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## CPU Benchmarks Over 200,000 CPUs Benchmarked



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## **CPU List**

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results for Single CPU Systems and Multiple CPU Systems are listed separately.



with PerformanceTest V8!

## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2094	NA	NA
AMD A4 Micro-6400T APU	1540	1326	NA	NA
AMD A4 PRO-3340B	2736	902	NA	NA
AMD A4 PRO-7300B APU	2290	1025	NA	NA
AMD A4 PRO-7350B	2794	Insufficient data	NA	NA
AMD A4-1200 APU	634	1780	NA	NA
AMD A4-1250 APU	603	1795	NA	NA
AMD A4-3300 APU	1520	1334	20.08	\$75.73
AMD A4-3300M APU	1201	1493	60.05	\$20.00*
AMD A4-3305M APU	1237	1476	NA	NA
AMD A4-3310MX APU	1308	1427	NA	NA
AMD A4-3320M APU	1280	1450	36.57	\$35.00
AMD A4-3330MX APU	1253	1469	NA	NA
AMD A4-3400 APU	1604	1300	24.34	\$65.91
AMD A4-3420 APU	1683	1267	NA	NA
AMD A4-4000 APU	1792	1210	44.48	\$40.31
AMD A4-4020 APU	1718	1242	31.02	\$55.39
AMD A4-4300M APU	1686	1264	42.31	\$39.86
AMD A4-4355M APU	1153	1518	NA	NA
AMD A4-5000 APU	1888	1170	NA	NA
AMD A4-5100 APU	2009	1126	NA	NA
AMD A4-5150M APU	1836	1194	NA	NA
AMD A4-5300 APU	2002	1128	45.13	\$44.36
AMD A4-5300B APU	1976	1137	52.01	\$38.00*
AMD A4-6210 APU	2113	1092	NA	NA
AMD A4-6300 APU	2211	1062	73.75	\$29.9 September
AMD A4-6300B APU	1997	1130	19.97	
AMD A4-6320 APU	2346	1006	46.95	-00/ OFF
AMD A4-7210 APU	2492	966	NA	NA WirelessMo

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-7300 APU	2205	1066	55.16	\$39.99
AMD A6 PRO-7050B APU	1629	1292	NA	NA
AMD A6 PRO-7400B	2913	854	NA	NA
AMD A6-1450 APU	1514	1337	NA	NA
AMD A6-3400M APU	1913	1159	54.73	\$34.96
AMD A6-3410MX APU	2095	1097	NA	NA
AMD A6-3420M APU	2033	1119	NA	NA
AMD A6-3430MX APU	2251	1039	NA	NA
AMD A6-3500 APU	2029	1120	50.75	\$39.99*
AMD A6-3600 APU	2733	904	39.07	\$69.95*
AMD A6-3620 APU	2840	868	47.35	\$59.99*
AMD A6-3650 APU	3202	780	53.38	\$59.99*
AMD A6-3670 APU	3245	768	26.89	\$120.68*
AMD A6-4400M APU	1624	1294	NA	NA
AMD A6-4455M APU	1278	1453	NA	NA
AMD A6-5200 APU	2399	991	NA	NA
				NA
AMD A6-5345M APU	1481	1347	NA NA	
AMD A6-5350M APU	1896	1165	NA	NA
AMD A6-5357M APU	1831	1195	NA	NA
AMD A6-5400B APU	2220	1059	21.14	\$105.04*
AMD A6-5400K APU	2134	1082	61.00	\$34.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-6310 APU	2368	1001	NA	NA
AMD A6-6400B APU	2237	1047	NA	NA
AMD A6-6400K APU	2278	1031	42.21	\$53.99
AMD A6-6420B APU	2612	Insufficient data	NA	NA
AMD A6-6420K APU	2257	1035	32.55	\$69.35*
AMD A6-7000	1676	1272	NA	NA
AMD A6-7310 APU	2580	937	NA	NA
AMD A6-7400K APU	2807	881	51.05	\$54.99
AMD A6-7470K	2446	979	36.62	\$66.80
AMD A6-8500P	2229	1054	NA	NA
AMD A6-8550	3104	803	NA	NA
AMD A8 PRO-7150B APU	2854	865	NA	NA
AMD A8 PRO-7600B APU	4924	457	NA	NA
AMD A8-3500M APU	1985	1135	50.91	\$39.00*
AMD A8-3510MX APU	2422	983	NA	NA
AMD AS SESONY APU	2210	1063	NA	NA
AMD AS SEEDING APU	2379	999	NA	NA
AMD A8-3550MX APU	2616	926	NA	NA
AMD A8-3800 APU	3142	797	20.07	\$156.59*
AMD A8-3820 APU	3187	782	39.85	\$79.99*
AMD A8-3850 APU	3518	697	24.48	\$143.69*
AMD A8-3870K APU	3601	679	25.73	\$139.99*
AMD A8-4500M APU	2656	914	NA	NA
AMD A8-4555M APU	2095	1098	NA	NA
AMD A8-5500 APU	3990	604	31.04	\$128. Septembe Special
AMD A8-5500B APU	3831	629	NA	NA Special
AMD A8-5545M APU	2570	943	NA	NA WirelessM
AMD A8-5550M APU	3002	830	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-5557M APU	2943	845	NA	NA
AMD A8-5600K APU	4320	543	33.23	\$129.99
AMD A8-6410 APU	2511	955	NA	NA
AMD A8-6500 APU	4392	531	13.52	\$324.87*
AMD A8-6500B APU	4533	512	NA	NA
AMD A8-6500T APU	3437	727	NA	NA
AMD A8-6600K APU	4579	506	29.37	\$155.93
AMD A8-7050	2235	1050	NA	NA
AMD A8-7100 APU	2836	872	NA	NA
AMD A8-7200P	3441	726	NA	NA
AMD A8-7410 APU	2606	930	NA	NA
AMD A8-7600 APU	5178	429	64.74	\$79.99
MD A8-7650K	4945	452	54.96	\$89.99
AMD A8-7670K	4928	456	48.33	\$101.99
AMD A8-8600P	3385	737	NA	NA
AMD A8-8650	5391	413	NA	NA
AMD A9-9410	2654	916	NA	NA
AMD A10 Micro-6700T APU	1875	1180	NA	NA
AMD A10 PRO-7350B APU	3293	755	NA	NA
AMD A10 PRO-7800B APU	5424	408	NA	NA
AMD A10 PRO-7850B APU	5514	395	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-4600M APU	3111	802	NA	NA
AMD A10-4655M APU	2575	941	NA	NA
AMD A10-4657M APU	2906	856	NA	NA
AMD A10-5700 APU	4195	571	23.99	\$174.89
AMD A10-5745M APU	2773	889	NA	NA
AMD A10-5750M APU	3359	742	NA	NA
AMD A10-5757M APU	3082	807	NA	NA
AMD A10-5757M APU				
	4612	498	NA	NA tage of
AMD A10-5800K APU	4633	494	22.07	\$209.99
AMD A10-6700 APU	4592	502	36.16	\$126.99
AMD A10-6700T APU	3693	659	25.16	\$146.79
AMD A10-6790K APU	4646	493	32.97	\$140.92
AMD A10-6800B APU	4974	451	NA	NA
AMD A10-6800K APU	4899	461	42.98	\$114.00
AMD A10-7300 APU	2989	834	NA	NA
AMD A10-7400P	3732	651	NA	NA
AMD A10-7700K APU	5204	426	54.79	\$94.99
AMD A10-7800 APU	5152	432	49.08	\$104.99*
AMD A10-7850K APU	5547	393	33.25	\$166.85
AMD A10-7860K	4941	454	44.93	\$109.99
AMD A10-7870K	5556	389	42.75	\$129.99
AMD A10-7890K	5839	363	39.19	\$148.99
AMD A10-8700P	3521	696	NA	NA
AMD A10-8750	4908	459	NA	NA
AMD A10-8780P	3458	Insufficient data	NA	NA Septem
AMD A10-9600P	3807	638	NA	
				000/0
AMD A10-9630P	4562	509	NA	NA Wireles

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon64 X2 Dual Core 3800+	997	1604	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1600	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1539	NA	NA
AMD Athlon 4	279	2114	5.18	\$53.99
AMD Athlon 64 2000+	116	Insufficient data	NA	NA
AMD Athlon 64 2200+	575	1810	NA	NA
AMD Athlon 64 2600+	374	Insufficient data	NA	NA
AMD Athlon 64 2800+	436	1920	4.36	\$99.99*
AMD Athlon 64 3000+	461	1895	4.23	\$108.95*
AMD Athlon 64 3200+	493	1863	3.29	\$149.95*
AMD Athlon 64 3300+	576	1809	NA	NA
AMD Athlon 64 3400+	544	1825	NA	NA
AMD Athlon 64 3500+	539	1829	7.71	\$69.99
AMD Athlon 64 3600+	601	1796	NA	NA
AMD Athlon 64 3700+	598	1797	4.61	\$129.95*
AMD Athlon 64 3800+	585	1804	9.76	\$60.00
AMD Athlon 64 4000+	618	1788	3.12	\$197.95
AMD Athlon 64 FX-25	794	1714	NA	NA
AMD Athlon 64 FX-34	380	1983	NA	NA
AMD Athlon 64 FX-51	437	1918	NA	NA
AMD Athlon 64 FX-53	646	1774	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price
AMD Athlon 64 FX-55	744	1730	4.14	\$179.95
AMD Athlon 64 FX-57	730	1736	NA	NA
AMD Athlon 64 FX-59	715	Insufficient data	NA	NA
AMD Athlon 64 FX-60 Dual Core	1303	1434	NA	NA
AMD Athlon 64 FX-62 Dual Core	1552	1324	NA	NA
AMD Athlon 64 FX-72	1794	1208	NA	NA
AMD Athlon 64 FX-74	1495	1343	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1631	NA	NA
AMD Athlon 64 X2 4200+	1285	1448	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1399	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	1003	1601	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	972	1622	16.21	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1006	1599	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	1580	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1101	1541	5.37	\$204.95
AMD Athlon 64 X2 Dual Core 4400+	1149	1521	5.78	\$198.95
AMD Athlon 64 X2 Dual Core 4600+	1220	1486	29.76	\$41.00*
AMD Athlon 64 X2 Dual Core 4800+	1270	1458	7.94	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1316	1424	3.97	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1384	1392	26.08	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1453	1365	27.43	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1478	1348	9.86	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1536	1327	17.07	\$90.00*
AMD Athlon 64 X2 Dual Core 6000+		1297	49.64	\$32 50*
,	1019			
AMD Athlon 64 X2 Dual Core 6400+	1613 1802	1204	NA	NA Centembe
AMD Athlon 64 X2 Dual Core 6400+	1802	1204 1547	NA NA	
AMD Athlon 64 X2 Dual Core 6400+  AMD Athlon 64 X2 Dual Core BE-230  AMD Athlon 64 X2 Dual Core BE-2300		1204 1547 1558	NA NA NA	NA September Special 20% OF Wireless NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core TK-53	839	1696	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	854	1686	14.80	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1625	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	879	1671	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	800	1711	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	880	1670	12.10	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	920	1653	NA	NA
AMD Athlon 64 X2 QL-60	931	1646	NA	NA
AMD Athlon 64 X2 QL-62	1025	1589	NA	NA
AMD Athlon 64 X2 QL-64	978	1618	NA	NA
AMD Athlon 64 X2 QL-65	1037	1582	NA	NA
AMD Athlon 64 X2 QL-66	942	1639	NA	NA
AMD Athlon 64 X2 QL-67	1144	1525	NA	NA
AMD Athlon 64 X2 TK-55	955	1633	NA	NA
AMD Athlon 64 X2 TK-57	988	1610	NA	NA
AMD Athlon 1500+	294	2087	NA	NA
AMD Athlon 1640B	668	1766	13.36	\$50.00*
AMD Athlon 1700+	349	2022	NA	NA
		-		
AMD Athle v 0400	390	1977	NA	NA
AMD Attle 2000	412	1942	NA	NA
AMD Athlon 2200+ CPU Name	363 Passmark CPU Mark	Rank (lower is better)	4.55 CPU Value (higher is better)	\$79.99 Price (USD)
AMD Athlon 2400+	(higher is better)	1893	NA	NA
AMD Athlon 2500+	374	1990	6.46	\$58.00*
AMD Athlon 2600+	444	1911	4.23	\$104.95*
AMD Athlon 2650e	406	1949	21.39	\$19.00*
AMD Athlon 2800+	447	1908	8.96	\$49.99*
AMD Athlon 2850e	510	1852	NA	NA
AMD Athlon 3100+	485	1872	NA	NA
AMD Athler 5000 Duel Core	458	1897	13.11	\$34.95
AMD Athles 5450 ABU with Bodger B2	1273	1456	25.46	\$50.00*
AMD Athler 5000 Burl Care	2058	1110	51.52	\$39.95
AMD Athlon 5200 Dual-Core	1225	1482	13.57	\$90.33*
AMD Athlon 5350 APU with Radeon R3	2567	944	59.72	\$42.99
AMD Athlon 5370 APU	2736	901	51.23	\$53.41
AMD Athlon 7450 Dual-Core	1450	1366	NA	NA
AMD Athlon 7550 Dual-Core	1456	1364	24.27	\$60.00*
AMD Athlon 7750 Dual-Core	1577	1315	5.51	\$286.31
AMD Athlon 7850 Dual-Core	1703	1252	8.13	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2098	NA	NA
AMD Athlon Dual Core 4050e	1094	1549	NA	NA
AMD Athlon Dual Core 4450B	1176	1503	69.21	\$17.00*
AMD Athlon Dual Core 4450e	1103	1540	NA	NA
AMD Athlon Dual Core 4850B	1471	1353	NA	NA
AMD Athlon Dual Core 4850e	1322	1422	33.90	\$39.00*
AMD Athlon Dual Core 5000B	1303	1435	13.72	\$95.00*
AMD Athlon Dual Core 5050e	1354	1406	22.57	\$60.0 September
AMD Athlon Dual Core 5200B	1337	1416	NA	NA September Special 20% OF
AMD Athlon Dual Core 5400B	1413	1378	NA	NA Wireless
AMB Atmon Budi Gold G-100B	1110	1070	1.0.	11/1

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II 160u	545	1823	18.18	\$29.99*
AMD Athlon II 170u	626	1782	20.92	\$29.95*
AMD Athlon II Dual-Core M300	1126	1531	NA	NA
AMD Athlon II Dual-Core M320	1150	1520	38.35	\$30.00*
AMD Athlon II Dual-Core M340	1065	1566	NA	NA
AMD Athlon II N330 Dual-Core	1154	1517	NA	NA
AMD Athlon II N350 Dual-Core	1225	1483	NA	NA
AMD Athlon II N370 Dual-Core	1559	1321	NA	NA
AMD Athlon II Neo K125	469	1888	NA	NA
AMD Athlon II Neo K145	537	1831	NA	NA
AMD Athlon II Neo K325 Dual-Core	793	1715	30.53	\$25.99*
AMD Athlon II Neo K345 Dual-Core	859	1684	NA	NA
AMD Athlon II Neo N36L Dual-Core	827	1704	NA	NA
AMD Athlon II P320 Dual-Core	1219	1487	81.29	\$15.00*
AMD Athlon II P340 Dual-Core	1267	1462	35.22	\$35.99*
AMD Athlon II P360 Dual-Core	1328	1419	69.93	\$19.00
AMD Athlon II X2 210e	1376	1395	NA NA	NA
AMD Athlon II X2 215	1590	1311	35.34	\$45.00*
AMD Athlon II X2 220	1637	1288	50.88	\$32.19
AMD Athlon II X2 225	1526	1330	NA 97.96	NA \$40.00*
AMD Athlon II X2 235e	1669 Passmark CPU	1270	87.86	\$19.00*
CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 240	1647	1284	47.12	\$34.95
AMD Athlon II X2 240e	1716	1244	49.12	\$34.95
AMD Athlon II X2 245	1690	1262	29.15	\$57.99
AMD Athlon II X2 245e	1690	1259	21.13	\$80.00*
AMD Athlon II X2 250	1759	1223	44.05	\$39.95
AMD Athlon II X2 250e	1949	1147	25.41	\$76.73*
AMD Athlon II X2 250u	1008	1597	28.86	\$34.95*
AMD Athlon II X2 255	1841	1192	30.71	\$59.98*
AMD Athlon II X2 260	1892	1167	39.42	\$48.00*
AMD Athlon II X2 260u	1124	1532	13.48	\$83.44*
AMD Athlon II X2 265	1856	1187	23.21	\$79.99
AMD Athlon II X2 270	1996	1131	27.74	\$71.99*
AMD Athlon II X2 270u	1350	1409	19.96	\$67.67*
AMD Athlon II X2 280	2189	1071	21.89	\$99.99*
AMD Athlon II X2 4300e	1464	1359	NA	NA
AMD Athlon II X2 4400e	1637	1289	NA	NA
AMD Athlon II X2 4450e	1504	1338	NA	NA
AMD Athlon II X2 B22		1249	47.47	
	1706			\$35.95*
AMD Athlen II X2 B26	1845	1191	46.20	\$39.95
AMD Athles II X2 B26	1778	1216	57.36	\$31.00
AMD Athles II X2 B28	2091	1099	48.64	\$43.00*
AMD Athlon II X3 400e	2025	1121	18.85	\$107.43*
AMD Athlon II X3 405e	1990	1133	24.88	\$79.99*
AMD Athlon II X3 415e	2246	1041	29.95	\$75.00*
AMD Athlon II X3 420e	2286	1028	19.45	\$117 September Special
AMD Athlon II X3 425	2338	1008	55.74	000/2 UF
AMD Athlon II X3 425e	2239	1046	NA	\$159.95 WirelessM
AMD Athlon II X3 435	2484	968	15.53	\$15 <sub>9.95</sub>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 440	2576	940	64.50	\$39.95*
AMD Athlon II X3 445	2577	938	28.33	\$91.00*
AMD Athlon II X3 450	2631	923	16.45	\$159.95*
AMD Athlon II X3 455	2800	882	28.01	\$99.99*
AMD Athlon II X3 460	2896	859	58.05	\$49.90
AMD Athlon II X4 553	3814	635	NA	NA
AMD Athlon II X4 555	3825	631	NA	NA
AMD Athlon II X4 559	4208	565	NA	NA
AMD Athlon II X4 600e	2417	985	18.56	\$130.23*
AMD Athlon II X4 605e	2733	903	26.85	\$101.80*
AMD Athlon II X4 610e	2835	873	40.52	\$69.99
AMD Athlon II X4 615e	2885	863	48.90	\$59.00*
AMD Athlon II X4 620	2966	841	49.48	\$59.95
AMD Athlon II X4 620e	2906	857	NA	NA
AMD Athlon II X4 630	3169	788	25.36	\$124.99*
AMD Athlon II X4 631 Quad-Core	3165	789	158.36	\$19.99*
AMD Athlon II X4 635	3281	759	27.35	\$119.99*
AMD Athlan II X4 648 Quad-Core	3257	766 744	NA 0.44	NA
AMD Athlon II X4 640	3347		9.44	\$354.75
AMD Athlon II X4 641 Quad-Core	3427	731	11.09	\$309.18*
AMD Athlon II X4 645 CPU Name	3511 Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	\$101.80* Price (USD)
AMD Athlon II X4 650	(higher is better) 3505	702	21.04	\$166.60*
AMD Athlon II X4 651 Quad-Core	3620	673	20.33	\$178.04*
AMD Athlon II X4 655	2880	Insufficient data	NA	-
AMD Athlon II X4 6400e	2594	933	NA	NA NA
AMD Athlon L110	303	2075	NA	NA
AMD Athlon LE-1600	567	1816	27.01	\$21.00*
AMD Athlon LE-1620	571	1813	31.73	\$18.00*
	623		NA	
AMD Athler I 5 4000		1784		NA
AMD Athles MP	682	1760	NA 4.30	NA ¢54.05†
AMD Athles MP 4700	230	2172	4.20	\$54.95*
AMD Athley MD 0400	339	2032	NA	NA
AMD Athlon MP 2400+	436	1919	NA	NA
AMD Athlon MP 2800+	497	1860	NA	NA
AMD Athlon Neo MV-40	402	1959	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1028	1586	NA	NA
AMD Athlon Neo X2 Dual Core L325	770	1723	NA	NA
AMD Athlon Neo X2 Dual Core L335	809	1708	NA	NA
AMD Athlon QI-46	473	1885	NA	NA
AMD Athlon TF-20	415	1936	NA	NA
AMD Athlon TF-36	249	2154	NA	NA
AMD Athlon X2 215	1575	1317	NA	NA
AMD Athlon X2 235e	1806	1201	NA	NA
AMD Athlon X2 240	1596	1306	NA	NA
AMD Athlon X2 240e	1670	1276	NA	NA
AMD Athlon X2 250	1686	1265	NA	NA Septembe
AMD Athlon X2 255	1627	1293	NA	NA September Special
AMD Athlon X2 260	1910	1160	NA	NA 20% OF Wireless
AMD Athlon X2 280	2303	Insufficient data	13.17	\$174.81 Wireless

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 340 Dual Core	1867	1184	62.28	\$29.99*
AMD Athlon X2 370K Dual Core	2229	1056	NA	NA
AMD Athlon X2 440	1424	1374	NA	NA
AMD Athlon X2 Dual Core 3250e	777	1717	NA	NA
AMD Athlon X2 Dual Core 6850e	889	1667	NA	NA
AMD Athlon X2 Dual Core BE-2300	967	1627	NA	NA
AMD Athlon X2 Dual Core BE-2350	1108	1538	NA	NA
AMD Athlon X2 Dual Core BE-2400	1225	1481	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1471	NA	NA
AMD Athlon X2 Dual Core L310	649	1771	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1596	NA	NA
AMD Athlon X3 425	2255	1038	NA	NA
AMD Athlon X3 435	2574	942	26.96	\$95.49*
AMD Athlon X3 440	2256	1036	25.65	\$87.99*
AMD Athlon X3 445	2314	1014	NA	NA
AMD Athlon X3 450	3064	810	38.80	\$78.99*
AMD Athlon X3 455	2401	990	NA	NA
AMD Athlon X4 605e	2505	959	NA	NA
AMD Athlon X4 620	2918	852	48.68	\$59.95*
				,
AMD Athlon X4 635 AMD Athlon X4 640	2891	861	23.71	\$121.99* NA
CPU Name	3172 Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price
AMD Athlon X4 645	3595	680	NA	NA
AMD Athlon X4 740 Quad Core	3947	609	14.25	\$277.00*
AMD Athlon X4 750 Quad Core	4492	516	NA	NA
AMD Athlon X4 750K Quad Core	4233	563	54.99	\$76.99*
AMD Athlon X4 760K Quad Core	4543	511	40.12	\$113.24*
AMD Athlon X4 840	5133	437	NA	NA
AMD Athlon X4 845	5527	394	82.48	\$67.02
AMD Athlon X4 860K	5548	392	77.07	\$71.99
AMD Athlon X4 870K	5146	434	59.16	\$86.99
AMD Athlon X4 880K	5626	385	60.21	\$93.45
AMD Athlon XP1600+	281	2109	NA	NA
AMD Athlon XP1700+	234	2168	NA	NA
AMD Athlon XP1900+	353	2019	NA	NA
AMD Athlon XP2100+	287	2100	NA	NA
AMD Athlon XP2200+	401	1962	NA	NA
AMD Athlon XP2400+	391	1975	NA	NA
AMD Athlon XP 1500	282	2108	NA	NA
AMD Athlon XP 1500+	257	2140	NA	NA
AMD Athlon XP 1600+	266	2129	NA	NA
AMD Athlon XP 1700	344	2028	NA	NA
AMD Athlon XP 1700+	272	2124	NA 5.40	NA ¢59.05*
AMD Athler VP 1000+	300	2081	5.10	\$58.95*
AMD Athley VD 2000	304	2070	NA 10.07	NA COA COA
AMD Athlon XP 2000+	306	2066	12.27	\$24.99*
AMD Athlon XP 2100+	323	2045	NA	NA September Special
AMD Athlon XP 2200+	325	2043	3.83	-00/- OF
AMD Athlon XP 2300+	464	1890	NA	NA Wireless
AMD Athlon XP 2400+	362	2010	4.03	\$89.99* WIFE

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2500+	355	2016	NA	NA
AMD Athlon XP 2600+	372	1993	16.16	\$23.03*
AMD Athlon XP 2700+	389	1978	4.59	\$84.79*
AMD Athlon XP 2800+	397	1969	NA	NA
AMD Athlon XP 2900+	459	1896	NA	NA
AMD Athlon XP 3000+	401	1963	6.29	\$63.85*
AMD Athlon XP 3100+	433	1925	NA	NA
AMD Athlon XP 3200+	432	1926	NA	NA
AMD Athlon XP 3400+	570	1814	NA	NA
AMD Athlon XP Pro3+	367	2000	NA	NA
AMD Athlon XP-M	541	1828	3.86	\$139.99*
AMD C-30	310	2060	NA	NA
AMD C-50	464	1889	NA	NA
AMD C-60	448	1906	NA	NA
AMD C-60 APU	545	1822	NA	NA
AMD C-70 APU	571	1812	NA	NA
AMD E1 Micro-6200T APU + AMD Radeon R2	960	Insufficient data	NA	NA
Graphics	900	insumerent data	INA	INA
AMD E1-1200 APU	672	1764	NA	NA
AMD E1-1500 APU	693	1754	NA	NA
AMD E1-2100 APU	623	1785	NA	NA
AMD E1-2200 APU	767	Insufficient data	NA	NA
AWID E1-2200 APO	Passmark CPU	insumerent data	I.	
CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-2500 APU	879	1672	NA	NA
AMD E1-6010 APU	833	1701	NA	NA
AMD E1-6015 APU	891	1665	NA	NA
AMD E1-7010 APU	944	1637	NA	NA
AMD E2-1800 APU	825	1705	NA	NA
AMD E2-2000 APU	841	1693	NA	NA
AMD E2-3000 APU	1100	1543	NA	NA
AMD E2-3000M APU	1100	1542	55.02	\$20.00*
AMD E2-3200 APU	1473	1351	NA	NA
AMD E2-3800 APU	1606	1299	NA	NA
AMD E2-6110 APU with AMD Radeon R2	1869	1183	NA	NA
Graphics	0470	1075	L.	
AMD E2-7110 APU	2173	1075	NA	NA
AMD E-240	318	2052	NA	NA
AMD E-300 APU	616	1789	NA	NA
AMD E-350	753	1726	NA	NA
AMD E-350 APU	742	1732	NA	NA
AMD E-350D APU	720	1743	NA	NA
AMD E-450 APU	772	1720	NA	NA
AMD Embedded R-Series RX-421BD	4739	481	NA	NA
AMD FirePro A320 APU	4654	491	NA	NA
AMD FX-670K Quad-Core	4440	524	NA	NA
AMD FX-770K Quad-Core	4894	462	NA	NA
AMD FX-4100 Quad-Core	4035	596	20.41	\$197.
AMD FX-4130 Quad-Core	4142	577	51.15	\$197. \$80.98 Septemb
AMD FX-4150 Quad-Core	4579	505	NA	NIA AND A
AMD FX-4170 Quad-Core	4814	471	33.53	\$143.61 Wireless

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4200 Quad-Core	4205	567	18.43	\$228.21
AMD FX-4300 Quad-Core	4619	497	57.75	\$79.99
AMD FX-4320	4979	450	NA	NA
AMD FX-4330	5296	419	NA	NA
AMD FX-4350 Quad-Core	5241	423	60.95	\$86.00
AMD FX-6100 Six-Core	5392	412	59.92	\$89.99*
AMD FX-6120 Six-Core	5741	371	NA	NA
AMD FX-6130 Six-Core	6215	331	NA	NA
AMD FX-6200 Six-Core	6092	339	50.77	\$119.99
AMD FX-6300 Six-Core	6333	324	70.38	\$89.99
AMD FX-6350 Six-Core	6953	282	57.95	\$119.99
AMD FX-7500 APU	3265	762	NA	NA
AMD FX-7600P	4114	581	NA	NA
AMD FX-7600P APU with AMD Radeon R7	4627	Insufficient data	NA	NA
Graphics				
AMD FX-8100 Eight-Core	6092	338	42.91	\$142.00*
AMD FX-8120 Eight-Core	6570	305	37.94	\$173.18*
AMD FX-8140 Eight-Core	5854	359	NA	NA
AMD FX-8150 Eight-Core	7619	240	45.90	\$165.99*
AMD FX-8300 Eight-Core	7607	242	69.17	\$109.99
AMD FX-8310 Eight-Core	7689	239	NA	NA
AMD FX-8320 Eight-Core	8009	221	59.34	\$134.99
AMD FX-8320E Eight-Core	7450	252	53.22	\$139.99
AMD FX-8350 Eight-Core	8941	179	59.61	\$149.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370 Eight-Core	8913	182	48.18	\$184.99
AMD FX-8370E Eight-Core	7766	233	39.80	\$195.14
AMD FX-8800P	4238	561	NA	NA
AMD FX-9370 Eight-Core	9486	143	49.93	\$189.99
AMD FX-9590 Eight-Core	10261	101	45.82	\$223.95
AMD FX-9800P	4384	533	NA	NA
AMD FX-B4150 Quad-Core	4412	Insufficient data	NA	NA
AMD G-T40E	485	1871	NA	NA
AMD G-T40N	516	1845	NA	NA
AMD G-T44R	227	2174	NA	NA
AMD G-T48E	716	1745	NA	NA
AMD G-T52R	303	2074	NA	NA
	751	1728		
AMD G TEEN			NA	NA NA
AMD Goods NY	798	1713	NA NA	NA NA
AMD Goods NX 4750	264	2131	NA	NA NA
AMD Geode NX 1750	291	2088	NA	NA
AMD GX-210JA SOC	401	Insufficient data	NA	NA
AMD GX-217GA SOC	1084	1555	NA	NA
AMD GX-222GC SOC	983	1612	NA	NA
AMD GX-412HC	1462	1362	NA	NA
AMD GX-415GA SOC	1923	1156	NA	NA
AMD GX-420CA SOC	10000	1012	NA	NA September
	2320			
AMD GX-424CC SOC with Radeon R5E Graphics	2356	1003	NA	NA September Special 20% OF Wireless

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 140	396	1970	NA	NA
AMD Opteron 142	428	1929	NA	NA
AMD Opteron 144	511	1851	7.87	\$65.00*
AMD Opteron 146	532	1836	8.87	\$59.99*
AMD Opteron 148	603	1794	NA	NA
AMD Opteron 150	604	1792	NA	NA
AMD Opteron 152	658	1768	NA	NA
AMD Opteron 154	703	1751	NA	NA
AMD Opteron 165	899	1663	16.65	\$53.99*
AMD Opteron 170	1097	1544	NA	NA
AMD Opteron 175	1175	1504	NA	NA
AMD Opteron 180	1237	1477	10.32	\$120.00*
AMD Opteron 185	1359	1403	NA	NA
AMD Opteron 246	632	1781	5.80	\$108.95*
AMD Opteron 248	476	1883	39.73	\$12.00
AMD Opteron 250	649	1772	54.10	\$12.00
AMD Opteron 252	760	1724	12.00	\$63.36
•	693	Insufficient data	NA	NA
AMD Optoron 256	963	1629	NA	
AMD Outside 256				NA \$450.05*
AMD Outside 255	963	1630	6.02	\$159.95*
AMD Opteron 270	1083	1556	1.78	\$609.96
AMD Opteron 275	1291	1446	19.87	\$64.99
AMD Opteron 280	1272	1457	1.60	\$796.67
AMD Opteron 285	1470	1354	NA	NA
AMD Opteron 290	1464	1358	10.85	\$135.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1210	923	1649	NA	NA
AMD Opteron 1210 HE	971	1624	NA	NA
AMD Opteron 1212	1015	1593	3.50	\$290.00*
AMD Opteron 1212 HE	1308	1428	NA	NA
AMD Opteron 1214	1276	1454	4.40	\$290.00*
AMD Opteron 1214 HE	1299	1439	NA	NA
AMD Opteron 1216	1352	1408	24.66	\$54.85*
AMD Opteron 1216 HE	1172	1508	NA	NA
AMD Opteron 1218	1468	1356	NA	NA
AMD Opteron 1218 HE	1444	1368	NA	NA
AMD Opteron 1220	1612	1298	NA	NA
AIND OPIGION 1440		I		
		1224	NA	NA
AMD Opteron 1222	1757	1224 975		NA \$135.99*
AMD Opteron 1222 AMD Opteron 1352	1757 2459	975	18.09	\$135.99*
AMD Opteron 1222 AMD Opteron 1352 AMD Opteron 1354	1757 2459 2577	975 939	18.09 8.31	\$135.99* \$309.97*
AMD Opteron 1222 AMD Opteron 1352 AMD Opteron 1354 AMD Opteron 1356	1757 2459 2577 2765	975 939 894	18.09 8.31 30.73	\$135.99* \$309.97* \$89.99
AMD Opteron 1222 AMD Opteron 1352 AMD Opteron 1354 AMD Opteron 1356 AMD Opteron 1381	1757 2459 2577 2765 3065	975 939 894 809	18.09 8.31 30.73 NA	\$135.99* \$309.97* \$89.99 NA
AMD Opteron 1222 AMD Opteron 1352 AMD Opteron 1354 AMD Opteron 1356 AMD Opteron 1381 AMD Opteron 2212	1757 2459 2577 2765 3065 1270	975 939 894 809 1459	18.09 8.31 30.73 NA 97.74	\$135.99* \$309.97* \$89.99 NA \$13.00
AMD Opteron 1222  AMD Opteron 1352  AMD Opteron 1354  AMD Opteron 1356  AMD Opteron 1381  AMD Opteron 2212  AMD Opteron 2214	1757 2459 2577 2765 3065 1270	975 939 894 809 1459	18.09 8.31 30.73 NA 97.74 2.39	\$135.99* \$309.97* \$89.99 NA \$13.00 \$569.00*
AMD Opteron 1222  AMD Opteron 1352  AMD Opteron 1354  AMD Opteron 1356  AMD Opteron 1381  AMD Opteron 2212  AMD Opteron 2214  AMD Opteron 2214	1757 2459 2577 2765 3065 1270 1358 1415	975 939 894 809 1459 1404	18.09 8.31 30.73 NA 97.74 2.39	\$135.99* \$309.97* \$89.99 NA \$13.00 \$569.00*
AMD Opteron 1222  AMD Opteron 1352  AMD Opteron 1354  AMD Opteron 1356  AMD Opteron 1381  AMD Opteron 2212  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2214 HE  AMD Opteron 2216	1757 2459 2577 2765 3065 1270 1358 1415	975 939 894 809 1459 1404 1377	18.09 8.31 30.73 NA 97.74 2.39 NA 5.36	\$135.99* \$309.97* \$89.99 NA \$13.00 \$569.00* NA \$283.00*
AMD Opteron 1222  AMD Opteron 1352  AMD Opteron 1354  AMD Opteron 1356  AMD Opteron 1381  AMD Opteron 2212  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2216  AMD Opteron 2218	1757 2459 2577 2765 3065 1270 1358 1415 1518	975 939 894 809 1459 1404 1377 1335	18.09 8.31 30.73 NA 97.74 2.39 NA 5.36 25.16	\$135.99* \$309.97* \$89.99 NA \$13.00 \$569.00* NA \$283.00* \$63.3
AMD Opteron 1222  AMD Opteron 1352  AMD Opteron 1354  AMD Opteron 1356  AMD Opteron 1381  AMD Opteron 2212  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2216  AMD Opteron 2218  AMD Opteron 2220	1757 2459 2577 2765 3065 1270 1358 1415 1518 1594 1701	975 939 894 809 1459 1404 1377 1335 1308	18.09 8.31 30.73 NA 97.74 2.39 NA 5.36 25.16 43.21	\$135.99* \$309.97* \$89.99 NA \$13.00 \$569.00* NA \$283.00* \$63.3 \$39.38
AMD Opteron 1222  AMD Opteron 1352  AMD Opteron 1354  AMD Opteron 1356  AMD Opteron 1381  AMD Opteron 2212  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2214  AMD Opteron 2216  AMD Opteron 2218	1757 2459 2577 2765 3065 1270 1358 1415 1518	975 939 894 809 1459 1404 1377 1335	18.09 8.31 30.73 NA 97.74 2.39 NA 5.36 25.16	\$135.99* \$309.97* \$89.99 NA \$13.00 \$569.00* NA \$283.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2350	2820	875	10.45	\$269.99*
AMD Opteron 2356	2814	877	40.30	\$69.83
AMD Opteron 2374 HE	2951	842	15.53	\$189.99*
AMD Opteron 2376	2283	1029	71.35	\$32.00*
AMD Opteron 2378	3179	784	17.76	\$179.00*
AMD Opteron 2380	2640	920	165.06	\$16.00
AMD Opteron 2384	3538	Insufficient data	4.21	\$840.00*
AMD Opteron 2386 SE	3538	694	NA	NA
AMD Opteron 2393 SE	2246	Insufficient data	NA	NA
AMD Opteron 2427	3069	Insufficient data	29.12	\$105.40
AMD Opteron 2431	4516	Insufficient data	122.07	\$37.00
AMD Opteron 2435	4708	Insufficient data	39.11	\$120.40*
AMD Opteron 3260 HE	3259	Insufficient data	NA	NA
AMD Opteron 3280	5256	422	19.24	\$273.18*
AMD Opteron 3320 EE	2532	950	NA	NA
•			NA	
AMD Optoron 3355 HE	4009	383	NA	NA NA
AMD Outcom 3365	5646			
AMD Opteron 3380	6384	322	NA	NA
AMD Opteron 4122	2942	846	11.32	\$259.95
AMD Opteron 4162 EE	3166	Insufficient data	NA	NA
AMD Opteron 4280	6430	Insufficient data	14.09	\$456.44*
AMD Opteron 4332 HE	5369	415	NA	NA
AMD Opteron 6128	4742	479	22.95	\$206.67
AMD Opteron 6134	2938	847	4.93	\$595.95*
AMD Opteron 6136	4631	Insufficient data	4.17	\$1,109.37*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	Insufficient data	NA	NA
AMD Opteron 6174	6412	320	87.79	\$73.05
AMD Opteron 6212	5776	Insufficient data	14.09	\$409.99
AMD Opteron 6234	5979	349	14.95	\$399.99*
AMD Opteron 6238	7316	Insufficient data	6.72	\$1,088.11*
AMD Opteron 6272			-	
AMD Opteron 6274	6/48	293	20.77	
7 till D Optoron 021 1	6748 4865	293 Insufficient data	20.77	\$325.00
AMD Opteron 6276	4865	Insufficient data	5.35	\$325.00 \$908.95
•	4865 8971	Insufficient data	5.35 90.40	\$325.00 \$908.95 \$99.25
AMD Opteron 6276  AMD Opteron 6282 SE  AMD Opteron 6287 SE	4865 8971 9116	Insufficient data 176 167	5.35 90.40 8.36	\$325.00 \$908.95 \$99.25 \$1,089.99*
AMD Opteron 6282 SE AMD Opteron 6287 SE	4865 8971 9116 9595	Insufficient data 176 167 Insufficient data	5.35 90.40 8.36 NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA
AMD Opteron 6282 SE AMD Opteron 6287 SE AMD Opteron 6328	4865 8971 9116 9595 7813	Insufficient data 176 167 Insufficient data 231	5.35 90.40 8.36 NA 12.78	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23
AMD Opteron 6282 SE AMD Opteron 6287 SE AMD Opteron 6328 AMD Opteron 6366 HE	4865 8971 9116 9595 7813 7503	Insufficient data 176 167 Insufficient data 231 Insufficient data	5.35 90.40 8.36 NA 12.78	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376	4865 8971 9116 9595 7813 7503 9414	Insufficient data 176 167 Insufficient data 231 Insufficient data 148	5.35 90.40 8.36 NA 12.78 NA 13.45	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378	4865 8971 9116 9595 7813 7503 9414 2152	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380	4865 8971 9116 9595 7813 7503 9414 2152 10082	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380  AMD Opteron 8354	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00
AMD Opteron 6282 SE AMD Opteron 6287 SE AMD Opteron 6328 AMD Opteron 6366 HE AMD Opteron 6376 AMD Opteron 6378 AMD Opteron 6380 AMD Opteron 8354 AMD Opteron 8439 SE	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380  AMD Opteron 8354  AMD Opteron 8439 SE  AMD Phenom 2 X4 12000	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813 3005	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data 828	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380  AMD Opteron 8354  AMD Opteron 8439 SE  AMD Phenom 2 X4 12000  AMD Phenom 7950 Quad-Core	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813 3005 2991	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA
AMD Opteron 6282 SE AMD Opteron 6287 SE AMD Opteron 6328 AMD Opteron 6366 HE AMD Opteron 6376 AMD Opteron 6378 AMD Opteron 6380 AMD Opteron 8354 AMD Opteron 8439 SE	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813 3005	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data 828	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA NA
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380  AMD Opteron 8354  AMD Opteron 8439 SE  AMD Opteron 2 X4 12000  AMD Phenom 7950 Quad-Core  AMD Phenom 8250 Triple-Core	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813 3005 2991	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data 828 833	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA NA NA
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380  AMD Opteron 8354  AMD Opteron 8439 SE  AMD Phenom 2 X4 12000  AMD Phenom 7950 Quad-Core	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813 3005 2991 1599	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data 828 833 1303	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA NA NA
AMD Opteron 6282 SE  AMD Opteron 6287 SE  AMD Opteron 6328  AMD Opteron 6366 HE  AMD Opteron 6376  AMD Opteron 6378  AMD Opteron 6380  AMD Opteron 8354  AMD Opteron 8439 SE  AMD Opteron 2 X4 12000  AMD Phenom 7950 Quad-Core  AMD Phenom 8250 Triple-Core	4865 8971 9116 9595 7813 7503 9414 2152 10082 2255 3813 3005 2991 1599 1579	Insufficient data 176 167 Insufficient data 231 Insufficient data 148 Insufficient data 109 1037 Insufficient data 828 833 1303 1313	5.35 90.40 8.36 NA 12.78 NA 13.45 2.50 9.07 161.10 NA NA NA NA NA	\$325.00 \$908.95 \$99.25 \$1,089.99* NA \$611.23 NA \$699.99 \$859.99 \$1,110.99 \$14.00 NA NA NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8600 Triple-Core	1690	1260	31.91	\$52.99*
AMD Phenom 8600B Triple-Core	1931	1153	36.45	\$52.99*
AMD Phenom 8650 Triple-Core	2017	1124	40.37	\$49.99*
AMD Phenom 8750 Triple-Core	2087	1102	NA	NA
AMD Phenom 8750B Triple-Core	2077	1105	NA	NA
AMD Phenom 8850 Triple-Core	2237	1048	NA	NA
AMD Phenom 8850B Triple-Core	2080	1104	NA	NA
AMD Phenom 9100e Quad-Core	1892	1166	10.52	\$179.81*
AMD Phenom 9150e Quad-Core	2134	1081	NA	NA
AMD Phenom 9350e Quad-Core	2330	1010	11.95	\$194.99*
AMD Phenom 9450e Quad-Core	2644	919	25.19	\$105.00*
AMD Phenom 9500 Quad-Core	2222	1057	24.70	\$89.96*
AMD Phenom 9550 Quad-Core	2558	945	25.59	\$99.97*
AMD Phenom 9600 Quad-Core	2318	1013	16.56	\$140.00*
AMD Phenom 9600B Quad-Core	2590	935	17.60	\$147.19*
AMD Phenom 9650 Quad-Core	2656	915	48.34	\$54.95
AMD Phenom 9750 Quad-Core	2832	874	47.25	\$59.95*
AMD Phenom 9750B Quad-Core	2760	896	NA	NA
AMD Phenom 9850 Quad-Core	2907	855	58.15	\$50.00*
AMD Phenom 9850B Quad-Core	3160	793	NA	NA
AMD Phenom 9950 Quad-Core	3049	814	16.95	\$179.98*
AMD Phenom FX-5000 Quad-Core	2508	956	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	843	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	675	NA	NA
AMB I Hellotti I X-1100 Quau-cole	3010	010	14/3	14/3
AMD Phenom II 42 TWKR Black Edition	3489	710	NA	NA
AMD Phenom II 42 TWKR Black Edition  CPU Name	3489 Passmark CPU Mark (higher is better)	710  Rank (lower is better)	NA CPU Value (higher is better)	Price (USD)
	Passmark CPU	Rank	CPU Value	Price
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name  AMD Phenom II N620 Dual-Core	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) \$50.25*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core	Passmark CPU Mark (higher is better) 1681 1730	Rank (lower is better) 1268 1235	CPU Value (higher is better) 33.47 NA	Price (USD) \$50.25*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core	Passmark CPU Mark (higher is better) 1681 1730 1854	Rank (lower is better) 1268 1235 1188	CPU Value (higher is better) 33.47 NA 20.84	Price (USD) \$50.25* NA \$89.00*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1	Passmark CPU Mark (higher is better) 1681 1730 1854 2652	Rank (lower is better) 1268 1235 1188 917	CPU Value (higher is better) 33.47 NA 20.84 NA	Price (USD) \$50.25* NA \$89.00*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652	Rank (lower is better) 1268 1235 1188 917 1176	CPU Value (higher is better) 33.47 NA 20.84 NA	Price (USD) \$50.25* NA \$89.00* NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882	Rank (lower is better) 1268 1235 1188 917 1176	CPU Value (higher is better) 33.47 NA 20.84 NA NA NA 79.18	Price (USD) \$50.25* NA \$89.00* NA NA \$25.00*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979	Rank (lower is better)  1268 1235 1188 917 1176 1136 1143	CPU Value (higher is better) 33.47 NA 20.84 NA NA NA NA	Price (USD) \$50.25* NA \$89.00* NA NA NA \$25.00*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N870 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  NA  23.15	Price (USD) \$50.25* NA \$89.00* NA NA NA \$25.00* NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504	Rank (lower is better)  1268 1235 1188 917 1176 1136 1143 1024 960 949	CPU Value (higher is better) 33.47 NA 20.84 NA NA 79.18 NA 23.15	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N970 Quad-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312	CPU Value (higher is better) 33.47 NA 20.84 NA NA 79.18 NA 23.15 22.24 16.89 45.83 NA	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core  AMD Phenom II P840 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA  NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P860 Triple-Core  AMD Phenom II P860 Triple-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N640 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Dual-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P940 Quad-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA  NA  NA  NA  NA  NA  NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N860 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P920 Quad-Core  AMD Phenom II P940 Quad-Core  AMD Phenom II P940 Quad-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Phenom II N620 Dual-Core AMD Phenom II N660 Dual-Core AMD Phenom II N860 Dual-Core AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core AMD Phenom II N850 Triple-Core AMD Phenom II N870 Triple-Core AMD Phenom II N970 Quad-Core AMD Phenom II N970 Quad-Core AMD Phenom II N970 Quad-Core AMD Phenom II P650 Dual-Core AMD Phenom II P820 Triple-Core AMD Phenom II P840 Triple-Core AMD Phenom II P840 Triple-Core AMD Phenom II P940 Quad-Core AMD Phenom II P950 Quad-Core AMD Phenom II P940 Quad-Core AMD Phenom II P960 Quad-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097 2113	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095  1091	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N930 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II X2 511  AMD Phenom II X2 521	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097 2113 2088	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095  1091  1100	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD) \$50.25* NA \$89.00* NA NA \$25.00* NA \$99.00* \$112.60* \$149.99* \$35.00* NA NA NA NA NA NA NA \$18.00* NA NA \$28.00* NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N860 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N850 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P950 Quad-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II X2 511  AMD Phenom II X2 521  AMD Phenom II X2 545	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097 2113 2088 1890	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095  1091  1100  1168	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  105.04  NA  74.93  NA  NA  NA  19.70	Price (USD) \$50.25* NA \$89.00* NA NA NA \$25.00* NA \$99.00* \$112.60* \$149.99* \$35.00* NA NA NA NA NA NA NA \$18.00* NA \$28.00* NA NA \$28.00*
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N970 Triple-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P940 Quad-Core  AMD Phenom II P940 Quad-Core  AMD Phenom II X2 511  AMD Phenom II X2 521  AMD Phenom II X2 545  AMD Phenom II X2 550	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097 2113 2088 1890 2040	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095  1091  1100  1168  1114	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  105.04  NA  NA  105.04  NA  74.93  NA  NA  19.70  20.40	Price (USD)  \$50.25*  NA  \$89.00*  NA  NA  \$25.00*  NA  \$99.00*  \$112.60*  \$149.99*  \$35.00*  NA  NA  NA  NA  NA  NA  \$18.00*  NA  \$28.00*  NA  NA  \$95.99*  \$99.9  \$eptembe
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P820 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P860 Triple-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P940 Quad-Core  AMD Phenom II X2 511  AMD Phenom II X2 545  AMD Phenom II X2 550  AMD Phenom II X2 555	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097 2113 2088 1890 2040 2052	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095  1091  1100  1168  1114  1112	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  NA  105.04  NA  74.93  NA  NA  NA  19.70  20.40  6.84	Price (USD)  \$50.25* NA  \$89.00* NA NA NA \$25.00* NA \$99.00* \$112.60* \$149.99* \$35.00* NA Sels.00* NA NA NA Sels.00* NA NA Sels.00* NA NA NA Sels.00* NA
CPU Name  AMD Phenom II N620 Dual-Core  AMD Phenom II N660 Dual-Core  AMD Phenom II N830 3+1  AMD Phenom II N830 Triple-Core  AMD Phenom II N850 Triple-Core  AMD Phenom II N870 Triple-Core  AMD Phenom II N970 Triple-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N950 Quad-Core  AMD Phenom II N970 Quad-Core  AMD Phenom II P650 Dual-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P840 Triple-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P960 Quad-Core  AMD Phenom II P940 Quad-Core  AMD Phenom II P950 Quad-Core  AMD Phenom II N950 Quad-Core	Passmark CPU Mark (higher is better) 1681 1730 1854 2652 1882 1979 1965 2291 2504 2533 1603 1586 1728 1761 1890 1782 2097 2113 2088 1890 2040	Rank (lower is better)  1268  1235  1188  917  1176  1136  1143  1024  960  949  1301  1312  1237  1222  1169  1213  1095  1091  1100  1168  1114	CPU Value (higher is better)  33.47  NA  20.84  NA  NA  79.18  NA  23.15  22.24  16.89  45.83  NA  NA  NA  NA  NA  NA  105.04  NA  NA  105.04  NA  74.93  NA  NA  19.70  20.40	Price (USD)  \$50.25* NA  \$89.00* NA NA NA  \$25.00* NA  \$99.00* \$112.60* \$149.99* \$35.00* NA NA NA NA NA NA NA  \$18.00* NA  NA \$28.00* NA NA \$99.99* \$99.9

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 570	1859	1186	NA	NA
AMD Phenom II X2 B53	1646	1285	NA	NA
AMD Phenom II X2 B55	1990	1134	41.47	\$48.00*
AMD Phenom II X2 B57	1680	1270	NA	NA
AMD Phenom II X2 B59	2131	1084	NA	NA
AMD Phenom II X3 700e	2232	1052	NA	NA
AMD Phenom II X3 705e	2244	1043	14.74	\$152.34*
AMD Phenom II X3 710	2460	974	29.11	\$84.53*
AMD Phenom II X3 715	2649	918	31.17	\$84.99*
AMD Phenom II X3 720	2698	908	35.99	\$74.99*
AMD Phenom II X3 740	3009	824	33.82	\$88.99*
AMD Phenom II X3 B73	2752	898	36.71	\$75.00*
AMD Phenom II X3 B75	3157	794	NA	NA
AMD Phenom II X3 B77	3288	757	NA	NA
AMD Phenom II X4 805	3016	820	17.34	\$173.99*
AMD Phenom II X4 810	3162	790	27.27	\$115.99*
AMD Phenom II X4 820	3453	722	38.38	\$89.99*
AMD Phenom II X4 830	1 11	705	53.92	
	3503	693		\$64.98*
AMD Phenom II X4 840	3540		22.13	\$160.00*
AMD Phenom II X4 840T	3659	665	NA	NA
AMD Phenom II X4 850	3567	683	32.00	\$111.49*
AMD Phenom II X4 900e	2981	838	NA	NA
AMD Phenom II X4 905e	3131	799	16.10	\$194.46*
AMD Phanom II Y/ 010	3298	752	32.98	\$100.00*
AMD Phenom II X4 910		_		
AMD Phenom II X4 910e	3406	734	21.70	\$156.99*
		734 Rank		\$156.99* Price
AMD Phenom II X4 910e	3406 Passmark CPU Mark	734 Rank	21.70 CPU Value	\$156.99* Price
AMD Phenom II X4 910e CPU Name	3406  Passmark CPU  Mark (higher is better)	734  Rank (lower is better)	21.70 CPU Value (higher is better)	\$156.99* Price (USD)
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920	3406 Passmark CPU Mark (higher is better)	734  Rank (lower is better)  719	21.70 CPU Value (higher is better) 24.70	\$156.99*  Price (USD)  \$140.00*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925	3406 Passmark CPU Mark (higher is better) 3458 3476	734  Rank (lower is better)  719  714	21.70 CPU Value (higher is better) 24.70 21.73	\$156.99*  Price (USD)  \$140.00*  \$159.99*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940	3406  Passmark CPU Mark (higher is better) 3458 3476 3643	734  Rank (lower is better)  719  714  669	21.70  CPU Value (higher is better)  24.70  21.73  34.71	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725	734  Rank (lower is better)  719  714  669  653	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993	734  Rank (lower is better)  719  714  669  653  603	21.70 CPU Value (higher is better) 24.70 21.73 34.71 23.28 33.28	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847	734  Rank (lower is better)  719  714  669  653  603  628	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246	734  Rank (lower is better)  719  714  669  653  603  628  560	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759	734  Rank (lower is better)  719  714  669  653  603  628  560  526	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40	\$156.99*  Price (USD)  \$140.00* \$159.99*  \$104.99*  \$160.00* \$119.99*  \$119.78*  \$145.00*  \$124.99*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 980	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA  \$129.99*  \$136.64*
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 980  AMD Phenom II X4 8700e	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$145.00*  \$124.99*  NA  \$129.99*  \$136.64*  NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 980  AMD Phenom II X4 8700e  AMD Phenom II X4 B05e	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA  \$129.99*  \$136.64*  NA  NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 980  AMD Phenom II X4 8700e  AMD Phenom II X4 B15e	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 980  AMD Phenom II X4 8700e  AMD Phenom II X4 B05e  AMD Phenom II X4 B15e  AMD Phenom II X4 B15e	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA  NA  NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 980  AMD Phenom II X4 800e  AMD Phenom II X4 B05e  AMD Phenom II X4 B15e  AMD Phenom II X4 B25  AMD Phenom II X4 B35	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA  NA  NA  NA  NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 8700e  AMD Phenom II X4 8700e  AMD Phenom II X4 B15e  AMD Phenom II X4 B25  AMD Phenom II X4 B35  AMD Phenom II X4 B40	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 870  AMD Phenom II X4 880  AMD Phenom II X4 B05e  AMD Phenom II X4 B15e  AMD Phenom II X4 B25  AMD Phenom II X4 B35  AMD Phenom II X4 B40  AMD Phenom II X4 B45	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428 3500	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730  706	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA  NA	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 870e  AMD Phenom II X4 B15e  AMD Phenom II X4 B15e  AMD Phenom II X4 B35  AMD Phenom II X4 B40  AMD Phenom II X4 B45  AMD Phenom II X4 B45  AMD Phenom II X4 B45	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428 3500 3744	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730  706  647	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 965  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 980  AMD Phenom II X4 8700e  AMD Phenom II X4 B15e  AMD Phenom II X4 B25  AMD Phenom II X4 B35  AMD Phenom II X4 B45  AMD Phenom II X4 B45  AMD Phenom II X4 B45  AMD Phenom II X4 B50  AMD Phenom II X4 B50  AMD Phenom II X4 B45	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428 3500 3744 3906	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730  706  647  620	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$145.00*  \$124.99*  NA  \$129.99*  \$136.64*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 870e  AMD Phenom II X4 B05e  AMD Phenom II X4 B15e  AMD Phenom II X4 B35  AMD Phenom II X4 B40  AMD Phenom II X4 B45  AMD Phenom II X4 B45  AMD Phenom II X4 B50  AMD Phenom II X4 B55  AMD Phenom II X4 B55  AMD Phenom II X4 B60	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428 3500 3744 3906 4104	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730  706  647  620  582	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	\$156.99*  Price (USD)  \$140.00* \$159.99* \$104.99* \$160.00* \$119.99* \$119.78* \$145.00* \$124.99* NA \$129.99* NA
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 8700e  AMD Phenom II X4 8700e  AMD Phenom II X4 B15e  AMD Phenom II X4 B25  AMD Phenom II X4 B35  AMD Phenom II X4 B40  AMD Phenom II X4 B45  AMD Phenom II X4 B45  AMD Phenom II X4 B55  AMD Phenom II X4 B55  AMD Phenom II X4 B60  AMD Phenom II X4 B60  AMD Phenom II X4 B65	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428 3500 3744 3906 4104 4194	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730  706  647  620  582  572	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$119.78*  \$145.00*  \$124.99*  NA  \$129.99*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
AMD Phenom II X4 910e  CPU Name  AMD Phenom II X4 920  AMD Phenom II X4 925  AMD Phenom II X4 940  AMD Phenom II X4 945  AMD Phenom II X4 955  AMD Phenom II X4 960T  AMD Phenom II X4 965  AMD Phenom II X4 970  AMD Phenom II X4 973  AMD Phenom II X4 975  AMD Phenom II X4 975  AMD Phenom II X4 800  AMD Phenom II X4 800e  AMD Phenom II X4 B05e  AMD Phenom II X4 B15e  AMD Phenom II X4 B25  AMD Phenom II X4 B35  AMD Phenom II X4 B40  AMD Phenom II X4 B45  AMD Phenom II X4 B50  AMD Phenom II X4 B55  AMD Phenom II X4 B60	3406  Passmark CPU Mark (higher is better) 3458 3476 3643 3725 3993 3847 4246 4424 3759 4571 4573 2377 2781 2736 3541 3446 3428 3500 3744 3906 4104	734  Rank (lower is better)  719  714  669  653  603  628  560  526  645  508  507  1000  885  900  691  724  730  706  647  620  582	21.70  CPU Value (higher is better)  24.70  21.73  34.71  23.28  33.28  32.12  29.29  35.40  NA  35.17  33.47  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	\$156.99*  Price (USD)  \$140.00*  \$159.99*  \$104.99*  \$160.00*  \$119.99*  \$145.00*  \$124.99*  NA  \$129.99*  \$136.64*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B95	3863	623	17.17	\$225.00*
AMD Phenom II X4 B97	3977	606	NA	NA
AMD Phenom II X4 B99	4206	566	NA	NA
AMD Phenom II X6 1035T	4743	478	25.10	\$189.00*
AMD Phenom II X6 1045T	4884	465	27.91	\$175.00*
AMD Phenom II X6 1055T	5054	442	27.32	\$185.00*
AMD Phenom II X6 1065T	5177	430	NA	NA
AMD Phenom II X6 1075T	5418	409	20.84	\$259.99*
AMD Phenom II X6 1090T	5673	379	12.02	\$472.13
AMD Phenom II X6 1100T	5842	361	14.75	\$395.99*
AMD Phenom II X620 Dual-Core	2189	1070	NA	NA
AMD Phenom II X640 Dual-Core	2021	1122	NA	NA
AMD Phenom II X920 Quad-Core	2765	895	NA	NA
AMD Phenom II X940 Quad-Core	2695	Insufficient data	NA	NA
AMD Phenom Ultra X4 24500	3945	611	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1256	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1065	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1500	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1371	NA	NA
AMD Phenom X3 8550	1929	1154	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1710	1245	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1051	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	905	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	910	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1488	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value	Price
AMD PRO A4-3350B APU	2691	Insufficient data	NA	NA
AMD PRO A4-8350B	2881	Insufficient data	NA	NA
AMD PRO A6-8500B	2511	Insufficient data	NA	NA
AMD PRO A6-8550B	3042	Insufficient data	NA	NA
AMD PRO A8-8600B	4155			
		576	NA	NA
AMD PRO A8-8650B				
	5551 4039	576 391 594	NA NA	NA NA
AMD PRO A8-8650B AMD PRO A10-8700B AMD PRO A10-8750B	5551	391	NA	NA
AMD PRO A10-8700B	5551 4039	391 594	NA NA	NA NA
AMD PRO A10-8700B AMD PRO A10-8750B AMD PRO A10-8850B	5551 4039 5612 5828	391 594 386 365	NA NA NA	NA NA NA NA
AMD PRO A10-8700B AMD PRO A10-8750B	5551 4039 5612	391 594 386	NA NA NA	NA NA NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B	5551 4039 5612 5828 4335 4467	391 594 386 365 537 Insufficient data	NA NA NA NA NA	NA NA NA NA NA NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B	5551 4039 5612 5828 4335	391 594 386 365 537	NA NA NA NA	NA NA NA NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU	5551 4039 5612 5828 4335 4467 1954 3019	391 594 386 365 537 Insufficient data 1145 819	NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB	5551 4039 5612 5828 4335 4467 1954 3019	391 594 386 365 537 Insufficient data 1145 819 520	NA	NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130	5551 4039 5612 5828 4335 4467 1954 3019 4468 702	391 594 386 365 537 Insufficient data 1145 819 520 1752	NA N	NA N
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 140	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733	NA N	NA S24.99* \$9.49*
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 140  AMD Sempron 145	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739 807	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733 1709	NA N	NA S24.99* \$9.49*
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 140  AMD Sempron 145  AMD Sempron 150	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739 807 680	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733 1709 1761	NA SSSSSSSS	NA S24.99* \$9.49* \$94.92 \$72.64*
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 140  AMD Sempron 145  AMD Sempron 150  AMD Sempron 200U	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739 807 680 267	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733 1709 1761 2128	NA N	NA S24.99* \$9.49* \$94.92 \$72.64* \$87.00*
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 145  AMD Sempron 150  AMD Sempron 200U  AMD Sempron 210U	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739 807 680 267 366	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733 1709 1761 2128 2001	NA N	NA S24.99* \$9.49* \$9.49* \$94.92 \$72.64* \$87.00* NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 145  AMD Sempron 150  AMD Sempron 200U  AMD Sempron 210U  AMD Sempron 2100+	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739 807 680 267 366 392	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733 1709 1761 2128 2001 1974	NA Selection Selection Selection Selection Selection Selection NA	NA S24.99* \$9.49* \$94.92 \$72.64* \$87.00* NA NA NA NA NA
AMD PRO A10-8700B  AMD PRO A10-8750B  AMD PRO A10-8850B  AMD PRO A12-8800B  AMD PRO A12-9800B  AMD R-460L APU  AMD R-464L APU  AMD RX-427BB  AMD Sempron 130  AMD Sempron 145  AMD Sempron 150  AMD Sempron 200U  AMD Sempron 210U	5551 4039 5612 5828 4335 4467 1954 3019 4468 702 739 807 680 267 366	391 594 386 365 537 Insufficient data 1145 819 520 1752 1733 1709 1761 2128 2001	NA N	NA S24.99* \$9.49* \$94.92 \$72.64* \$87.00* NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2500+	344	2029	4.31	\$79.95*
AMD Sempron 2600+	374	1989	6.25	\$59.95
AMD Sempron 2650 APU with Radeon R3	845	1689	26.44	\$31.99
AMD Sempron 2800+	385	1980	7.18	\$53.69*
AMD Sempron 3000+	407	1948	20.37	\$20.00
AMD Sempron 3100+	451	1901	7.53	\$60.00*
AMD Sempron 3200+	410	1945	1.52	\$269.75
AMD Sempron 3300+	484	1874	16.14	\$30.00
AMD Sempron 3400+	447	1909	29.84	\$15.00
AMD Sempron 3500+	402	1960	2.70	\$149.23
AMD Sempron 3600+	479	1878	39.95	\$12.00
AMD Sempron 3800+	554	1821	1.82	\$304.86
AMD Sempron 3850 APU with Radeon R3	1684	1266	44.36	\$37.97
AMD Sempron Dual Core 2100	869	1679	22.29	\$39.00*
AMD Sempron Dual Core 2200	995	1606	NA	NA
AMD Sempron Dual Core 2300	982	1613	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	1634	NA	NA
AMD Sempron Dual Core 4900	1081	1559	NA	NA
AMD Sempron LE-250	490	1866	NA	NA
AMD Sempron LE-1100	424	1931	NA	NA
AMD Sempron LE-1150	435	1923	NA	NA
AMD Sempron LE-1200	523	1839	NA	NA
AMD Sempron LE-1250	544	1824	18.78	\$28.99*
AMD Sempron LE-1300	618	1787	51.55	\$12.00
AND CEMPTON EE-1000	010	1707	01.00	Ψ12.00
AMD Sempron I F-1600	535	1834	NA	NA
AMD Sempron LE-1600 CPU Name	535  Passmark CPU  Mark  (higher is better)	Rank (lower is better)	NA CPU Value (higher is better)	Price (USD)
·	Passmark CPU	Rank (lower is better)	CPU Value	Price
CPU Name  AMD Sempron LE-1620	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100	Passmark CPU Mark (higher is better) 635 759	Rank (lower is better) 1778 1725	CPU Value (higher is better) NA NA	Price (USD) NA NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640	Passmark CPU Mark (higher is better) 635 759 581	Rank (lower is better) 1778 1725 1805 1802	CPU Value (higher is better) NA NA 48.42	Price (USD) NA NA \$12.00
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40	Passmark CPU Mark (higher is better) 635 759 581 587	Rank (lower is better) 1778 1725 1805 1802	CPU Value (higher is better) NA NA 48.42 NA 37.39	Price (USD)  NA  NA  \$12.00  NA  \$12.00
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42	Passmark CPU Mark (higher is better) 635 759 581 587 448	Rank (lower is better) 1778 1725 1805 1802 1907	CPU Value (higher is better) NA NA 48.42 NA 37.39	Price (USD)  NA  NA \$12.00  NA \$12.00 \$12.00
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252	Rank (lower is better) 1778 1725 1805 1802 1907 1903	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$412.00  \$12.00  \$69.40*
CPU Name  AMD Sempron LE-1620  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516	Rank (lower is better) 1778 1725 1805 1802 1907	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*
CPU Name  AMD Sempron LE-1620  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05 18.18	Price (USD)  NA  NA \$12.00  NA \$12.00 \$12.00 \$69.40* \$83.44*  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile MK-38	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA	Price (USD)  NA  NA \$12.00  NA \$12.00 \$12.00 \$69.40* \$83.44*  NA  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile MK-38  AMD Turion 64 Mobile ML-28	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05 18.18 NA NA NA	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile MK-38  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-28	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05 18.18 NA NA NA NA	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-38  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-30	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA	Price (USD)  NA  NA \$12.00  NA \$12.00 \$12.00 \$69.40* \$83.44*  NA  NA  NA  NA  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-34	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05 18.18 NA NA NA NA NA NA	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-34  AMD Turion 64 Mobile ML-34  AMD Turion 64 Mobile ML-37	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile MK-38  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-34  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA \$12.00  NA \$12.00 \$12.00 \$69.40* \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile MK-38  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-40	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520 615	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842  1790	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05 18.18 NA	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron M100  AMD Sempron M120  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-34  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-42	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520 615	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842  1790  1799	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-44  AMD Turion 64 Mobile ML-44  AMD Turion 64 Mobile ML-44	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520 615 591 419	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842  1790  1799	CPU Value (higher is better) NA NA 48.42 NA 37.39 37.51 18.05 18.18 NA	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-44  AMD Turion 64 Mobile MT-28  AMD Turion 64 Mobile MT-28  AMD Turion 64 Mobile MT-28  AMD Turion 64 Mobile MT-30	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520 615 591 419 378	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842  1790  1799  1933  1984	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron M100  AMD Sempron M120  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-43  AMD Turion 64 Mobile MT-30  AMD Turion 64 Mobile MT-30  AMD Turion 64 Mobile MT-30	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520 615 591 419 378 425	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842  1790  1799  1933  1984  1930	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  AMD Sempron LE-1620  AMD Sempron LE-1640  AMD Sempron M100  AMD Sempron M120  AMD Sempron SI-40  AMD Sempron SI-42  AMD Sempron X2 180  AMD Sempron X2 190  AMD Sempron X2 198 Dual-Core  AMD Turion 64 Mobile MK-36  AMD Turion 64 Mobile ML-28  AMD Turion 64 Mobile ML-30  AMD Turion 64 Mobile ML-32  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-37  AMD Turion 64 Mobile ML-40  AMD Turion 64 Mobile ML-42  AMD Turion 64 Mobile ML-44  AMD Turion 64 Mobile ML-48  AMD Turion 64 Mobile ML-44  AMD Turion 64 Mobile ML-48  AMD Turion 64 Mobile ML-44  AMD Turion 64 Mobile ML-48  AMD Turion 64 Mobile ML-48  AMD Turion 64 Mobile ML-48  AMD Turion 64 Mobile MT-30	Passmark CPU Mark (higher is better) 635 759 581 587 448 450 1252 1516 1413 463 505 390 397 403 424 445 520 615 591 419 378	Rank (lower is better)  1778  1725  1805  1802  1907  1903  1470  1336  Insufficient data  1892  1855  1976  1968  1953  1932  1910  1842  1790  1799  1933  1984	CPU Value (higher is better)  NA  NA  48.42  NA  37.39  37.51  18.05  18.18  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  \$12.00  NA  \$12.00  \$12.00  \$69.40*  \$83.44*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N

Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
536	1832	NA	NA
750	1729	41.83	\$17.95*
753	1727	NA	NA
872	1676	1.75	\$498.78*
956	1632	NA	NA
984	1611	36.49	\$26.99*
1093	1551	3.52	\$311.00*
1131	1530	28.73	\$39.39*
1094	1548	2.90	\$378.00*
1161	1511	12.91	\$90.00*
886	1669	59.10	\$15.00*
806	1710	21.22	\$38.00*
1016	Insufficient data	NA	NA
889	1668	80.89	\$10.99*
1316	1425	NA	NA
			\$72.55*
			NA
1			\$30.00*
			NA
			NA
			NA NA
	_		
			NA
			NA
			NA
	1361	48.95	\$29.89*
Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
1502	1340	NA	NA
1388	1389	60.37	\$23.00
1443	1369	NA	NA
1669	1277	NA	NA
1526	1331	NA	NA
841	1695	NA	NA
871	1677	NA	NA
939	1643	7.08	\$132.56*
1047	1573	NA	NA
998	1603	NA	NA
1095	1545	4.89	\$224.26*
1061	1569	35.46	\$29.95*
1142	1526	NA	NA
1230	1480	NA	NA
996	1605	66.43	\$15.00*
1078	1563	NA	NA
1197	1496	85.62	\$13.99
1209	1489	NA	NA
			\$34.95
1258	1468	3b.U2	
1258 1269	1468	36.02 31.79	\$39.95*
1269	1460	31.79	\$39.95*
1269 993	1460 1608	31.79 NA	\$39.95*  NA Septembe
1269	1460	31.79	\$39.95*
	Mark (higher is better) 536 750 753 872 956 984 1093 1131 1094 1161 886 806 1016 889 1316 1298 1295 1576 1521 973 1158 913 1397 1355 1463 Passmark CPU Mark (higher is better) 1502 1388 1443 1669 1526 841 871 939 1047 998 1095 1061 1142 1230 996 1078	Mark (higher is better)         Rank (lower is better)           536         1832           750         1729           753         1727           872         1676           956         1632           984         1611           1093         1551           1131         1530           1094         1548           1161         1511           886         1669           806         1710           1016         Insufficient data           889         1668           1316         1425           1298         1441           1295         1444           1576         1316           1521         1332           973         1620           1158         1512           913         1657           1397         1385           1355         1405           1463         1361           Passmark CPU Mark (higher is better)         Rank (lower is better)           1502         1340           1388         1389           1443         1369           1669         1277	Mark (higher is better)         Rank (lower is better)         CPU Value (higher is better)           536         1832         NA           750         1729         41.83           753         1727         NA           872         1676         1.75           956         1632         NA           984         1611         36.49           1093         1551         3.52           1131         1530         28.73           1094         1548         2.90           1161         1511         12.91           886         1669         59.10           806         1710         21.22           1016         Insufficient data         NA           889         1668         80.89           1316         1425         NA           1298         1441         17.90           1295         1444         NA           1576         1316         52.56           1521         1332         NA           973         1620         NA           1158         1512         NA           1397         1385         NA           1397

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V120	635	1779	NA	NA
AMD V140	646	1775	49.76	\$13.00*
AMD V160	686	1756	NA	NA
AMD Z-01	523	1838	NA	NA
AMD Z-60 APU	555	1820	NA	NA
AMD-K6 3D	90	2246	NA	NA
AMD-K6-III	108	2243	NA	NA
AMD-K7	403	1955	NA	NA
Athlon 64 Dual Core 3800+	1234	Insufficient data	NA	NA
Athlon 64 Dual Core 4200+	1156	1515	NA	NA
Athlon 64 Dual Core 4800+	1370	1398	NA	NA
Athlon 64 Dual Core 5000+	1497	1341	NA	NA
Athlon 64 Dual Core 5400+	1614	1295	NA	NA
Athlon 64 Dual Core 5600+	1548	1325	NA	NA
Athlon Dual Core 4050e	914	1656	NA	NA
Athlon Dual Core 4450e	1081	1560	NA	NA
Athlon Dual Core 4850e	1327	1420	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	871	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1094	1550	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1167	1509	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1244	1475	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1299	1440	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1490	NA	NA
HP Hexa-Core 2.0GHz	2062	1109	4.35	\$474.10*
Intel 1300 @ 1.66GHz	857	1685	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value	Price
	(nigner is better)			
Intel 1400 @ 1.83GHz	(higher is better) 980	1615	NA	NA
Intel 1400 @ 1.83GHz Intel 1500 @ 2.00GHz			NA NA	NA NA
	980	1615		
Intel 1500 @ 2.00GHz	980 1024	1615 1590	NA	NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz	980 1024 309	1615 1590 2062	NA NA	NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz	980 1024 309 595	1615 1590 2062 1798	NA NA NA	NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz	980 1024 309 595 898	1615 1590 2062 1798 1664	NA NA NA NA	NA NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz	980 1024 309 595 898 961	1615 1590 2062 1798 1664 Insufficient data	NA NA NA NA	NA NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz	980 1024 309 595 898 961 2329	1615 1590 2062 1798 1664 Insufficient data	NA NA NA NA NA	NA NA NA NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz	980 1024 309 595 898 961 2329 2169	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data	NA NA NA NA NA NA 15.38	NA NA NA NA NA NA S141.00
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz	980 1024 309 595 898 961 2329 2169 3831	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 630	NA NA NA NA NA NA 15.38 17.63	NA NA NA NA NA NA NA S141.00 \$217.32
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2758 @ 2.40GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 745	NA NA NA NA NA NA 15.38 17.63	NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98*
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.41GHz Intel Atom C2758 @ 2.40GHz Intel Atom D410 @ 1.66GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 1630 745 791 2061	NA NA NA NA NA NA 15.38 17.63 NA	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99*
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.41GHz Intel Atom C2758 @ 2.40GHz Intel Atom C2758 @ 2.40GHz Intel Atom C2758 @ 2.40GHz Intel Atom D410 @ 1.66GHz Intel Atom D425 @ 1.80GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 630 745 791	NA NA NA NA NA NA 15.38 17.63 NA 14.31	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98*
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.41GHz Intel Atom C2758 @ 2.40GHz Intel Atom C2758 @ 2.40GHz Intel Atom D410 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D425 @ 1.80GHz Intel Atom D510 @ 1.66GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 630 745 791 2061 2034 1770	NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2758 @ 2.40GHz Intel Atom C2750 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D510 @ 1.66GHz Intel Atom D510 @ 1.66GHz Intel Atom D525 @ 1.80GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 2061 2034 1770 1753	NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2758 @ 2.40GHz Intel Atom C2758 @ 2.40GHz Intel Atom D410 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D525 @ 1.80GHz Intel Atom D525 @ 1.80GHz Intel Atom D5250 @ 1.86GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 630 745 791 2061 2034 1770	NA NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom D410 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D510 @ 1.66GHz Intel Atom D525 @ 1.80GHz Intel Atom D2500 @ 1.86GHz Intel Atom D2500 @ 1.86GHz Intel Atom D2550 @ 1.86GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701 401	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 1630 745 791 2061 2034 1770 1753 1961	NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA NA	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA NA NA
Intel 1500 @ 2.00GHz  Intel Atom 230 @ 1.60GHz  Intel Atom 330 @ 1.60GHz  Intel Atom C2338 @ 1.74GHz  Intel Atom C2358 @ 1.74GHz  Intel Atom C2550 @ 2.40GHz  Intel Atom C2558 @ 2.40GHz  Intel Atom C2750 @ 1.66GHz  Intel Atom D410 @ 1.66GHz  Intel Atom D510 @ 1.86GHz  Intel Atom D5250 @ 1.80GHz  Intel Atom D2500 @ 1.86GHz  Intel Atom D2500 @ 1.86GHz  Intel Atom D2500 @ 1.86GHz  Intel Atom D2560 @ 2.00GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701 401 664 711	1615 1590 2062 1798 1664 Insufficient data	NA NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA NA NA	NA NA NA NA NA NA NA NA NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA NA NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom D410 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D510 @ 1.66GHz Intel Atom D525 @ 1.80GHz Intel Atom D5550 @ 1.86GHz Intel Atom D2550 @ 1.86GHz Intel Atom D2560 @ 2.00GHz Intel Atom D2560 @ 2.00GHz Intel Atom D2700 @ 2.13GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701 401 664 711 844	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 1630 745 791 2061 2034 1770 1753 1961 1767 Insufficient data 1690	NA NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA NA NA NA	NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA NA NA NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 2.40GHz Intel Atom C2750 @ 2.41GHz Intel Atom C2750 @ 2.41GHz Intel Atom C2758 @ 2.40GHz Intel Atom D410 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D510 @ 1.86GHz Intel Atom D525 @ 1.80GHz Intel Atom D2500 @ 1.86GHz Intel Atom D2500 @ 1.86GHz Intel Atom D2560 @ 2.00GHz Intel Atom D2700 @ 2.13GHz Intel Atom D2701 @ 2.13GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701 401 664 711 844 720	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 1630 745 791 2061 2034 1770 1753 1961 1767 Insufficient data 1690 1742	NA NA NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA NA NA NA NA	NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA NA NA NA NA NA NA
Intel 1500 @ 2.00GHz Intel Atom 230 @ 1.60GHz Intel Atom 330 @ 1.60GHz Intel Atom C2338 @ 1.74GHz Intel Atom C2358 @ 1.74GHz Intel Atom C2550 @ 2.40GHz Intel Atom C2558 @ 2.40GHz Intel Atom C2750 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D410 @ 1.66GHz Intel Atom D510 @ 1.86GHz Intel Atom D5250 @ 1.80GHz Intel Atom D2500 @ 1.86GHz Intel Atom D2500 @ 1.86GHz Intel Atom D2500 @ 2.00GHz Intel Atom D2700 @ 2.13GHz Intel Atom D2701 @ 2.13GHz Intel Atom E660 @ 1.30GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701 401 664 711 844 720 271	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 1630 745 791 2061 2034 1770 1753 1961 1767 Insufficient data 1690 1742 2125	NA NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA	NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA
Intel 1500 @ 2.00GHz  Intel Atom 230 @ 1.60GHz  Intel Atom 330 @ 1.60GHz  Intel Atom C2338 @ 1.74GHz  Intel Atom C2358 @ 1.74GHz  Intel Atom C2550 @ 2.40GHz  Intel Atom C2558 @ 2.40GHz  Intel Atom C2750 @ 2.40GHz  Intel Atom D410 @ 1.66GHz  Intel Atom D410 @ 1.66GHz  Intel Atom D510 @ 1.86GHz  Intel Atom D5250 @ 1.80GHz  Intel Atom D2500 @ 1.86GHz  Intel Atom D2560 @ 2.00GHz  Intel Atom D2700 @ 2.13GHz  Intel Atom D2701 @ 2.13GHz	980 1024 309 595 898 961 2329 2169 3831 3344 3162 310 336 653 701 401 664 711 844 720	1615 1590 2062 1798 1664 Insufficient data Insufficient data Insufficient data 1630 745 791 2061 2034 1770 1753 1961 1767 Insufficient data 1690 1742	NA NA NA NA NA NA NA NA NA 15.38 17.63 NA 14.31 0.49 0.34 6.00 NA NA NA NA NA	NA S141.00 \$217.32 NA \$220.98* \$635.99* \$992.98* \$109.00 NA NA NA NA NA NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3826 @ 1.46GHz	402	1958	NA	NA
Intel Atom E3827 @ 1.74GHz	849	Insufficient data	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1510	NA	NA
Intel Atom E3845 @ 1.91GHz	1403	1381	NA	NA
Intel Atom K510 @ 1.66GHz	658	1769	NA	NA
Intel Atom N270 @ 1.60GHz	271	2126	NA	NA
Intel Atom N280 @ 1.66GHz	288	2095	NA	NA
Intel Atom N435 @ 1.33GHz	236	2167	NA	NA
Intel Atom N450 @ 1.66GHz	296	2083	NA	NA
Intel Atom N455 @ 1.66GHz	284	2102	NA	NA
Intel Atom N470 @ 1.83GHz	307	2065	NA	NA
Intel Atom N475 @ 1.83GHz	326	2041	NA	NA
Intel Atom N550 @ 1.50GHz	514	1847	5.99	\$86.00*
Intel Atom N570 @ 1.66GHz	579	1807	6.74	\$86.00*
Intel Atom N2100 @ 1.60GHz	321	2047	NA	NA
Intel Atom N2600 @ 1.60GHz	530	1837	NA	NA
Intel Atom N2800 @ 1.86GHz	621	1786	NA	NA
Intel Atom \$1260 @ 2.00GHz	916	Insufficient data	14.32	\$64.00*
Intel Atom x5-E8000 @ 1.04GHz	1595	1307	NA	NA
	1201	1492	8.58	
Intel Atom x5-Z8300 @ 1.44GHz	832	1702	NA	\$139.99* NA
Intel Atom x5-Z8330 @ 1.44GHz				
Intel Atom x5-Z8500 @ 1.44GHz	1708	1247	22.48	\$76.00
Intel Atom x5-Z8550 @ 1.44GHz	1867	Insufficient data	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1939	1150	22.04	\$88.00
Intel Atom Z510 @ 1.10GHz	194	2202	4.33	\$45.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z515 @ 1.20GHz	218	2185	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2187	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2111	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2023	NA	NA
Intel Atom Z550 @ 2.00GHz	381	1981	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2152	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	1815	NA	NA
Intel Atom Z3735D @ 1.33GHz	920	1654	NA	NA
Intel Atom Z3735E @ 1.33GHz	929	1647	7.94	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	1660	16.66	\$54.54
Intel Atom Z3735G @ 1.33GHz	911	1659	NA	NA
Intel Atom Z3736F @ 1.33GHz	923	1650	NA	NA
Intel Atom Z3740 @ 1.33GHz	1064	1568	NA	NA
Intel Atom Z3740 @ 1.33GHz	1028	1587	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	1562	NA	NA
Intel Atom Z3745D @ 1.33GHz	1082	1557	NA 42 27	NA cos so
Intel Atom 73770 @ 1.46GHz	1244	1474 Insufficient data	13.27	\$93.80
Intel Atom 73775 @ 4.46CUz	805		NA 25.00	NA \$25.00*
Intel Atom Z3775 @ 1.46GHz	1259	1467	35.98	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1296	1442	NA	NAbe
Intel Atom Z3795 @ 1.60GHz	1737	1232	NA	NA September Special
Intel Celeron 1.70GHz	129	2238	NA	00% OF
Intel Celeron 1.80GHz	137	2235	NA	Wireless"
Intel Celeron 2.00GHz	186	2211	NA	NA WITCH

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.10GHz	244	2160	NA	NA
Intel Celeron 2.13GHz	211	2191	NA	NA
Intel Celeron 2.20GHz	213	2189	NA	NA
Intel Celeron 2.26GHz	224	2178	NA	NA
Intel Celeron 2.30GHz	227	2175	NA	NA
Intel Celeron 2.40GHz	218	2186	NA	NA
Intel Celeron 2.50GHz	253	2146	NA	NA
Intel Celeron 2.53GHz	246	2156	NA	NA
Intel Celeron 2.60GHz	242	2161	NA	NA
Intel Celeron 2.66GHz	252	2147	NA	NA
Intel Celeron 2.70GHz	245	2159	NA	NA
Intel Celeron 2.80GHz	257	2142	NA	NA
Intel Celeron 2.93GHz	283	2105	NA	NA
Intel Celeron 3.06GHz	286	2101	NA	NA
Intel Celeron 3.20GHz	288	2096	NA	NA
Intel Celeron 3.33GHz	333	2038	NA	NA
	333	2038	NA	NA NA
Intel Celeron 215 @ 1.33GHz				
Intel Celeron 220 @ 1.20GHz	320	2050	NA 10.00	NA
Intel Celeron 420 @ 1.60GHz	453	1900	13.03	\$34.78
Intel Celeron 430 @ 1.80GHz	491	1865	6.15	\$79.95
Intel Celeron 440 @ 2.00GHz	539	1830	7.19	\$74.99
Intel Celeron 450 @ 2.20GHz	623	1783	NA	NA
Intel Celeron 530 @ 1.73GHz	481	1876	19.32	\$24.95*
Intel Celeron 540 @ 1.86GHz	516	1846	NA	NA
Intel Celeron 550 @ 2.00GHz	500	1858	38.53	\$13.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 560 @ 2.13GHz	536	1833	6.71	\$79.95
Intel Celeron 570 @ 2.26GHz	557	1818	NA	NA
Intel Celeron 600MHz	147	2233	NA	NA
Intel Celeron 723 @ 1.20GHz	404	1951	NA	NA
Intel Celeron 743 @ 1.30GHz	412	1943	NA	NA
Intel Celeron 807 @ 1.50GHz	751	Insufficient data	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	1996	NA	NA
Intel Celeron 827E @ 1.40GHz	566	1817	NA	NA
Intel Celeron 847 @ 1.10GHz	940	1642	2.99	\$315.00*
Intel Celeron 847E @ 1.10GHz	1011	1595	NA	NA
Intel Celeron 857 @ 1.20GHz	1156	1513	NA	NA
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Intel Celeron 867 @ 1.30GHz	1199	1495	NA	NA
Intel Celeron 877 @ 1.40GHz	1306	1431	NA	NA
Intel Celeron 887 @ 1.50GHz	1322	1421	NA	NA
Intel Celeron 900 @ 2.20GHz	683	1759	36.37	\$18.80*
Intel Celeron 925 @ 2.30GHz	672	1763	NA	NA
Intel Celeron 1000M @ 1.80GHz	1667	1279	NA	NA
Intel Celeron 1000MHz	241	2162	NA	NA
Intel Celeron 1005M @ 1.90GHz	1864	1185	NA	NA
Intel Celeron 1007U @ 1.50GHz	1412	1380	7.63	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1598	1305	NA	NA September
Intel Celeron 1019Y @ 1.00GHz	972	1621	NA	NA Special
Intel Celeron 1020E @ 2.20GHz	2232	Insufficient data	NA	NA Wireless N
Intel Celeron 1037U @ 1.80GHz	1744	1230	NA	NA Wireless

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1047UE @ 1.40GHz	1188	1499	NA	NA
Intel Celeron 1066MHz	259	2137	NA	NA
Intel Celeron 1100MHz	174	2220	NA	NA
Intel Celeron 1133MHz	282	2106	NA	NA
Intel Celeron 1200MHz	263	2134	NA	NA
Intel Celeron 1300MHz	288	2097	NA	NA
Intel Celeron 1333MHz	290	2090	NA	NA
Intel Celeron 1400MHz	302	2076	NA	NA
Intel Celeron 2950M @ 2.00GHz	2127	1087	NA	NA
Intel Celeron 2955U @ 1.40GHz	1461	1363	NA	NA
Intel Celeron 2957U @ 1.40GHz	1478	1349	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1070	1565	NA	NA
Intel Celeron 2970M @ 2.20GHz	2416	987	NA	NA
Intel Celeron 2980U @ 1.60GHz	1563	1319	NA	NA
Intel Celeron 3205U @ 1.50GHz	1690	1261	NA	NA
Intel Celeron 3215U @ 1.70GHz	1827	1197	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1254	NA	NA
Intel Celeron 3765U @ 1.90GHz	2110	Insufficient data	NA	NA
Intel Celeron 3855U @ 1.60GHz	1716	1243	NA	NA
	1942	1149	NA	NA
Intel Celeron 3955U @ 2.00GHz Intel Celeron @ 1.30GHz	965	Insufficient data	NA	NA
	186	Insufficient data	NA	NA
Intel Celeron B710 @ 1.60GHz				
Intel Celeron B720 @ 1.70GHz	814	1707	NA	NA
Intel Celeron B800 @ 1.50GHz	1307	1429	NA	NA
Intel Celeron B810 @ 1.60GHz	1346 Passmark CPU	1411	NA	NA - ·
CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
1 4 1 0 1 BOAT O 4 60 CT		1412	NA	NA
Intel Celeron B815 @ 1.60GHz	1346	1712		
	1346 1440	1370	NA	NA
			NA NA	NA NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz	1440	1370		
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz	1440 1533	1370 1329	NA	NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz	1440 1533 1766	1370 1329 1219	NA NA	NA NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz	1440 1533 1766 280	1370 1329 1219 2112	NA NA NA	NA NA NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz	1440 1533 1766 280 306	1370 1329 1219 2112 2067	NA NA NA	NA NA NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz	1440 1533 1766 280 306 320	1370 1329 1219 2112 2067 2051	NA NA NA NA	NA NA NA NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz	1440 1533 1766 280 306 320 334	1370 1329 1219 2112 2067 2051 2037	NA NA NA NA NA	NA NA NA NA NA NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz	1440 1533 1766 280 306 320 334 404	1370 1329 1219 2112 2067 2051 2037 1952	NA NA NA NA NA NA A4.50	NA NA NA NA NA NA \$89.95*
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz	1440 1533 1766 280 306 320 334 404 481	1370 1329 1219 2112 2067 2051 2037 1952	NA A.50 NA	NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz	1440 1533 1766 280 306 320 334 404 481 585	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803	NA A.50 NA	NA N
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz	1440 1533 1766 280 306 320 334 404 481 585 864	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683	NA NA NA NA NA NA NA NA A.50 NA NA A.50 NA NA NA	NA NA NA NA NA NA NA NA NA \$89.95* NA NA \$39.99
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1400 @ 2.00GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572	NA NA NA NA NA NA NA NA NA A.50 NA NA A.1.50 NA NA NA NA NA NA 21.63	NA S89.95* NA NA S39.99 \$79.95
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1500 @ 2.00GHz Intel Celeron E1500 @ 2.20GHz Intel Celeron E1600 @ 2.40GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527	NA NA NA NA NA NA NA NA 4.50 NA NA 21.63 13.17 27.18	NA NA NA NA NA NA NA NA S89.95* NA NA S39.99 \$79.95 \$42.00
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1500 @ 2.00GHz Intel Celeron E1600 @ 2.20GHz Intel Celeron E1600 @ 2.40GHz Intel Celeron E3200 @ 2.40GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464	NA NA NA NA NA NA NA NA NA 4.50 NA NA 21.63 13.17 27.18 NA	NA NA NA NA NA NA NA NA NA S89.95* NA NA S39.99 \$79.95 \$42.00 NA
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1500 @ 2.00GHz Intel Celeron E1600 @ 2.20GHz Intel Celeron E1600 @ 2.40GHz Intel Celeron E3200 @ 2.40GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260 1386	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464 1391	NA NA NA NA NA NA NA NA NA A.50 NA NA 21.63 13.17 27.18 NA 26.68	NA S89.95* NA NA S39.99 \$79.95 \$42.00 NA \$51.99*
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 366 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1500 @ 2.00GHz Intel Celeron E1600 @ 2.40GHz Intel Celeron E3200 @ 2.40GHz Intel Celeron E3300 @ 2.50GHz Intel Celeron E3400 @ 2.50GHz Intel Celeron E3400 @ 2.60GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260 1386 1398 1449	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464 1391 1383 1367	NA A.50 NA NA 21.63 13.17 27.18 NA 26.68 19.98 7.53	NA S89.95* NA NA S39.99 \$79.95 \$42.00 NA \$51.99* \$70.00*
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 366 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1200 @ 2.00GHz Intel Celeron E1600 @ 2.20GHz Intel Celeron E1600 @ 2.40GHz Intel Celeron E3200 @ 2.40GHz Intel Celeron E3300 @ 2.50GHz Intel Celeron E3400 @ 2.60GHz Intel Celeron E3400 @ 2.60GHz Intel Celeron E3500 @ 2.70GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260 1386 1398 1449 1419	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464 1391 1383 1367	NA A.50 NA NA 21.63 13.17 27.18 NA 26.68 19.98 7.53 18.93	NA S9.95* NA NA \$39.99 \$79.95 \$42.00 NA \$51.99* \$70.00* \$192.57 \$75.00 \$44.99
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 366 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1400 @ 2.00GHz Intel Celeron E1500 @ 2.20GHz Intel Celeron E3200 @ 2.40GHz Intel Celeron E3300 @ 2.50GHz Intel Celeron E3400 @ 2.60GHz Intel Celeron E3400 @ 2.60GHz Intel Celeron E3500 @ 2.70GHz Intel Celeron E3500 @ 2.70GHz Intel Celeron G440 @ 1.60GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260 1386 1398 1449 1419 689	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464 1391 1383 1367 1375	NA A.50 NA 21.63 13.17 27.18 NA 26.68 19.98 7.53 18.93 15.33	NA S89.95* NA NA S39.99 \$79.95 \$42.00 NA \$51.99* \$70.00* \$192.57 \$75.00 \$44.99
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 366 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1400 @ 2.00GHz Intel Celeron E1500 @ 2.20GHz Intel Celeron E3200 @ 2.40GHz Intel Celeron E3300 @ 2.50GHz Intel Celeron E3400 @ 2.50GHz Intel Celeron E3500 @ 2.70GHz Intel Celeron E3500 @ 2.70GHz Intel Celeron G440 @ 1.60GHz Intel Celeron G440 @ 1.60GHz Intel Celeron G460 @ 1.80GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260 1386 1398 1449 1419 689 1040	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464 1391 1383 1367 1375 1755	NA NA NA NA NA NA NA NA NA A.50 NA NA 21.63 13.17 27.18 NA 26.68 19.98 7.53 18.93 15.33 9.91	NA S89.95* NA NA S39.99 \$79.95 \$42.00 NA \$51.99* \$70.00* \$192.57 \$75.00 \$44.99 \$105.
Intel Celeron B820 @ 1.70GHz Intel Celeron B830 @ 1.80GHz Intel Celeron B840 @ 1.90GHz Intel Celeron D 347 @ 3.06GHz Intel Celeron D 352 @ 3.20GHz Intel Celeron D 356 @ 3.33GHz Intel Celeron D 360 @ 3.46GHz Intel Celeron D 365 @ 3.60GHz Intel Celeron D 420 @ 1.60GHz Intel Celeron D 430 @ 1.80GHz Intel Celeron E1200 @ 1.60GHz Intel Celeron E1400 @ 2.00GHz Intel Celeron E1500 @ 2.20GHz Intel Celeron E3200 @ 2.40GHz Intel Celeron E3300 @ 2.50GHz Intel Celeron E3400 @ 2.60GHz Intel Celeron E3400 @ 2.60GHz Intel Celeron E3500 @ 2.70GHz Intel Celeron E3500 @ 2.70GHz Intel Celeron G440 @ 1.60GHz	1440 1533 1766 280 306 320 334 404 481 585 864 1052 1141 1260 1386 1398 1449 1419 689	1370 1329 1219 2112 2067 2051 2037 1952 1877 1803 1683 1572 1527 1464 1391 1383 1367 1375	NA A.50 NA 21.63 13.17 27.18 NA 26.68 19.98 7.53 18.93 15.33	NA S9.95* NA NA \$39.99 \$79.95 \$42.00 NA \$51.99* \$70.00* \$192.57 \$75.00 \$44.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G530T @ 2.00GHz	1604	Insufficient data	NA	NA
Intel Celeron G540 @ 2.50GHz	2235	1049	11.18	\$200.00
Intel Celeron G540T @ 2.10GHz	2114	1090	NA	NA
Intel Celeron G550 @ 2.60GHz	2313	1016	17.58	\$131.59
Intel Celeron G550T @ 2.20GHz	2100	1094	NA	NA
Intel Celeron G555 @ 2.70GHz	2479	970	41.33	\$59.99*
Intel Celeron G1101 @ 2.27GHz	1727	1238	20.33	\$85.00*
ntel Celeron G1610 @ 2.60GHz	2517	954	51.85	\$48.56
ntel Celeron G1610T @ 2.30GHz	2336	1009	26.25	\$89.00*
Intel Celeron G1620 @ 2.70GHz	2608	929	16.98	\$153.59
Intel Celeron G1620T @ 2.40GHz	2287	1027	54.46	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2497	963	31.22	\$79.99
ntel Celeron G1820 @ 2.70GHz	2794	883	59.07	\$47.31
ntel Celeron G1820T @ 2.40GHz	2487	967	59,23	\$42.00*
ntel Celeron G1820TE @ 2.20GHz	2230	1053	NA	NA
ntel Celeron G1830 @ 2.80GHz	2705	906	45.79	\$59.07
ntel Celeron G1830 @ 2.80GHz	2984	836	64.21	\$46.49
	2632	922	NA	NA
Intel Celeron G1840T @ 2.50GHz				
Intel Celeron G1850 @ 2.90GHz	2936	848	50.63	\$57.99
Intel Celeron G3900 @ 2.80GHz	2981	837	70.06	\$42.56
ntel Celeron G3900T @ 2.60GHz	2980	839	NA	NA
ntel Celeron G3920 @ 2.90GHz	3760	643	78.99	\$47.61
ntel Celeron J1750 @ 2.41GHz	1037	1583	NA	NA
Intel Celeron J1800 @ 2.41GHz	1037	1584	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1296	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1900 @ 1.99GHz	1882	1177	NA	NA
ntel Celeron J3060 @ 1.60GHz	1042	1578	NA	NA
Intel Celeron J3160 @ 1.60GHz	1881	1178	NA	NA
ntel Celeron M 1.00GHz	247	2155	3.30	\$74.95
ntel Celeron M 1.30GHz	321	2049	NA	NA
ntel Celeron M 1.50GHz	347	2024	NA	NA
ntel Celeron M 1.60GHz	365	2004	NA	NA
Intel Celeron M 1.70GHz	397	1967	NA	NA
Intel Celeron M 360 1.40GHz				NA
Intel Celeron M 410 @ 1.46GHz	329	2039	NA	
inter defendir with the table in the carrie	329	2039	NA	
	335	2036	NA	NA
Intel Celeron M 420 @ 1.60GHz	335 339	2036 2031	NA NA	NA NA
intel Celeron M 420 @ 1.60GHz intel Celeron M 430 @ 1.73GHz	335 339 374	2036 2031 1991	NA NA NA	NA NA NA
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz	335 339 374 413	2036 2031 1991 1941	NA NA NA NA	NA NA NA NA
ntel Celeron M 420 @ 1.60GHz ntel Celeron M 430 @ 1.73GHz ntel Celeron M 440 @ 1.86GHz ntel Celeron M 443 @ 1.20GHz	335 339 374 413 253	2036 2031 1991 1941 2145	NA NA NA NA	NA NA NA NA
ntel Celeron M 420 @ 1.60GHz ntel Celeron M 430 @ 1.73GHz ntel Celeron M 440 @ 1.86GHz ntel Celeron M 443 @ 1.20GHz ntel Celeron M 450 @ 2.00GHz	335 339 374 413 253 455	2036 2031 1991 1941 2145 1899	NA NA NA NA NA	NA NA NA NA NA NA
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz Intel Celeron M 443 @ 1.20GHz Intel Celeron M 450 @ 2.00GHz Intel Celeron M 520 @ 1.60GHz	335 339 374 413 253 455 430	2036 2031 1991 1941 2145 1899 1927	NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz Intel Celeron M 443 @ 1.20GHz Intel Celeron M 450 @ 2.00GHz Intel Celeron M 520 @ 1.60GHz Intel Celeron M 530 @ 1.73GHz	335 339 374 413 253 455 430 450	2036 2031 1991 1941 2145 1899 1927 1904	NA	NA NA NA NA NA NA NA NA NA
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz Intel Celeron M 443 @ 1.20GHz Intel Celeron M 450 @ 2.00GHz Intel Celeron M 520 @ 1.60GHz Intel Celeron M 530 @ 1.73GHz Intel Celeron M 540 @ 1.86GHz	335 339 374 413 253 455 430 450 542	2036 2031 1991 1941 2145 1899 1927 1904	NA	NA
ntel Celeron M 420 @ 1.60GHz ntel Celeron M 430 @ 1.73GHz ntel Celeron M 440 @ 1.86GHz ntel Celeron M 443 @ 1.20GHz ntel Celeron M 450 @ 2.00GHz ntel Celeron M 520 @ 1.60GHz ntel Celeron M 530 @ 1.73GHz ntel Celeron M 540 @ 1.86GHz ntel Celeron M 600MHz	335 339 374 413 253 455 430 450 542	2036 2031 1991 1941 2145 1899 1927 1904 1827 2231	NA	NA
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz Intel Celeron M 443 @ 1.20GHz Intel Celeron M 450 @ 2.00GHz Intel Celeron M 520 @ 1.60GHz Intel Celeron M 530 @ 1.73GHz Intel Celeron M 540 @ 1.86GHz Intel Celeron M 600MHz	335 339 374 413 253 455 430 450 542	2036 2031 1991 1941 2145 1899 1927 1904	NA	NA
ntel Celeron M 420 @ 1.60GHz ntel Celeron M 430 @ 1.73GHz ntel Celeron M 440 @ 1.86GHz ntel Celeron M 443 @ 1.20GHz ntel Celeron M 450 @ 2.00GHz ntel Celeron M 520 @ 1.60GHz ntel Celeron M 530 @ 1.73GHz ntel Celeron M 540 @ 1.86GHz ntel Celeron M 600MHz ntel Celeron M 723 @ 1.20GHz	335 339 374 413 253 455 430 450 542	2036 2031 1991 1941 2145 1899 1927 1904 1827 2231	NA	NA N
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz Intel Celeron M 443 @ 1.20GHz Intel Celeron M 450 @ 2.00GHz Intel Celeron M 520 @ 1.60GHz Intel Celeron M 530 @ 1.73GHz Intel Celeron M 540 @ 1.86GHz Intel Celeron M 600MHz Intel Celeron M 723 @ 1.20GHz Intel Celeron M 900MHz Intel Celeron M 900MHz Intel Celeron M 1200MHz	335 339 374 413 253 455 430 450 542 151 418	2036 2031 1991 1941 2145 1899 1927 1904 1827 2231 1934	NA N	NA N
Intel Celeron M 420 @ 1.60GHz Intel Celeron M 430 @ 1.73GHz Intel Celeron M 440 @ 1.86GHz Intel Celeron M 443 @ 1.20GHz Intel Celeron M 450 @ 2.00GHz Intel Celeron M 520 @ 1.60GHz Intel Celeron M 530 @ 1.73GHz Intel Celeron M 540 @ 1.86GHz Intel Celeron M 600MHz Intel Celeron M 723 @ 1.20GHz Intel Celeron M 900MHz	335 339 374 413 253 455 430 450 542 151 418 213	2036 2031 1991 1941 2145 1899 1927 1904 1827 2231 1934 2190	NA N	NA N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M ULV 800MHz	184	2214	NA	NA
Intel Celeron N2805 @ 1.46GHz	449	1905	NA	NA
Intel Celeron N2806 @ 1.60GHz	772	1721	NA	NA
Intel Celeron N2807 @ 1.58GHz	868	1680	NA	NA
Intel Celeron N2808 @ 1.58GHz	991	1609	NA	NA
Intel Celeron N2810 @ 2.00GHz	816	1706	3.03	\$269.43*
Intel Celeron N2815 @ 1.86GHz	866	1682	NA	NA
Intel Celeron N2820 @ 2.13GHz	981	1614	6.07	\$161.87*
Intel Celeron N2830 @ 2.16GHz	980	1616	NA	NA
Intel Celeron N2840 @ 2.16GHz	1035	1585	NA	NA
Intel Celeron N2910 @ 1.60GHz	1221	1484	NA	NA
Intel Celeron N2920 @ 1.86GHz	1533	1328	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1282	NA	NA
Intel Celeron N2940 @ 1.83GHz	1781	1214	NA	NA
Intel Celeron N3000 @ 1.04GHz	914	1655	NA	NA
Intel Celeron N3050 @ 1.60GHz	907	1661	4.28	\$212.00*
Intel Celeron N3060 @ 1.60GHz	1018	1592	NA NA	NA
		1250	NA	NA
Intel Coloren N3150 @ 1.60GHz	1706			
Intel Celeron N3160 @ 1.60GHz	1472	1352	NA NA	NA
Intel Celeron P4500 @ 1.87GHz	1177	1502	NA NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1607	NA	NA
Intel Celeron P4600 @ 2.00GHz	1375	1396	NA	NA
Intel Celeron SU2300 @ 1.20GHz	779	1716	NA	NA
Intel Celeron T1600 @ 1.66GHz	923	1651	46.17	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1570	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U1900 @ 1.99GHz	1704	Insufficient data	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	1735	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	1757	NA	NA
Intel Celeron U3600 @ 1.20GHz	777	1718	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1054	1571	12.91	\$81.74*
Intel Core2 Duo E4400 @ 2.00GHz	1153	1519	10.68	\$108.00*
Intel Core2 Duo E4500 @ 2.20GHz	1278	1451	36.55	\$34.99*
Intel Core2 Duo E4600 @ 2.40GHz	1392	1387	34.83	\$39.99
Intel Core2 Duo E4700 @ 2.60GHz	1490	1346	14.91	\$100.00*
	1430	1340	ITIVI	
Intel Core2 Duo E6300 @ 1.86GHz				
Intel Core2 Duo E6300 @ 1.86GHz	1119	1534	23.83	\$46.99
Intel Core2 Duo E6320 @ 1.86GHz	1119 1190	1534 1498	23.83 NA	\$46.99 NA
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz	1119 1190 1295	1534 1498 1443	23.83 NA 19.70	\$46.99 NA \$65.76*
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz	1119 1190 1295 1374	1534 1498 1443 1397	23.83 NA 19.70 NA	\$46.99 NA \$65.76* NA
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz	1119 1190 1295 1374 1464	1534 1498 1443 1397 1360	23.83 NA 19.70 NA NA	\$46.99 NA \$65.76* NA
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz	1119 1190 1295 1374 1464 1503	1534 1498 1443 1397 1360	23.83 NA 19.70 NA NA 37.58	\$46.99 NA \$65.76* NA NA \$40.00*
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6600 @ 2.40GHz	1119 1190 1295 1374 1464 1503 1561	1534 1498 1443 1397 1360 1339	23.83 NA 19.70 NA NA 37.58 23.68	\$46.99 NA \$65.76* NA NA \$40.00* \$65.94
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6600 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz	1119 1190 1295 1374 1464 1503 1561 1707	1534 1498 1443 1397 1360 1339 1320 1248	23.83 NA 19.70 NA NA 37.58 23.68 10.67	\$46.99 NA \$65.76* NA NA \$40.00* \$65.94 \$160.00
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6600 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz Intel Core2 Duo E6750 @ 2.66GHz	1119 1190 1295 1374 1464 1503 1561 1707	1534 1498 1443 1397 1360 1339 1320 1248	23.83 NA 19.70 NA NA 37.58 23.68 10.67 40.05	\$46.99 NA \$65.76* NA NA \$40.00* \$65.94 \$160.00 \$43.10*
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6600 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz Intel Core2 Duo E6750 @ 2.66GHz Intel Core2 Duo E6850 @ 3.00GHz	1119 1190 1295 1374 1464 1503 1561 1707 1725	1534 1498 1443 1397 1360 1339 1320 1248 1241	23.83 NA 19.70 NA NA 37.58 23.68 10.67 40.05 29.94	\$46.99 NA \$65.76* NA NA \$40.00* \$65.94 \$160.00 \$43.10* \$65.50
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6600 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz Intel Core2 Duo E6750 @ 2.66GHz Intel Core2 Duo E6850 @ 3.00GHz Intel Core2 Duo E7200 @ 2.53GHz	1119 1190 1295 1374 1464 1503 1561 1707 1725 1961 1643	1534 1498 1443 1397 1360 1339 1320 1248 1241 1144	23.83 NA 19.70 NA NA 37.58 23.68 10.67 40.05 29.94 8.65	\$46.99 NA \$65.76* NA NA \$40.00* \$65.94 \$160.00 \$43.10* \$65.50 \$189.95*
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6650 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz Intel Core2 Duo E6750 @ 2.66GHz Intel Core2 Duo E6850 @ 3.00GHz Intel Core2 Duo E7200 @ 2.53GHz Intel Core2 Duo E7300 @ 2.66GHz	1119 1190 1295 1374 1464 1503 1561 1707 1725 1961 1643 1735	1534 1498 1443 1397 1360 1339 1320 1248 1241 1144 1286	23.83 NA 19.70 NA NA 37.58 23.68 10.67 40.05 29.94 8.65 NA	\$46.99  NA \$65.76*  NA  NA \$40.00* \$65.94 \$160.00 \$43.10* \$65.50 \$189.95*  NA  Septembe
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6650 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz Intel Core2 Duo E6750 @ 2.66GHz Intel Core2 Duo E6850 @ 3.00GHz Intel Core2 Duo E7300 @ 2.53GHz Intel Core2 Duo E7300 @ 2.66GHz Intel Core2 Duo E7300 @ 2.66GHz Intel Core2 Duo E7300 @ 2.66GHz Intel Core2 Duo E7400 @ 2.80GHz	1119 1190 1295 1374 1464 1503 1561 1707 1725 1961 1643 1735 1779	1534 1498 1443 1397 1360 1339 1320 1248 1241 1144	23.83 NA 19.70 NA NA 37.58 23.68 10.67 40.05 29.94 8.65	\$46.99  NA \$65.76*  NA  NA \$40.00* \$65.94 \$160.00 \$43.10* \$65.50 \$189.95*  NA \$24.99  September Special
Intel Core2 Duo E6320 @ 1.86GHz Intel Core2 Duo E6400 @ 2.13GHz Intel Core2 Duo E6420 @ 2.13GHz Intel Core2 Duo E6540 @ 2.33GHz Intel Core2 Duo E6550 @ 2.33GHz Intel Core2 Duo E6650 @ 2.40GHz Intel Core2 Duo E6700 @ 2.66GHz Intel Core2 Duo E6750 @ 2.66GHz Intel Core2 Duo E6850 @ 3.00GHz Intel Core2 Duo E7200 @ 2.53GHz Intel Core2 Duo E7300 @ 2.66GHz	1119 1190 1295 1374 1464 1503 1561 1707 1725 1961 1643 1735	1534 1498 1443 1397 1360 1339 1320 1248 1241 1144 1286	23.83 NA 19.70 NA NA 37.58 23.68 10.67 40.05 29.94 8.65 NA	\$46.99 NA \$65.76* NA NA \$40.00* \$65.94 \$160.00 \$43.10* \$65.50 \$189.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8135 @ 2.40GHz	1681	1269	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1221	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1172	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1945	1148	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	Insufficient data	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	2005	1127	50.15	\$39.99*
Intel Core2 Duo E8335 @ 2.66GHz	1794	1209	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2088	1101	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2175	1074	109.30	\$19.90
Intel Core2 Duo E8435 @ 3.06GHz	2149	1079	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2310	1018	93.72	\$24.65
Intel Core2 Duo E8600 @ 3.33GHz	2421	984	69.18	\$35.00
Intel Core2 Duo E8700 @ 3.50GHz	2212	1061	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	727	1738	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	1758	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	1692	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	846	1688	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	971	1623 1626	NA NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	968	Insufficient data	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116		NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1132	1529	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1413	1379	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1307	1430	65.38	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1321	1423	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1434	1372	35.87	\$39.99*
Intel Core2 Duo P7450 @ 2.13GHz CPU Name	1434 Passmark CPU Mark (higher is better)	Rank	35.87 CPU Value (higher is better)	Price
	Passmark CPU Mark	Rank	CPU Value	Price
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core2 Duo P7500 @ 1.60GHz	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz	Passmark CPU Mark (higher is better) 945 1520	Rank (lower is better) 1636 1333	CPU Value (higher is better) NA 6.61	Price (USD) NA \$229.99*
CPU Name Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz	Passmark CPU Mark (higher is better) 945 1520 1419	Rank (lower is better) 1636 1333 1376	CPU Value (higher is better) NA 6.61 NA	Price (USD) NA \$229.99*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz	Passmark CPU Mark (higher is better) 945 1520 1419	Rank (lower is better) 1636 1333 1376 1591	CPU Value (higher is better) NA 6.61 NA	Price (USD) NA \$229.99* NA
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469	Rank (lower is better) 1636 1333 1376 1591	CPU Value (higher is better) NA 6.61 NA NA 4.59	Price (USD) NA \$229.99* NA NA \$320.00*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469	Rank (lower is better) 1636 1333 1376 1591 1355	CPU Value (higher is better) NA 6.61 NA NA 4.59	Price (USD)  NA \$229.99*  NA  NA  \$47.99*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642	Rank (lower is better) 1636 1333 1376 1591 1355 1323	CPU Value (higher is better) NA 6.61 NA NA 4.59 32.36 43.24	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P8800 @ 2.26GHz Intel Core2 Duo P9300 @ 2.26GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309	CPU Value (higher is better)  NA 6.61  NA NA 4.59 32.36 43.24 30.98	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220	CPU Value (higher is better) NA 6.61 NA NA 4.59 32.36 43.24 30.98 NA	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$56.99*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$56.99*  NA \$340.00* \$99.00*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171	CPU Value (higher is better) NA 6.61 NA 4.59 32.36 43.24 30.98 NA 5.30 18.05	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo Q6867 @ 3.00GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA	Price (USD)  NA \$229.99*  NA NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA NA
Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7570 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo Q6867 @ 3.00GHz Intel Core2 Duo SL9400 @ 1.86GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA
Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo Q6867 @ 3.00GHz Intel Core2 Duo SL9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 2.40GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA  NA  NA  S.99  NA  NA  NA  NA  NA  NA  NA  NA  NA	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  S253.00* \$284.00*
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo Q6867 @ 3.00GHz Intel Core2 Duo SL9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 2.40GHz Intel Core2 Duo SU9400 @ 1.40GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo SP9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 1.40GHz Intel Core2 Duo SU9400 @ 1.40GHz Intel Core2 Duo T5200 @ 1.60GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678 941	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640  1700	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo SP9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 1.40GHz Intel Core2 Duo T5250 @ 1.50GHz Intel Core2 Duo T5250 @ 1.50GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678 941 834	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640  1700  1699	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo SL9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 2.40GHz Intel Core2 Duo SP9400 @ 1.40GHz Intel Core2 Duo T5200 @ 1.60GHz Intel Core2 Duo T5250 @ 1.50GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5270 @ 1.40GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678 941 834 834 834	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640  1700  1699  1703	CPU Value (higher is better) NA 6.61 NA NA 4.59 32.36 43.24 30.98 NA 5.30 18.05 NA	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo Q6867 @ 3.00GHz Intel Core2 Duo SL9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 2.40GHz Intel Core2 Duo SP9400 @ 1.40GHz Intel Core2 Duo T5200 @ 1.60GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5300 @ 1.73GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678 941 834 834 827 933	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640  1700  1699  1703  1645	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo SL9400 @ 1.86GHz Intel Core2 Duo SP9400 @ 1.40GHz Intel Core2 Duo T5250 @ 1.50GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5300 @ 1.73GHz Intel Core2 Duo T5300 @ 1.73GHz Intel Core2 Duo T5450 @ 1.66GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678 941 834 834 827 933 912	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640  1700  1699  1703  1645  1658	CPU Value (higher is better)  NA 6.61 NA NA 4.59 32.36 43.24 30.98 NA 5.30 18.05 NA	Price (USD)  NA \$229.99*  NA NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA
Intel Core2 Duo P7500 @ 1.60GHz Intel Core2 Duo P7550 @ 2.26GHz Intel Core2 Duo P7570 @ 2.26GHz Intel Core2 Duo P7700 @ 1.80GHz Intel Core2 Duo P8400 @ 2.26GHz Intel Core2 Duo P8600 @ 2.40GHz Intel Core2 Duo P8700 @ 2.53GHz Intel Core2 Duo P8800 @ 2.66GHz Intel Core2 Duo P9800 @ 2.26GHz Intel Core2 Duo P9300 @ 2.26GHz Intel Core2 Duo P9500 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.53GHz Intel Core2 Duo P9600 @ 2.66GHz Intel Core2 Duo P9700 @ 2.80GHz Intel Core2 Duo SP9400 @ 1.86GHz Intel Core2 Duo SL9400 @ 1.86GHz Intel Core2 Duo SU9400 @ 1.40GHz Intel Core2 Duo T5200 @ 1.60GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5270 @ 1.40GHz Intel Core2 Duo T5300 @ 1.73GHz	Passmark CPU Mark (higher is better) 945 1520 1419 1021 1469 1552 1642 1765 1591 1802 1786 1888 2035 589 1287 1678 941 834 834 827 933	Rank (lower is better)  1636  1333  1376  1591  1355  1323  1287  1220  1309  1205  1212  1171  1116  1801  1447  1271  1640  1700  1699  1703  1645	CPU Value (higher is better)  NA 6.61  NA 4.59 32.36 43.24 30.98  NA 5.30 18.05  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA \$229.99*  NA  NA \$320.00* \$47.99* \$37.99* \$56.99*  NA \$340.00* \$99.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5550 @ 1.83GHz	1045	1575	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	1588	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1007	1598	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1091	1552	21.83	\$49.99*
Intel Core2 Duo T5800 @ 2.00GHz	1115	1536	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1205	1491	241.57	\$4.99
Intel Core2 Duo T5870 @ 2.00GHz	1146	1524	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1265	1463	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1232	1479	82.19	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1300	1438	86.75	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1269	1461	31.75	\$39.99*
Intel Core2 Duo T6600 @ 2.20GHz	1387	1390	138.86	\$9.99*
Intel Core2 Duo T6670 @ 2.20GHz	1380	1394	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1013	1594	46.08	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1173	1506	60.80	\$19.30
Intel Core2 Duo T7250 @ 2.00GHz	1118	1535	5.55	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1195	1497	38.57	\$30.99*
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Intel Core2 Duo T7400 @ 2.16GHz	1260	1465	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1275	1455	29.67	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1344	1414	NA	NA • 40 00*
Intel Core2 Duo T7700 @ 2.40GHz	1427	1373	30.37	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1631	1291	2.68	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1301	1437	93.05	\$13.99*
Intel Core2 Duo T8300 @ 2.40GHz	1490	1345	6.97	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1676	1274	28.90	\$57.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9400 @ 2.53GHz	1756	1225	35.13	\$49.99*
Intel Core2 Duo T9500 @ 2.60GHz	1820	1200	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1797	1207	6.01	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1950	1146	30.02	\$64.99*
	1000	1170	30.02	Ψ0-1.00
Intel Core2 Duo T9800 @ 2.93GHz	2055	1111	4.85	\$423.89*
Intel Core2 Duo T9800 @ 2.93GHz Intel Core2 Duo T9900 @ 3.06GHz				
Intel Core2 Duo T9900 @ 3.06GHz	2055	1111	4.85	\$423.89*
	2055 2220	1111 1058	4.85 5.57	\$423.89* \$398.95*
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz	2055 2220 890	1111 1058 1666	4.85 5.57 NA	\$423.89* \$398.95* NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz	2055 2220 890 577 671	1111 1058 1666 1808 1765	4.85 5.57 NA NA	\$423.89* \$398.95* NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz	2055 2220 890 577 671 722	1111 1058 1666 1808 1765	4.85 5.57 NA NA NA	\$423.89* \$398.95* NA NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz	2055 2220 890 577 671 722 868	1111 1058 1666 1808 1765 1740	4.85 5.57 NA NA NA NA	\$423.89* \$398.95* NA NA NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz	2055 2220 890 577 671 722 868 1138	1111 1058 1666 1808 1765 1740 1681	4.85 5.57 NA NA NA NA NA	\$423.89* \$398.95* NA NA NA NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz	2055 2220 890 577 671 722 868 1138	1111 1058 1666 1808 1765 1740 1681 1528 1263	4.85 5.57 NA NA NA NA NA NA	\$423.89* \$398.95* NA NA NA NA NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz	2055 2220 890 577 671 722 868 1138 1687	1111 1058 1666 1808 1765 1740 1681 1528 1263 670	4.85 5.57 NA NA NA NA NA NA NA NA NA NA NA	\$423.89* \$398.95* NA NA NA NA NA NA NA NA S1,125.00*
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz	2055 2220 890 577 671 722 868 1138 1687 3642	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655	4.85 5.57 NA NA NA NA NA NA NA NA 2.49	\$423.89* \$398.95* NA NA NA NA NA NA NA NA \$1,125.00* \$1,495.95*
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz Intel Core2 Extreme Q9300 @ 2.53GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655	4.85 5.57 NA NA NA NA NA NA NA NA NA NA NA NA NA	\$423.89* \$398.95* NA NA NA NA NA NA NA NA \$1,125.00* \$1,495.95* NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme X6800 @ 2.93GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551 1898	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655 689	4.85 5.57 NA NA NA NA NA NA NA NA 3.24 2.49 NA 7.20	\$423.89* \$398.95* NA NA NA NA NA NA NA NA \$1,125.00* \$1,495.95* NA \$263.64*
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme X6800 @ 2.93GHz Intel Core2 Extreme X7800 @ 2.60GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551 1898 1802	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655 689 1164	4.85 5.57 NA NA NA NA NA NA NA NA NA NA NA NA NA	\$423.89* \$398.95* NA NA NA NA NA NA NA NA \$1,125.00* \$1,495.95* NA \$263.64* NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9300 @ 1.60GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme X6800 @ 2.93GHz Intel Core2 Extreme X6800 @ 2.93GHz Intel Core2 Extreme X7800 @ 2.60GHz Intel Core2 Extreme X7850 @ 2.80GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551 1898 1802 1331	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655 689 1164 1206	4.85 5.57 NA	\$423.89* \$398.95* NA NA NA NA NA NA NA \$1,125.00* \$1,495.95* NA \$263.64* NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme X6800 @ 2.93GHz Intel Core2 Extreme X7800 @ 2.60GHz Intel Core2 Extreme X7850 @ 2.80GHz Intel Core2 Extreme X7850 @ 2.80GHz Intel Core2 Extreme X7900 @ 2.80GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551 1898 1802 1331 1704	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655 689 1164 1206 1418	4.85 5.57 NA NA NA NA NA NA NA NA 3.24 2.49 NA 7.20 NA NA	\$423.89* \$398.95* NA NA NA NA NA NA NA NA \$1,125.00* \$1,495.95* NA \$263.64* NA NA
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme X6800 @ 2.93GHz Intel Core2 Extreme X7800 @ 2.60GHz Intel Core2 Extreme X7850 @ 2.80GHz Intel Core2 Extreme X7900 @ 2.80GHz Intel Core2 Extreme X7900 @ 2.80GHz Intel Core2 Extreme X9000 @ 2.80GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551 1898 1802 1331 1704 1923	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655 689 1164 1206 1418 1251 1155	4.85 5.57 NA	\$423.89* \$398.95*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Core2 Duo T9900 @ 3.06GHz Intel Core2 Duo U7300 @ 1.30GHz Intel Core2 Duo U7500 @ 1.06GHz Intel Core2 Duo U7600 @ 1.20GHz Intel Core2 Duo U7700 @ 1.33GHz Intel Core2 Duo U9300 @ 1.20GHz Intel Core2 Duo U9600 @ 1.60GHz Intel Core2 Duo X7360 @ 2.53GHz Intel Core2 Extreme Q6800 @ 2.93GHz Intel Core2 Extreme Q6850 @ 3.00GHz Intel Core2 Extreme Q9300 @ 2.53GHz Intel Core2 Extreme X6800 @ 2.93GHz Intel Core2 Extreme X7800 @ 2.60GHz Intel Core2 Extreme X7850 @ 2.80GHz Intel Core2 Extreme X7850 @ 2.80GHz Intel Core2 Extreme X7900 @ 2.80GHz	2055 2220 890 577 671 722 868 1138 1687 3642 3721 3551 1898 1802 1331 1704	1111 1058 1666 1808 1765 1740 1681 1528 1263 670 655 689 1164 1206 1418	4.85 5.57 NA NA NA NA NA NA NA NA 3.24 2.49 NA 7.20 NA NA	\$423.89* \$398.95* NA NA NA NA NA NA NA \$1,125.00* \$1,495.95* NA \$263.64* NA NA

4665 4646 4988 3334 2839 3028 3225 2550 3223 3189 3420 3813 3688 4648 4043 4270 3947 303	490 492 835 746 869 817 770 946 773 781 733 636 661 667 590 556 610	3.33 4.67 14.30 15.16 17.21 12.89 30.49 6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10 15.26	\$1,400.00* \$995.00* \$208.95 \$220.00* \$164.99* \$235.00 \$105.78 \$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
2988 3334 2839 3028 3225 2550 3223 3189 3420 3813 3688 3648 4043 4270 3947	835 746 869 817 770 946 773 781 733 636 661 667 590 556	14.30 15.16 17.21 12.89 30.49 6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$208.95 \$220.00* \$164.99* \$235.00 \$105.78 \$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
3334 2839 3028 3225 2550 3223 3189 3420 3813 3688 4043 4270 3947 303	746 869 817 770 946 773 781 733 636 661 667 590	15.16 17.21 12.89 30.49 6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$220.00* \$164.99* \$235.00 \$105.78 \$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
2839 3028 3225 2550 3223 3189 3420 3813 3688 3648 4043 4270 3947	869 817 770 946 773 781 733 636 661 667 590	17.21 12.89 30.49 6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$164.99* \$235.00 \$105.78 \$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
3028 3225 2550 3223 3189 3420 3813 3688 3648 4043 4270 3947	817 770 946 773 781 733 636 661 667 590	12.89 30.49 6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$235.00 \$105.78 \$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
3225 2550 3223 3189 3420 3813 3688 3648 4043 4270 3947	770 946 773 781 733 636 661 667 590	30.49 6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$105.78 \$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
2550 3223 3189 3420 3813 3688 3648 4043 4270 3947	946 773 781 733 636 661 667 590	6.56 8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$389.00* \$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
3223 3189 3420 3813 3688 3648 4043 4270 3947	773 781 733 636 661 667 590	8.35 31.58 68.42 11.37 24.59 14.76 37.10	\$385.89* \$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
3189 3420 3813 36688 3648 4043 4270 3947	781 733 636 661 667 590 556	31.58 68.42 11.37 24.59 14.76 37.10	\$101.00 \$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
3420 3813 3688 3648 4043 4270 3947	733 636 661 667 590 556	68.42 11.37 24.59 14.76 37.10	\$50.00 \$335.25* \$149.99* \$247.23* \$109.00 \$279.93
8813 8688 8648 4043 4270 8947	636 661 667 590 556	11.37 24.59 14.76 37.10	\$335.25* \$149.99* \$247.23* \$109.00 \$279.93
8688 8648 4043 4270 8947	661 667 590 556	24.59 14.76 37.10	\$149.99* \$247.23* \$109.00 \$279.93
8648 1043 1270 3947	667 590 556	14.76 37.10	\$247.23* \$109.00 \$279.93
1043 1270 1947 1803	590 556	37.10	\$109.00 \$279.93
1270 3947 303	556		\$279.93
3947 303		15.26	
303	610		
		NA	NA
	2072	NA	NA
711	2059	NA	NA
115	1937	NA	NA
177	1882	NA	NA
			NA
			NA
			NA
-			NA
Passmark CPU Mark	Rank	CPU Value	Price
728	1737	NA	NA
707	1748	NA	NA
770	1722	NA	NA
736	1734	NA	NA
774	1719	NA	NA
799	1712	50.00	\$16.00*
347	1687	NA	NA
376	1673	7.30	\$119.99*
941	1641	NA	NA
1047	1574	NA	NA
544	1826	NA	NA
512	1849	NA	NA
1935	1152	NA	NA
1803	1202	78.58	\$22.95
1071		NA	NA
			\$208.95*
			\$53.99*
2120			\$44.25
			NA
			\$38.95
			cor o meambe
			00°/0 OF
			\$89.99 \$119.98 Wireless
	Mark higher is better) 28 07 70 36 74 99 47 76 41 047 44 12 935 803 071 907	19	Insufficient data   NA   NA   NA   NA   NA   NA   NA   N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100 @ 3.10GHz	3643	668	25.13	\$145.00
Intel Core i3-2100T @ 2.50GHz	2814	878	15.61	\$180.30*
Intel Core i3-2102 @ 3.10GHz	3817	634	NA	NA
Intel Core i3-2105 @ 3.10GHz	3707	657	12.19	\$304.10*
Intel Core i3-2120 @ 3.30GHz	3876	621	33.14	\$116.99
Intel Core i3-2120T @ 2.60GHz	3172	786	10.73	\$295.59
Intel Core i3-2125 @ 3.30GHz	3986	605	16.61	\$239.95*
Intel Core i3-2130 @ 3.40GHz	4058	588	19.42	\$209.00
Intel Core i3-2140 @ 3.50GHz	4325	541	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	870	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2416	986	13.43	\$179.95*
Intel Core i3-2312M @ 2.10GHz	2297	1022	NA	NA
Intel Core i3-2328M @ 2.20GHz	2507	958	NA	NA
Intel Core i3-2330E @ 2.20GHz	3004	829	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	953	47.67	\$52.95*
Intel Core i3-2332M @ 2.20GHz	2382	998	NA	NA NA
Intel Core i3-2340UE @ 1.30GHz	1719	Insufficient data	NA	NA
Intel Core i3-2348M @ 2.30GHz	2608	928	NA	NA
Intel Core i3-2350M @ 2.30GHz	2615	927	NA	NA
	1573	1318	NA	NA
Intel Core i3 2365M @ 1.40GHz	1675	1275	NA	NA
Intel Core i3 2365M @ 1.40GHz	1692	1258	NA	NA
Intel Core i3 2370M @ 2 40CH=				
Intel Core i3-2370M @ 2.40GHz	2741	899	45.73	\$59.95
Intel Core i3-2375M @ 1.50GHz	1749	1228	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1196	NA	NA
	December L. CDII			
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i3-3110M @ 2.40GHz	Mark	(lower is better)		
	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i3-3110M @ 2.40GHz	Mark (higher is better) 3052	(lower is better)	(higher is better)	(USD) \$95.00
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz	Mark (higher is better) 3052 3224	(lower is better) 813 771	(higher is better) 32.13 27.33	(USD) \$95.00 \$117.99*
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz	Mark (higher is better) 3052 3224 3368	(lower is better)  813  771  741	32.13 27.33 NA	(USD) \$95.00 \$117.99* NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz	Mark (higher is better) 3052 3224 3368 3971	(lower is better) 813 771 741 608	(higher is better) 32.13 27.33 NA 29.42	(USD) \$95.00 \$117.99* NA \$135.00
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz	Mark (higher is better) 3052 3224 3368 3971 2288	(lower is better) 813 771 741 608 1026	(higher is better) 32.13 27.33 NA 29.42 6.59	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12*
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162	(lower is better)  813  771  741  608  1026  1076	(higher is better) 32.13 27.33 NA 29.42 6.59 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12*
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210	(lower is better)  813  771  741  608  1026  1076  564	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688	(lower is better) 813 771 741 608 1026 1076 564 660	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328	(lower is better)  813  771  741  608  1026  1076  564  660  540	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59*
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA NA 32.23	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240 @ 3.40GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA NA NA 32.23	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA NA NA \$132.95 NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA NA 32.23 NA 31.95	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA NA \$132.95 NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz Intel Core i3-3255 @ 3.50GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.95 NA \$132.99 \$337.56
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250T @ 3.00GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA NA 31.95 13.06 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.95 NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-4000M @ 2.40GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408 3021 3211	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818  776	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06 NA 40.65	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.99 \$337.56 NA \$79.00
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4005U @ 1.70GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408 3021 3211 2450	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818  776  977	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06 NA 40.65 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.95 NA \$132.99 \$337.56 NA \$79.00 NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3250T @ 3.40GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4005U @ 1.70GHz Intel Core i3-4010U @ 1.70GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408 3021 3211 2450 2434	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818  776  977	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06 NA 40.65 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.95 NA \$132.99 \$337.56 NA \$79.00 NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4005U @ 1.70GHz Intel Core i3-4010U @ 1.70GHz Intel Core i3-4010U @ 1.30GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408 3021 3211 2450 2434	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818  776  977  981  1190	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06 NA 40.65 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.99 \$337.56 NA \$79.00 NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3225 @ 3.30GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3240T @ 3.40GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4005U @ 1.70GHz Intel Core i3-4010U @ 1.70GHz Intel Core i3-4010Y @ 1.30GHz Intel Core i3-4010Y @ 1.30GHz Intel Core i3-4012Y @ 1.50GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408 3021 3211 2450 2434 1847 2205	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818  776  977  981  1190  1067	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06 NA 40.65 NA 2.41 NA NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.99 \$337.56 NA \$79.00 NA \$1,009.00 NA NA
Intel Core i3-3110M @ 2.40GHz Intel Core i3-3120M @ 2.50GHz Intel Core i3-3130M @ 2.60GHz Intel Core i3-3210 @ 3.20GHz Intel Core i3-3217U @ 1.80GHz Intel Core i3-3217UE @ 1.60GHz Intel Core i3-3220 @ 3.30GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3220T @ 2.80GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3227U @ 1.90GHz Intel Core i3-3229Y @ 1.40GHz Intel Core i3-3240 @ 3.40GHz Intel Core i3-3240T @ 2.90GHz Intel Core i3-3245 @ 3.40GHz Intel Core i3-3250 @ 3.50GHz Intel Core i3-3250T @ 3.00GHz Intel Core i3-4000M @ 2.40GHz Intel Core i3-4005U @ 1.70GHz Intel Core i3-4010U @ 1.70GHz Intel Core i3-4010U @ 1.30GHz	Mark (higher is better) 3052 3224 3368 3971 2288 2162 4210 3688 4328 2456 1676 4284 3687 4249 4408 3021 3211 2450 2434	(lower is better)  813  771  741  608  1026  1076  564  660  540  976  1273  551  662  559  529  818  776  977  981  1190	(higher is better) 32.13 27.33 NA 29.42 6.59 NA 32.39 20.49 13.54 NA NA 32.23 NA 31.95 13.06 NA 40.65 NA	(USD) \$95.00 \$117.99* NA \$135.00 \$347.12* NA \$129.99 \$179.99 \$319.59* NA NA \$132.95 NA \$132.95 NA \$132.99 \$337.56 NA \$79.00 NA \$1,009.00 NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030Y @ 1.60GHz	2471	971	NA	NA
Intel Core i3-4100M @ 2.50GHz	3471	716	NA	NA
Intel Core i3-4110M @ 2.60GHz	3873	622	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	Insufficient data	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	Insufficient data	NA	NA
Intel Core i3-4130 @ 3.40GHz	4765	476	25.09	\$189.95
Intel Core i3-4130T @ 2.90GHz	4093	584	16.47	\$248.50*
Intel Core i3-4150 @ 3.50GHz	4876	467	38.55	\$126.50
Intel Core i3-4150T @ 3.00GHz	4172	574	35.66	\$117.00*
Intel Core i3-4158U @ 2.00GHz	2914	853	NA	NA
Intel Core i3-4160 @ 3.60GHz	5018	446	41.82	\$119.99
Intel Core i3-4160T @ 3.10GHz	4365	536	NA	NA
Intel Core i3-4170 @ 3.70GHz	5140	436	42.84	\$119.99
Intel Core i3-4170T @ 3.20GHz	4458	521	NA	NA
Intel Core i3-4330 @ 3.50GHz	5053	443	33.69	\$149.99
Intel Core i3-4330T @ 3.00GHz	4487	518	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3251	767	NA	NA
Intel Core i3-4340 @ 3.60GHz	5225	424	30.56	\$170.99
Intel Core i3-4350 @ 3.60GHz	5297	418	33.78	\$156.82
Intel Core i3-4350T @ 3.10GHz	4117	580	NA	NA
Intel Core i3-4360 @ 3.70GHz	5459	402	35.06	\$155.69
Intel Core i3-4360T @ 3.20GHz	4630	496	NA	NA
Intel Core i3-4370 @ 3.80GHz	5552	390	37.77	\$146.99
Intel Core i3-4570T @ 2.90GHz	5094	439	NA	NA
Intel Core i3-5005U @ 2.00GHz	2885	862	NA	NA
	_000	002	1 1/7 1	147 1
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i3-5010U @ 2.10GHz				
	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i3-5010U @ 2.10GHz	Mark (higher is better) 3053	(lower is better) 812	(higher is better)	(USD) \$399.95
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz	Mark (higher is better) 3053 3160	(lower is better) 812 792	(higher is better) 7.63 NA	(USD) \$399.95 NA
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz	Mark (higher is better) 3053 3160 3183	(lower is better)  812  792  783	7.63 NA 6.94	(USD) \$399.95 NA \$459.00*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz	Mark (higher is better) 3053 3160 3183 3641	(lower is better)  812  792  783  671	(higher is better) 7.63 NA 6.94 NA	(USD) \$399.95 NA \$459.00*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz	Mark (higher is better) 3053 3160 3183 3641 5150	(lower is better) 812 792 783 671 433	(higher is better) 7.63 NA 6.94 NA 40.17	(USD) \$399.95 NA \$459.00* NA \$128.22*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334	(lower is better)  812  792  783  671  433  417	(higher is better) 7.63 NA 6.94 NA 40.17 42.76	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083	(lower is better)  812  792  783  671  433  417  Insufficient data	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100H @ 2.70GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820	(lower is better)  812  792  783  671  433  417  Insufficient data  633	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100H @ 2.70GHz Intel Core i3-6100H @ 3.20GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100H @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA NA 37.67	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6100T @ 2.30GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA NA 0.17 1.00 NA NA 0.10 NA NA 0.10 NA NA 0.10 NA NA 0.10 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6098P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100H @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6300 @ 3.80GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704  369	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6300T @ 3.30GHz Intel Core i3-6300T @ 3.30GHz Intel Core i3-6300T @ 3.30GHz Intel Core i3-6320 @ 3.90GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704  369  438	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6300U @ 3.30GHz Intel Core i3-6300T @ 3.30GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704  369  438  341	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6300 @ 3.80GHz Intel Core i3-6300 @ 3.80GHz Intel Core i3-6300 @ 3.90GHz Intel Core i3-6320 @ 3.90GHz Intel Core i5-750S @ 2.40GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704  369  438  341  1068	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$1515.00* \$149.99 \$158.06 \$159.99 \$290.00
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.90GHz Intel Core i3-6320 @ 3.90GHz Intel Core i5 750S @ 2.40GHz Intel Core i5 E 520 @ 2.40GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704  369  438  341  1068  Insufficient data	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99 \$290.00 NA
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.20GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.90GHz Intel Core i3-6320 @ 3.90GHz Intel Core i5 750S @ 2.40GHz Intel Core i5 E 520 @ 2.40GHz Intel Core i5-430M @ 2.27GHz Intel Core i5-430M @ 2.27GHz Intel Core i5-430UM @ 1.20GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197 2486 2116	(lower is better) 812 792 783 671 433 417 Insufficient data 633 480 549 704 369 438 341 1068 Insufficient data	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58 NA 19.24	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99 \$290.00 NA \$109.99*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6300T @ 3.30GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.90GHz Intel Core i3-6300T @ 3.90GHz Intel Core i5-50S @ 2.40GHz Intel Core i5 E 520 @ 2.40GHz Intel Core i5-430M @ 2.27GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197 2486 2116	(lower is better) 812 792 783 671 433 417 Insufficient data 633 480 549 704 369 438 341 1068 Insufficient data 1089 1417	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58 NA 19.24 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99 \$290.00 NA \$109.99* NA \$31.95* \$94.13*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6300T @ 3.30GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.90GHz Intel Core i5-6300T @ 3.90GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197 2486 2116 1336 2133	(lower is better) 812 792 783 671 433 417 Insufficient data 633 480 549 704 369 438 341 1068 Insufficient data 1089 1417 1083 1005	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58 NA 19.24 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99 \$290.00 NA \$109.99* NA \$31.95* \$94.13*
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.20GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100U @ 2.30GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.90GHz Intel Core i3-6300T @ 3.90GHz Intel Core i3-6320 @ 3.90GHz Intel Core i5-6320 @ 2.40GHz Intel Core i5-430M @ 2.27GHz Intel Core i5-430M @ 2.27GHz Intel Core i5-430M @ 2.27GHz Intel Core i5-430M @ 2.23GHz Intel Core i5-430M @ 2.33GHz Intel Core i5-450M @ 2.33GHz Intel Core i5-450M @ 2.33GHz Intel Core i5-470UM @ 1.33GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197 2486 2116 1336 2133 2347	(lower is better)  812  792  783  671  433  417  Insufficient data  633  480  549  704  369  438  341  1068  Insufficient data  1089  1417  1083  1005  1452	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58 NA 19.24 NA 66.77 24.94 NA	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99 \$290.00 NA \$109.99* NA \$31.95* \$94.13* NA Septembe
Intel Core i3-5010U @ 2.10GHz Intel Core i3-5015U @ 2.10GHz Intel Core i3-5020U @ 2.20GHz Intel Core i3-5157U @ 2.50GHz Intel Core i3-6198P @ 3.60GHz Intel Core i3-6100 @ 3.70GHz Intel Core i3-6100E @ 2.70GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 3.20GHz Intel Core i3-6100T @ 2.70GHz Intel Core i3-6300T @ 3.30GHz Intel Core i3-6300T @ 3.80GHz Intel Core i3-6300T @ 3.90GHz Intel Core i5-6300T @ 3.90GHz	Mark (higher is better) 3053 3160 3183 3641 5150 5334 3083 3820 4740 4296 3504 5745 5125 6076 2197 2486 2116 1336 2133	(lower is better) 812 792 783 671 433 417 Insufficient data 633 480 549 704 369 438 341 1068 Insufficient data 1089 1417 1083 1005	(higher is better) 7.63 NA 6.94 NA 40.17 42.76 NA NA 37.67 NA 6.81 38.31 32.43 37.98 7.58 NA 19.24 NA 66.77 24.94	(USD) \$399.95 NA \$459.00* NA \$128.22* \$124.73 NA NA \$125.87 NA \$515.00* \$149.99 \$158.06 \$159.99 \$290.00 NA \$109.99* NA \$31.95* \$94.13*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-520UM @ 1.07GHz	1394	1386	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	978	34.24	\$71.55*
Intel Core i5-540UM @ 1.20GHz	1364	1400	NA	NA
Intel Core i5-560M @ 2.67GHz	2629	924	16.44	\$159.95*
Intel Core i5-560UM @ 1.33GHz	1727	1239	NA	NA
Intel Core i5-580M @ 2.67GHz	2695	909	NA	NA
Intel Core i5-650 @ 3.20GHz	3132	798	22.38	\$139.95
Intel Core i5-655K @ 3.20GHz	3325	747	NA	NA
Intel Core i5-660 @ 3.33GHz	3293	754	16.47	\$199.99
Intel Core i5-661 @ 3.33GHz	3211	777	11.68	\$275.00
Intel Core i5-670 @ 3.47GHz	3349	743	12.64	\$265.00
Intel Core i5-680 @ 3.60GHz	3564	686	11.50	\$310.00
Intel Core i5-750 @ 2.67GHz	3732	652	15.55	\$239.99
Intel Core i5-760 @ 2.80GHz	3920	617	21.78	\$179.99
Intel Core i5-2300 @ 2.80GHz	5281	420	27.80	\$189.99
Intel Core i5-2310 @ 2.90GHz	5456	403	32.10	\$169.99*
Intel Core i5-2320 @ 3.00GHz	5684	378	19.24	\$295.45
Intel Core i5-2380P @ 3.10GHz	5728	373	27.03	\$211.91*
Intel Core i5-2390T @ 2.70GHz	4278	552	NA	NA
	5842	360	32.02	\$182.45
Intel Core i5-2400 @ 3.10GHz	4871	469	14.33	\$339.95
Intel Core i5-2400S @ 2.50GHz	4917	458	10.43	
Intel Core i5-2405S @ 2.50GHz	-			\$471.59*
Intel Core i5-2410M @ 2.30GHz	3153	795	17.02	\$185.25*
Intel Core i5-2415M @ 2.30GHz	3305	750	NA	NA \$400.05*
Intel Core i5-2430M @ 2.40GHz	3272	760	16.37	\$199.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price
	Passmark CPU Mark	Rank (lower is better)	CPU Value	Price
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i5-2435M @ 2.40GHz	Passmark CPU Mark (higher is better) 3304	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz	Passmark CPU Mark (higher is better) 3304 3398	Rank (lower is better) 751 735	CPU Value (higher is better) NA 38.36	Price (USD) NA \$88.60
CPU Name Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz	Passmark CPU Mark (higher is better) 3304 3398 6070	Rank (lower is better) 751 735 342	CPU Value (higher is better) NA 38.36 28.23	Price (USD) NA \$88.60 \$214.99*
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324	Rank (lower is better) 751 735 342 1011	CPU Value (higher is better) NA 38.36 28.23 NA	Price (USD) NA \$88.60 \$214.99*
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233	Rank (lower is better) 751 735 342 1011 329	CPU Value (higher is better) NA 38.36 28.23 NA 29.80	Price (USD) NA \$88.60 \$214.99* NA \$209.20
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440	Rank (lower is better)  751  735  342  1011  329  318	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194	Rank (lower is better) 751 735 342 1011 329 318 427	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591	Rank (lower is better)  751  735  342  1011  329  318  427  503	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614	Rank (lower is better) 751 735 342 1011 329 318 427 503 676	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  \$260.76*
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2540M @ 2.60GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128	Rank (lower is better) 751 735 342 1011 329 318 427 503 676 748 690 1086	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA NA NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  NA
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2540M @ 2.60GHz Intel Core i5-2550K @ 3.40GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297	CPU Value (higher is better)  NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA 13.62 NA 44.18 21.64	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA \$260.76*  NA \$84.67 \$309.00*
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2540M @ 2.60GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2557M @ 1.70GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA NA 44.18 21.64 NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2550M @ 1.70GHz Intel Core i5-2560M @ 2.70GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297  913  646	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA 13.62 NA 44.18 21.64 NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  \$44.67 \$309.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2557M @ 1.70GHz Intel Core i5-2560M @ 2.70GHz Intel Core i5-2560M @ 2.70GHz Intel Core i5-2560M @ 2.70GHz Intel Core i5-3210M @ 2.50GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752 3788	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA 13.62 NA 44.18 21.64 NA NA NA NA	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA \$260.76*  NA \$84.67 \$309.00*  NA  NA \$100.00*  NA  NA \$200.00*  NA  NA \$200.00*  NA  NA \$200.00*  NA  NA \$200.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2560M @ 2.70GHz Intel Core i5-3230M @ 2.50GHz Intel Core i5-3230M @ 2.50GHz Intel Core i5-3230M @ 2.50GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752 3788 3911	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297  913  646  641  619	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA 13.62 NA 44.18 21.64 NA NA 17.22 17.38	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  NA  \$260.76*  NA  \$84.67 \$309.00*  NA  NA  \$84.67 \$309.00*  NA  NA  \$25.00*
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450M @ 2.50GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-3210M @ 2.50GHz Intel Core i5-3230M @ 2.50GHz Intel Core i5-3230M @ 2.60GHz Intel Core i5-3230M @ 2.60GHz Intel Core i5-33317U @ 1.70GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752 3788 3911 3086	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297  913  646  641  619  805	CPU Value (higher is better)  NA 38.36 28.23  NA 29.80 20.84 34.17  NA  NA 13.62  NA 44.18 21.64  NA  NA 17.22 17.38 13.72	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  \$260.76*  NA  \$84.67 \$309.00*  NA  NA  \$219.95* \$225.00* \$118.33
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2560M @ 2.70GHz Intel Core i5-3210M @ 2.50GHz Intel Core i5-3210M @ 2.50GHz Intel Core i5-3230M @ 2.60GHz Intel Core i5-33317U @ 1.70GHz Intel Core i5-33317U @ 1.70GHz Intel Core i5-3330M @ 2.60GHz Intel Core i5-3330M @ 2.60GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752 3788 3911 3086 4014	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297  913  646  641  619  805  599	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA NA 13.62 NA 44.18 21.64 NA NA 17.22 17.38 13.72 33.92	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  \$260.76*  NA  \$84.67 \$309.00*  NA  NA  \$219.95* \$225.00* \$118.33
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-3210M @ 2.50GHz Intel Core i5-3317U @ 1.70GHz Intel Core i5-3330M @ 2.60GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752 3788 3911 3086 4014 5856	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297  913  646  641  619  805  599  358	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA 13.62 NA 44.18 21.64 NA NA 17.22 17.38 13.72 33.92 16.27	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  \$260.76*  NA  \$84.67 \$309.00*  NA  NA  \$219.95* \$225.00* \$118.33 \$359.  Septembe
CPU Name  Intel Core i5-2435M @ 2.40GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2450P @ 3.20GHz Intel Core i5-2467M @ 1.60GHz Intel Core i5-2500 @ 3.30GHz Intel Core i5-2500K @ 3.30GHz Intel Core i5-2500S @ 2.70GHz Intel Core i5-2500T @ 2.30GHz Intel Core i5-2510E @ 2.50GHz Intel Core i5-2515E @ 2.50GHz Intel Core i5-2520M @ 2.50GHz Intel Core i5-2537M @ 1.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550K @ 3.40GHz Intel Core i5-2550M @ 2.70GHz Intel Core i5-2560M @ 2.70GHz Intel Core i5-3210M @ 2.50GHz Intel Core i5-3210M @ 2.50GHz Intel Core i5-3230M @ 2.60GHz Intel Core i5-33317U @ 1.70GHz Intel Core i5-3330M @ 2.60GHz	Passmark CPU Mark (higher is better) 3304 3398 6070 2324 6233 6440 5194 4591 3614 3313 3551 2128 3740 6685 2661 3752 3788 3911 3086 4014	Rank (lower is better)  751  735  342  1011  329  318  427  503  676  748  690  1086  649  297  913  646  641  619  805  599	CPU Value (higher is better) NA 38.36 28.23 NA 29.80 20.84 34.17 NA NA NA NA 13.62 NA 44.18 21.64 NA NA 17.22 17.38 13.72 33.92	Price (USD)  NA \$88.60 \$214.99*  NA \$209.20 \$309.00 \$152.00*  NA  NA  NA  NA  NA  \$260.76*  NA  \$84.67 \$309.00*  NA  NA  \$219.95* \$225.00* \$118.33

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3339Y @ 1.50GHz	2219	1060	NA	NA
Intel Core i5-3340 @ 3.10GHz	5986	348	32.36	\$185.00
Intel Core i5-3340M @ 2.70GHz	4194	573	121.06	\$34.65*
Intel Core i5-3340S @ 2.80GHz	5711	374	58.89	\$96.99*
Intel Core i5-3350P @ 3.10GHz	6078	340	22.10	\$275.00
Intel Core i5-3360M @ 2.80GHz	4385	532	18.32	\$239.36*
Intel Core i5-3380M @ 2.90GHz	4319	544	NA	NA
Intel Core i5-3427U @ 1.80GHz	3516	700	8.37	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3587	682	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2933	849	NA	NA
Intel Core i5-3450 @ 3.10GHz	6446	317	30.85	\$208.98
Intel Core i5-3450S @ 2.80GHz	6068	343	31.94	\$189.99
Intel Core i5-3470 @ 3.20GHz	6564	307	26.77	\$245.25
Intel Core i5-3470S @ 2.90GHz	6193	334	29.49	\$209.99
Intel Core i5-3470T @ 2.90GHz	4489	517	19.28	\$232.87*
Intel Core i5-3475S @ 2.90GHz	6350	323	NA	NA
Intel Core i5-3550 @ 3.30GHz	6819	289	29.65	\$229.99
Intel Core i5-3550S @ 3.00GHz	6778	290	NA	NA
Intel Core i5-3570 @ 3.40GHz	6978	281	26,29	\$265.50
Intel Core i5-3570K @ 3.40GHz	7131	269	16.25	\$438.99
Intel Core i5-3570K @ 3.40GHz	6564	306	NA	NA
	5821	366	NA	NA
Intel Core i5-3570T @ 2.30GHz				
Intel Core i5-3610ME @ 2.70GHz	3635	672	NA NA	NA
Intel Core i5-4200H @ 2.80GHz	4393	530	NA	NA
Intel Cone : E 4000M @ 0 E0CU-	4040	502	22.45	£470.00±
Intel Core i5-4200M @ 2.50GHz	4040	593	22.45	\$179.99*
Intel Core i5-4200M @ 2.50GHz CPU Name	4040 Passmark CPU Mark (higher is better)	Rank	22.45 CPU Value (higher is better)	Price
	Passmark CPU Mark	Rank	CPU Value	Price
CPU Name Intel Core i5-4200U @ 1.60GHz	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz	Passmark CPU Mark (higher is better) 3258	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz	Passmark CPU Mark (higher is better) 3258 2352	Rank (lower is better) 764 1004	CPU Value (higher is better) NA NA	Price (USD) NA NA
CPU Name  Intel Core i5-4200U @ 1.60GHz  Intel Core i5-4200Y @ 1.40GHz  Intel Core i5-4202Y @ 1.60GHz  Intel Core i5-4210H @ 2.90GHz	Passmark CPU Mark (higher is better) 3258 2352 2291	Rank (lower is better) 764 1004 1023	CPU Value (higher is better) NA NA NA	Price (USD) NA NA
CPU Name  Intel Core i5-4200U @ 1.60GHz  Intel Core i5-4200Y @ 1.40GHz  Intel Core i5-4202Y @ 1.60GHz  Intel Core i5-4210H @ 2.90GHz  Intel Core i5-4210M @ 2.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522	Rank (lower is better) 764 1004 1023 513	CPU Value (higher is better) NA NA NA NA	Price (USD) NA NA NA NA
CPU Name  Intel Core i5-4200U @ 1.60GHz  Intel Core i5-4200Y @ 1.40GHz  Intel Core i5-4202Y @ 1.60GHz  Intel Core i5-4210H @ 2.90GHz  Intel Core i5-4210M @ 2.60GHz  Intel Core i5-4210U @ 1.70GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198	Rank (lower is better)  764  1004  1023  513	CPU Value (higher is better) NA NA NA NA 19.72	Price (USD)  NA  NA  NA  NA  NA  \$212.93*
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377	Rank (lower is better)  764  1004  1023  513  569  739	CPU Value (higher is better) NA NA NA NA 19.72	Price (USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz  Intel Core i5-4200Y @ 1.40GHz  Intel Core i5-4202Y @ 1.60GHz  Intel Core i5-4210H @ 2.90GHz  Intel Core i5-4210M @ 2.60GHz  Intel Core i5-4210U @ 1.70GHz  Intel Core i5-4210Y @ 1.50GHz  Intel Core i5-4220Y @ 1.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343	Rank (lower is better)  764  1004  1023  513  569  739  1007	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  \$212.93*  NA  NA
CPU Name  Intel Core i5-4200U @ 1.60GHz  Intel Core i5-4200Y @ 1.40GHz  Intel Core i5-4202Y @ 1.60GHz  Intel Core i5-4210H @ 2.90GHz  Intel Core i5-4210M @ 2.60GHz  Intel Core i5-4210U @ 1.70GHz  Intel Core i5-4210Y @ 1.50GHz  Intel Core i5-4220Y @ 1.60GHz  Intel Core i5-4220Y @ 1.60GHz  Intel Core i5-4250U @ 1.30GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384	Rank (lower is better)  764  1004  1023  513  569  739  1007  996	CPU Value (higher is better)  NA  NA  NA  NA  NA  NA  19.72  NA  NA  NA	Price (USD)  NA  NA  NA  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721	CPU Value (higher is better) NA NA NA NA 19.72 NA NA NA NA 9.79	Price (USD)  NA  NA  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  S352.98
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695	CPU Value (higher is better)  NA  NA  NA  NA  19.72  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547	CPU Value (higher is better)  NA  NA  NA  NA  19.72  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  NA  NA  NA  S212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528	CPU Value (higher is better)  NA  NA  NA  NA  19.72  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300U @ 1.90GHz Intel Core i5-4300U @ 1.90GHz Intel Core i5-4300U @ 1.90GHz Intel Core i5-4300U @ 1.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648  947	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300U @ 1.90GHz Intel Core i5-4300Y @ 1.60GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543 3013	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648	CPU Value (higher is better)  NA  NA  NA  NA  19.72  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210W @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300M @ 1.90GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4302Y @ 1.60GHz Intel Core i5-4308U @ 2.80GHz Intel Core i5-4308U @ 2.80GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543 3013 4335	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648  947  821  538	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300W @ 1.90GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4308U @ 2.80GHz Intel Core i5-4310M @ 2.70GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543 3013 4335 4545	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648  947  821  538  510	CPU Value (higher is better)  NA  NA  NA  NA  19.72  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4302Y @ 1.60GHz Intel Core i5-4308U @ 2.80GHz Intel Core i5-4310M @ 2.70GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543 3013 4335 4545 3693	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648  947  821  538  510  658	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210U @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300U @ 1.90GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 2.80GHz Intel Core i5-4310M @ 2.70GHz Intel Core i5-4310M @ 2.70GHz Intel Core i5-4310W @ 2.80GHz Intel Core i5-4310W @ 2.80GHz Intel Core i5-4330M @ 2.80GHz Intel Core i5-4330M @ 2.80GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543 3013 4335 4545 3693 4686	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648  947  821  538  510  658  487	CPU Value (higher is better)  NA  NA  NA  NA  19.72  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Core i5-4200U @ 1.60GHz Intel Core i5-4200Y @ 1.40GHz Intel Core i5-4202Y @ 1.60GHz Intel Core i5-4210H @ 2.90GHz Intel Core i5-4210M @ 2.60GHz Intel Core i5-4210W @ 1.70GHz Intel Core i5-4210Y @ 1.50GHz Intel Core i5-4220Y @ 1.60GHz Intel Core i5-4250U @ 1.30GHz Intel Core i5-4258U @ 2.40GHz Intel Core i5-4260U @ 1.40GHz Intel Core i5-4278U @ 2.60GHz Intel Core i5-4288U @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300M @ 2.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4300Y @ 1.60GHz Intel Core i5-4302Y @ 1.60GHz Intel Core i5-4308U @ 2.80GHz Intel Core i5-4310M @ 2.70GHz	Passmark CPU Mark (higher is better) 3258 2352 2291 4522 4198 3377 2343 2384 3455 4054 3537 4304 4415 4383 3741 2543 3013 4335 4545 3693	Rank (lower is better)  764  1004  1023  513  569  739  1007  996  721  589  695  547  528  534  648  947  821  538  510  658	CPU Value (higher is better) NA NA NA NA 19.72 NA	Price (USD)  NA  NA  NA  NA  NA  \$212.93*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4402E @ 1.60GHz	3947	Insufficient data	NA	NA
Intel Core i5-4430 @ 3.00GHz	6237	328	33.72	\$184.99
Intel Core i5-4430S @ 2.70GHz	5916	353	NA	NA
Intel Core i5-4440 @ 3.10GHz	6399	321	32.52	\$196.77
Intel Core i5-4440S @ 2.80GHz	6111	337	32.97	\$185.40
Intel Core i5-4460 @ 3.20GHz	6603	303	34.76	\$189.99
Intel Core i5-4460S @ 2.90GHz	6333	325	NA	NA
Intel Core i5-4460T @ 1.90GHz	4877	466	NA	NA
Intel Core i5-4570 @ 3.20GHz	7010	279	35.05	\$199.99
Intel Core i5-4570R @ 2.70GHz	6500	314	NA	NA
Intel Core i5-4570S @ 2.90GHz	6623	300	33.97	\$194.99
Intel Core i5-4570T @ 2.90GHz	4762	477	22.57	\$210.99*
Intel Core i5-4570TE @ 2.70GHz	3433	729	NA	NA
Intel Core i5-4590 @ 3.30GHz	7181	264	35.91	\$199.99
Intel Core i5-4590S @ 3.00GHz	6935	283	33.03	\$209.99
Intel Core i5-4590T @ 2.00GHz	5465	401	NA	NA
Intel Core i5-4570 @ 3.40GHz	7347	257	32.37	\$226.99
Intel Core i5-4670K @ 3.40GHz	7603	243	27.33	\$278.26
Intel Core i5-4670K @ 5.40GHz	7411	Insufficient data	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	319	NA	NA
	6219	330	22.06	
Intel Core i5-4670T @ 2.30GHz				\$282.00*
Intel Core i5-4690 @ 3.50GHz	7549	246	33.56	\$224.99
Intel Core i5-4690K @ 3.50GHz	7693	238	32.06	\$239.99
Intel Core i5-4690S @ 3.20GHz	7328	258	33.31	\$219.99
Intel Core i5-4690T @ 2.50GHz	6680	298	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i5-5200U @ 2.20GHz	Mark	(lower is better)		
	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i5-5200U @ 2.20GHz	Mark (higher is better) 3483	(lower is better)	(higher is better)	(USD)
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz	Mark (higher is better) 3483 3566	(lower is better) 712 684	(higher is better) NA 8.07	(USD) NA \$441.89*
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz	Mark (higher is better) 3483 3566 4331	712 684 539	NA 8.07 NA	(USD) NA \$441.89* NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz	Mark (higher is better) 3483 3566 4331 4631	(lower is better) 712 684 539 495	(higher is better) NA 8.07 NA NA	(USD)  NA \$441.89*  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz	Mark (higher is better) 3483 3566 4331 4631 3760	(lower is better) 712 684 539 495 644	(higher is better) NA 8.07 NA NA NA 7.30	(USD)  NA \$441.89*  NA  NA \$515.00*
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493	(lower is better) 712 684 539 495 644 965	NA 8.07 NA NA NA NA NA NA NA	(USD)  NA \$441.89*  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836	(lower is better) 712 684 539 495 644 965 286	(higher is better) NA 8.07 NA NA NA NA NA NA NA	(USD)  NA \$441.89*  NA  NA  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042	(lower is better) 712 684 539 495 644 965 286 220	(higher is better) NA 8.07 NA NA 7.30 NA NA NA 27.73	(USD)  NA \$441.89*  NA  NA  \$515.00*  NA  NA  NA  \$289.99
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-5675R @ 2.30GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data	(higher is better) NA 8.07 NA NA 7.30 NA NA NA NA NA NA NA NA	(USD)  NA \$441.89*  NA  NA  \$515.00*  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598	(higher is better) NA 8.07 NA NA NA 7.30 NA	(USD)  NA \$441.89*  NA  NA  S515.00*  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-6675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6200U @ 2.30GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598	(higher is better) NA 8.07 NA NA NA 7.30 NA NA NA NA NA NA 27.73 NA NA NA NA 8.24	(USD)  NA \$441.89*  NA  NA  NA  \$515.00*  NA  NA  NA  NA  \$289.99  NA  NA  NA  NA  NA  S18.99*
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.0GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6200U @ 1.80GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6267U @ 2.90GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554	(higher is better) NA 8.07 NA NA 7.30 NA NA 27.73 NA	(USD)  NA \$441.89*  NA  NA \$515.00*  NA  NA  \$289.99  NA  NA  NA  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-6675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6267U @ 2.90GHz Intel Core i5-6300HQ @ 2.30GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372	(higher is better) NA 8.07 NA NA 7.30 NA	(USD)  NA \$441.89*  NA  NA \$515.00*  NA  NA  NA  NA  \$289.99  NA  NA  NA  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548	(higher is better)  NA  8.07  NA  NA  NA  7.30  NA  NA  27.73  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA \$441.89*  NA  NA  NA \$515.00*  NA  NA  NA  NA  \$289.99  NA  NA  NA  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-6675R @ 3.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 2.90GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300U @ 2.40GHz Intel Core i5-6400 @ 2.70GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311	(higher is better) NA 8.07 NA NA 7.30 NA NA 27.73 NA	(USD)  NA \$441.89*  NA  NA  \$515.00*  NA  NA  \$289.99  NA  NA  NA  NA  NA  NA  NA  NA  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6267U @ 2.90GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400U @ 2.40GHz Intel Core i5-6400 @ 2.70GHz Intel Core i5-6400T @ 2.20GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521 5338	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311 416	(higher is better) NA 8.07 NA NA NA 7.30 NA NA NA 27.73 NA NA NA NA NA 8.24 NA	(USD)  NA \$441.89*  NA  NA  NA  \$515.00*  NA  NA  NA  \$289.99  NA  NA  NA  NA  NA  \$518.99*  NA  NA  NA  NA  NA  \$189.99  \$159.00
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400HZ @ 2.20GHz Intel Core i5-6400T @ 2.20GHz Intel Core i5-6400T @ 2.20GHz Intel Core i5-6402P @ 2.80GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521 5338 6723	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311 416	(higher is better) NA 8.07 NA NA 7.30 NA NA 27.73 NA NA NA NA NA NA 34.33 33.58 33.27	(USD)  NA \$441.89*  NA  NA  NA \$515.00*  NA  NA  \$289.99  NA  NA  NA  NA  \$518.99*  NA  NA  NA  \$189.99  \$159.00  \$202.11*
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-53575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6200U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400U @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400U @ 2.40GHz Intel Core i5-6400U @ 2.20GHz Intel Core i5-6400U @ 2.20GHz Intel Core i5-6400U @ 2.80GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521 5338 6723 6317	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311 416 295	(higher is better) NA 8.07 NA NA 7.30 NA NA 27.73 NA NA NA NA NA NA S.24 NA	(USD)  NA \$441.89*  NA  NA  NA \$515.00*  NA  NA  \$289.99  NA  NA  NA  \$518.99*  NA  NA  NA  \$189.99  \$159.00  \$202.11*  NA
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-6675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6267U @ 2.90GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400HQ @ 2.30GHz Intel Core i5-6400HQ @ 2.30GHz Intel Core i5-6400T @ 2.20GHz Intel Core i5-6400T @ 2.20GHz Intel Core i5-6400P @ 2.80GHz Intel Core i5-6400HQ @ 2.60GHz Intel Core i5-6400HQ @ 2.60GHz Intel Core i5-6500 @ 3.20GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521 5338 6723 6317 7012	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311 416 295 326 277	(higher is better) NA 8.07 NA NA NA 7.30 NA NA 27.73 NA NA NA 8.24 NA NA NA NA 34.33 33.58 33.27 NA 34.26	(USD)  NA \$441.89*  NA  NA  NA \$515.00*  NA  NA  \$289.99  NA  NA  NA  NA  NA  \$189.99*  \$159.00  \$202.11*  NA  \$204.72
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-5675R @ 3.10GHz Intel Core i5-6675R @ 3.30GHz Intel Core i5-6260U @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 2.30GHz Intel Core i5-6260U @ 2.90GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400Hg @ 2.30GHz Intel Core i5-6500Hg @ 2.30GHz Intel Core i5-6500Hg @ 2.30GHz Intel Core i5-6500Hg @ 2.50GHz Intel Core i5-6500Hg @ 2.50GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521 5338 6723 6317 7012	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311 416 295 326 277	(higher is better) NA 8.07 NA NA 7.30 NA NA 27.73 NA NA NA NA NA NA 34.24 NA	(USD)  NA \$441.89*  NA  NA  S515.00*  NA  NA  \$289.99  NA  NA  NA  NA  NA  \$189.99*  \$159.00  \$202.11*  NA  \$204.72  NA  Septembe
Intel Core i5-5200U @ 2.20GHz Intel Core i5-5250U @ 1.60GHz Intel Core i5-5257U @ 2.70GHz Intel Core i5-5287U @ 2.90GHz Intel Core i5-5300U @ 2.30GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5350U @ 1.80GHz Intel Core i5-5575R @ 2.80GHz Intel Core i5-5675C @ 3.10GHz Intel Core i5-6675R @ 3.10GHz Intel Core i5-6198DU @ 2.30GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6260U @ 1.80GHz Intel Core i5-6267U @ 2.90GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6300HQ @ 2.30GHz Intel Core i5-6400T @ 2.20GHz Intel Core i5-6400T @ 2.20GHz Intel Core i5-6400P @ 2.80GHz Intel Core i5-6400P @ 2.80GHz Intel Core i5-6400P @ 2.80GHz Intel Core i5-6400HQ @ 2.60GHz Intel Core i5-6500 @ 3.20GHz	Mark (higher is better) 3483 3566 4331 4631 3760 2493 6836 8042 7687 4040 4017 4277 4814 5739 4298 6521 5338 6723 6317 7012	(lower is better) 712 684 539 495 644 965 286 220 Insufficient data 592 598 554 472 372 548 311 416 295 326 277	(higher is better) NA 8.07 NA NA NA 7.30 NA NA 27.73 NA NA NA 8.24 NA NA NA NA 34.33 33.58 33.27 NA 34.26	(USD)  NA \$441.89*  NA  NA  NA \$515.00*  NA  NA  \$289.99  NA  NA  NA  \$518.99*  NA  NA  NA  \$189.99  \$159.00  \$202.11*  NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600T @ 2.70GHz	7012	278	14.84	\$472.40*
Intel Core i5-24050S @ 2.50GHz	4928	Insufficient data	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1139	NA	NA
Intel Core i7-610E @ 2.53GHz	2425	982	NA	NA
Intel Core i7-620LM @ 2.00GHz	2097	1096	NA	NA
Intel Core i7-620M @ 2.67GHz	2768	892	36.92	\$75.00
Intel Core i7-620UM @ 1.07GHz	1302	1436	NA	NA
Intel Core i7-640LM @ 2.13GHz	2250	1040	NA	NA
Intel Core i7-640M @ 2.80GHz	2893	860	30.70	\$94.25
Intel Core i7-640UM @ 1.20GHz	1695	1257	NA	NA
Intel Core i7-660UM @ 1.33GHz	2001	1129	NA	NA
Intel Core i7-680UM @ 1.47GHz	1739	1231	NA	NA
Intel Core i7-720QM @ 1.60GHz	3048	815	41.79	\$72.95
Intel Core i7-740QM @ 1.73GHz	3222	774	32.09	\$100.43
Intel Core i7-820QM @ 1.73GHz	3258	765	13.58	\$239.95
Intel Core i7-840QM @ 1.87GHz	3427	732	11.82	\$289.96
Intel Core i7-860 @ 2.80GHz	5089	440	14.65	\$347.30
Intel Core i7-860S @ 2.53GHz	4776	474	10.38	\$460.00
Intel Core i7-9003 @ 2.93GHz	5450	404	23.07	\$236.21
	5052	444	NA	NA
Intel Core i7 975K @ 2 926Hz	5506	396	15.98	\$344.55
Intel Core i7-875K @ 2.93GHz				
Intel Core i7-880 @ 3.07GHz	5667	380	9.72	\$583.00*
Intel Core i7-920 @ 2.67GHz	4991	449	21.18	\$235.67
Intel Core i7-920XM @ 2.00GHz	3821	632	23.09	\$165.55*
Intel Core i7-930 @ 2.80GHz	5216	425	13.03	\$400.45
CPU Name	Passmark CPU Mark	Rank	CPU Value (higher is better)	Price (USD)
	(higher is better)	(lower is better)	(mgnor io bottor)	()
Intel Core i7-940 @ 2.93GHz	(higher is better) 5448	405	13.29	\$409.95*
	<u> </u>			
	5448	405	13.29	\$409.95*
Intel Core i7-940XM @ 2.13GHz	5448 4075	405 587	13.29 NA	\$409.95* NA
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz	5448 4075 5630	405 587 384	13.29 NA 13.77	\$409.95* NA \$408.95
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz	5448 4075 5630 5907	405 587 384 356	13.29 NA 13.77 12.84	\$409.95* NA \$408.95 \$459.95
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz	5448 4075 5630 5907 5908	405 587 384 356 355	13.29 NA 13.77 12.84 3.92	\$409.95* NA \$408.95 \$459.95 \$1,508.95
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz	5448 4075 5630 5907 5908 8513	405 587 384 356 355 199	13.29 NA 13.77 12.84 3.92 15.70	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz	5448 4075 5630 5907 5908 8513 6239	405 587 384 356 355 199 327	13.29 NA 13.77 12.84 3.92 15.70 20.87	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz	5448 4075 5630 5907 5908 8513 6239 8839	405 587 384 356 355 199 327 187	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95*
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961	405 587 384 356 355 199 327 187	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-980X @ 3.47GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641	405 587 384 356 355 199 327 187 177 Insufficient data	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-985 @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236	405 587 384 356 355 199 327 187 177 Insufficient data	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-985 @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469	405 587 384 356 355 199 327 187 177 Insufficient data 164 92	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$4499.00 NA \$1,509.99 NA
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-980X @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2600K @ 3.40GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-970 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-985 @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2600S @ 2.80GHz Intel Core i7-2610UE @ 1.50GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274 969	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-980X @ 3.47GHz Intel Core i7-995X @ 3.47GHz Intel Core i7-995X @ 3.40GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600  @ 2.80GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2610UE @ 1.50GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045 2481 2769	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18 32.77 NA	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$4499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00 NA NA
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2620M @ 2.70GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045 2481 2769 3812	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274 969 891 637	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18 32.77 NA NA NA 26.91	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00 NA NA NA \$141.67
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-985 @ 3.47GHz Intel Core i7-995X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600 & 3.40GHz Intel Core i7-2600 & 2.80GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2617M @ 1.50GHz Intel Core i7-2620M @ 2.70GHz Intel Core i7-2630QM @ 2.70GHz Intel Core i7-2630QM @ 2.00GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045 2481 2769 3812 5561	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274 969 891 637 388	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18 32.77 NA NA 26.91 30.07	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00 NA NA NA \$141.67 \$184.95* NA
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-980X @ 3.47GHz Intel Core i7-995X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2620M @ 2.70GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630UM @ 1.60GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045 2481 2769 3812 5561 3204	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274 969 891 637 388 779	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18 32.77 NA NA 26.91 30.07 NA	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00 NA NA NA \$141.67 \$184.95* NA
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-985 @ 3.47GHz Intel Core i7-990X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2617M @ 1.50GHz Intel Core i7-2630QM @ 2.70GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630UM @ 1.60GHz Intel Core i7-2630UM @ 1.60GHz Intel Core i7-2630UM @ 1.60GHz Intel Core i7-2635QM @ 2.00GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045 2481 2769 3812 5561 3204 5489	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274 969 891 637 388 779 398	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18 32.77 NA NA 26.91 30.07 NA NA	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00 NA NA NA \$141.67 \$184.95* NA NA Septembe
Intel Core i7-940XM @ 2.13GHz Intel Core i7-950 @ 3.07GHz Intel Core i7-960 @ 3.20GHz Intel Core i7-965 @ 3.20GHz Intel Core i7-970 @ 3.20GHz Intel Core i7-975 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980 @ 3.33GHz Intel Core i7-980X @ 3.33GHz Intel Core i7-980X @ 3.47GHz Intel Core i7-995X @ 3.47GHz Intel Core i7-995X @ 3.60GHz Intel Core i7-2600 @ 3.40GHz Intel Core i7-2600K @ 3.40GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2610UE @ 1.50GHz Intel Core i7-2620M @ 2.70GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630QM @ 2.00GHz Intel Core i7-2630UM @ 1.60GHz	5448 4075 5630 5907 5908 8513 6239 8839 8961 6641 9236 10469 8244 8502 7045 2481 2769 3812 5561 3204	405 587 384 356 355 199 327 187 177 Insufficient data 164 92 212 201 274 969 891 637 388 779	13.29 NA 13.77 12.84 3.92 15.70 20.87 7.97 17.96 NA 6.12 NA 38.35 15.18 32.77 NA NA 26.91 30.07 NA	\$409.95* NA \$408.95 \$459.95 \$1,508.95 \$542.18 \$299.00 \$1,108.95* \$499.00 NA \$1,509.99 NA \$214.99 \$559.97 \$215.00 NA NA NA \$141.67 \$184.95* NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2670QM @ 2.20GHz	5941	352	15.72	\$378.00*
Intel Core i7-2675QM @ 2.20GHz	5649	382	NA	NA
Intel Core i7-2677M @ 1.80GHz	2812	879	NA	NA
Intel Core i7-2700K @ 3.50GHz	8804	188	31.44	\$279.99*
Intel Core i7-2710QE @ 2.10GHz	5398	411	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5262	421	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6113	336	30.94	\$197.57
Intel Core i7-2760QM @ 2.40GHz	6639	299	14.21	\$467.40*
Intel Core i7-2820QM @ 2.30GHz	6616	302	17.35	\$381.28*
Intel Core i7-2840QM @ 2.40GHz	6766	291	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7070	271	11.78	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7054	273	11.58	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7163	265	6.54	\$1,096.00*
Intel Core i7-3517U @ 1.90GHz	3604	678	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3395	736	NA	NA
Intel Core i7-3520M @ 2.90GHz	4521	514	NA	NA
Intel Core i7-3537U @ 2.00GHz	3856	626	NA	NA
Intel Core i7-3540M @ 3.00GHz	4605	500	13.21	\$348.54*
Intel Core i7-3555LE @ 2.50GHz	4088	586	NA	NA
	6193	333	NA	NA
Intel Core i7-3610QE @ 2.30GHz	7459	251	18.65	\$399.99*
Intel Core i7-3610QM @ 2.30GHz		315	NA	NA
Intel Core i7-3612QE @ 2.10GHz	6465			
Intel Core i7-3612QM @ 2.10GHz	6827	287	NA	NA
Intel Core i7-3615QE @ 2.30GHz	6758	292	NA	NA
1 4 1 0 - 17 004 001 0 0 00011	7005	050	110	N I A
Intel Core i7-3615QM @ 2.30GHz	7365	256	NA	NA
Intel Core i7-3615QM @ 2.30GHz CPU Name	7365  Passmark CPU  Mark  (higher is better)	Rank	NA CPU Value (higher is better)	Price
	Passmark CPU Mark	Rank	CPU Value	Price
CPU Name Intel Core i7-3630QM @ 2.40GHz	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Core i7-3630QM @ 2.40GHz	Passmark CPU Mark (higher is better) 7607	Rank (lower is better)	CPU Value (higher is better) 24.99	Price (USD) \$304.49*
CPU Name Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz	Passmark CPU Mark (higher is better) 7607 6932	Rank (lower is better) 241 284	CPU Value (higher is better) 24.99 14.84	Price (USD) \$304.49* \$467.04*
CPU Name  Intel Core i7-3630QM @ 2.40GHz  Intel Core i7-3632QM @ 2.20GHz  Intel Core i7-3635QM @ 2.40GHz  Intel Core i7-3667U @ 2.00GHz	Passmark CPU Mark (higher is better) 7607 6932 6618	Rank (lower is better) 241 284 301	CPU Value (higher is better) 24.99 14.84 NA	Price (USD) \$304.49* \$467.04*
CPU Name  Intel Core i7-3630QM @ 2.40GHz  Intel Core i7-3632QM @ 2.20GHz  Intel Core i7-3635QM @ 2.40GHz  Intel Core i7-3667U @ 2.00GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937	Rank (lower is better) 241 284 301 612	CPU Value (higher is better) 24.99 14.84 NA	Price (USD) \$304.49* \$467.04* NA
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251	Rank (lower is better)  241  284  301  612  558	CPU Value (higher is better) 24.99 14.84 NA NA	Price (USD) \$304.49* \$467.04* NA NA NA
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485	Rank (lower is better)  241  284  301  612  558  711	CPU Value (higher is better) 24.99 14.84 NA NA NA	Price (USD) \$304.49* \$467.04* NA NA NA NA
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159	Rank (lower is better)  241  284  301  612  558  711  215	CPU Value (higher is better) 24.99 14.84 NA NA NA NA NA 21.75	Price (USD) \$304.49* \$467.04* NA NA NA NA NA NA S375.17*
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408	Rank (lower is better)  241  284  301  612  558  711  215  95	CPU Value (higher is better) 24.99 14.84 NA	Price (USD) \$304.49* \$467.04* NA
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408	Rank (lower is better)  241  284  301  612  558  711  215  95  207	CPU Value (higher is better) 24.99 14.84 NA NA NA NA NA 21.75 NA 20.47	Price (USD) \$304.49* \$467.04* NA NA NA NA NA NA NA S375.17* NA \$409.00*
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328	Rank (lower is better)  241  284  301  612  558  711  215  95  207	CPU Value (higher is better) 24.99 14.84 NA NA NA NA 21.75 NA 20.47 27.80	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770S @ 3.10GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06	Price (USD) \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00* \$335.55 \$560.50
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770S @ 3.10GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184	CPU Value (higher is better) 24.99 14.84 NA NA NA NA 21.75 NA 20.47 27.80 17.06 24.03	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00* \$335.55  \$560.50  \$369.99
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3770QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770S @ 3.10GHz Intel Core i7-3770S @ 3.10GHz Intel Core i7-3770T @ 2.50GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770 @ 3.50GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820 @ 3.60GHz Intel Core i7-3820QM @ 2.70GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88  22.23  14.07	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*  \$404.38  \$602.97*
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3770QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770S @ 3.10GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88  22.23  14.07  17.60	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00* \$335.55  \$560.50  \$369.99  \$329.99* \$404.38  \$602.97* \$504.75*
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820 @ 3.60GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3920XM @ 2.90GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882 9232	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202  185  165	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88  22.23  14.07  17.60  8.42	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*  \$404.38  \$602.97*  \$504.75*  \$1,096.00*
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770 @ 3.50GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3930K @ 3.20GHz Intel Core i7-3930K @ 3.20GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882 9232 12040	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202  185  165  77	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88  22.23  14.07  17.60  8.42  26.17	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*  \$404.38  \$602.97*  \$504.75*  \$1,096.00*  \$459.99
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3940XM @ 2.90GHz Intel Core i7-3930K @ 3.20GHz Intel Core i7-3930K @ 3.20GHz Intel Core i7-3940XM @ 3.00GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882 9232 12040 9377	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202  185  165  77	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88  22.23  14.07  17.60  8.42  26.17  17.05	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*  \$404.38  \$602.97*  \$504.75*  \$1,096.00*  \$459.99  \$549.99*  \$839.81
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3770QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3920XM @ 2.90GHz Intel Core i7-3930K @ 3.20GHz Intel Core i7-3940XM @ 3.00GHz Intel Core i7-3940XM @ 3.00GHz Intel Core i7-3960X @ 3.30GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882 9232 12040 9377 12728	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202  185  165  77  152  71	CPU Value (higher is better) 24.99 14.84 NA NA NA NA 21.75 NA 20.47 27.80 17.06 24.03 24.88 22.23 14.07 17.60 8.42 26.17 17.05 15.16	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*  \$404.38  \$602.97*  \$504.75*  \$1,096.00*  \$459.99  \$549.99*  \$839.81
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3687U @ 2.10GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740 @ 3.40GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3930K @ 3.20GHz Intel Core i7-3930K @ 3.20GHz Intel Core i7-3940XM @ 3.00GHz Intel Core i7-3940XM @ 3.00GHz Intel Core i7-3960X @ 3.30GHz Intel Core i7-3960X @ 3.30GHz Intel Core i7-3970X @ 3.50GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882 9232 12040 9377 12728 12666	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202  185  165  77  152  71  72	CPU Value (higher is better)  24.99  14.84  NA  NA  NA  NA  21.75  NA  20.47  27.80  17.06  24.03  24.88  22.23  14.07  17.60  8.42  26.17  17.05  15.16  9.19	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00*  \$335.55  \$560.50  \$369.99  \$329.99*  \$404.38  \$602.97*  \$504.75*  \$1,096.00*  \$459.99  \$549.99*  \$839.81  \$1,37
CPU Name  Intel Core i7-3630QM @ 2.40GHz Intel Core i7-3632QM @ 2.20GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3635QM @ 2.40GHz Intel Core i7-3667U @ 2.00GHz Intel Core i7-3689Y @ 1.50GHz Intel Core i7-3720QM @ 2.60GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3740QM @ 2.70GHz Intel Core i7-3770 @ 3.40GHz Intel Core i7-3770K @ 3.50GHz Intel Core i7-3770T @ 2.50GHz Intel Core i7-3820 @ 3.60GHz Intel Core i7-3820QM @ 2.70GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.80GHz Intel Core i7-3840QM @ 2.90GHz	Passmark CPU Mark (higher is better) 7607 6932 6618 3937 4251 3485 8159 10408 8373 9328 9560 8891 8209 8991 8483 8882 9232 12040 9377 12728	Rank (lower is better)  241  284  301  612  558  711  215  95  207  154  138  184  214  175  202  185  165  77  152  71	CPU Value (higher is better) 24.99 14.84 NA NA NA NA 21.75 NA 20.47 27.80 17.06 24.03 24.88 22.23 14.07 17.60 8.42 26.17 17.05 15.16	Price (USD)  \$304.49* \$467.04*  NA  NA  NA  NA  NA  \$375.17*  NA  \$409.00* \$335.55  \$560.50 \$369.99 \$329.99* \$404.38 \$602.97* \$504.75* \$1,096.00* \$459.99 \$\$349.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4558U @ 2.80GHz	4278	553	NA	NA
Intel Core i7-4578U @ 3.00GHz	4679	488	NA	NA
Intel Core i7-4600M @ 2.90GHz	4789	473	NA	NA
Intel Core i7-4600U @ 2.10GHz	4119	579	NA	NA
Intel Core i7-4610M @ 3.00GHz	5018	445	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	650	NA	NA
Intel Core i7-4650U @ 1.70GHz	4026	597	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7325	259	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7757	235	20.25	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7738	236	16.56	\$467.40
Intel Core i7-4702HQ @ 2.20GHz	7515	248	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7144	266	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7834	230	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7997	224	27.77	\$288.00
Intel Core i7-4712HQ @ 2.30GHz	7467	250	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7134	268	NA	NA
Intel Core i7-4712MQ @ 2.60GHz	8046	219	NA	NA
		218	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052			
Intel Core i7-4750HQ @ 2.00GHz	8262	211	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	7836	229	NA	NA
Intel Core i7-4765T @ 2.00GHz	7306	261	NA	NA
Intel Core i7-4770 @ 3.40GHz	9815	126	29.92	\$328.00
Intel Core i7-4770HQ @ 2.20GHz	8930	180	NA	NA
Intel Core i7-4770K @ 3.50GHz	10129	108	24.59	\$411.99
Intel Core i7-4770R @ 3.20GHz	9873	122	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770S @ 3.10GHz	9326	155	31.51	\$295.99
Intel Core i7-4770T @ 2.50GHz	8666	194	22.70	\$381.74*
Intel Core i7-4770TE @ 2.30GHz	7065	272	NA	NA
Intel Core i7-4771 @ 3.50GHz	9876	121	32.32	\$305.58
Intel Core i7-4785T @ 2.20GHz	7533	247	NA	NA
Intel Core i7-4790 @ 3.60GHz	9993	113	33.31	\$299.99
Intel Core i7-4790K @ 4.00GHz	11186	85	32.90	\$339.99
Intel Core i7-4790S @ 3.20GHz	9571	136	31.38	\$304.99
Intel Core i7-4790T @ 2.70GHz	9094	169	NA	NA
Intel Core i7-4800MQ @ 2.70GHz	8511	200	16.69	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8723	189	13.13	\$664.62*
Intel Core i7-4820K @ 3.70GHz	9766	127	23.15	\$421.85
Intel Core i7-4850HQ @ 2.30GHz	9093	170	20.95	\$434.00*
	9093		NA	NA
Intel Core i7-4860EQ @ 1.80GHz	7022			
Intel Core i7 4000110 @ 2 40011-	7933	Insufficient data		
Intel Core i7-4860HQ @ 2.40GHz	9313	160	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9313 9347	160 153	NA NA	NA NA
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz	9313 9347 9068	160 153 172	NA NA 14.27	NA NA \$635.70*
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz Intel Core i7-4910MQ @ 2.90GHz	9313 9347 9068 9410	160 153 172 149	NA NA 14.27 16.42	NA NA \$635.70* \$572.99*
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz Intel Core i7-4910MQ @ 2.90GHz Intel Core i7-4930K @ 3.40GHz	9313 9347 9068 9410 13058	160 153 172 149 66	NA NA 14.27 16.42 11.70	NA NA \$635.70* \$572.99* \$1,116.57
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz Intel Core i7-4910MQ @ 2.90GHz Intel Core i7-4930K @ 3.40GHz Intel Core i7-4930MX @ 3.00GHz	9313 9347 9068 9410 13058 9516	160 153 172 149 66 141	NA NA 14.27 16.42 11.70 8.68	NA NA \$635.70* \$572.99* \$1,116.57 \$1 096.00*
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz Intel Core i7-4910MQ @ 2.90GHz Intel Core i7-4930K @ 3.40GHz Intel Core i7-4930MX @ 3.00GHz Intel Core i7-4940MX @ 3.10GHz	9313 9347 9068 9410 13058 9516 9671	160 153 172 149 66 141 132	NA NA 14.27 16.42 11.70	NA NA \$635.70* \$572.99* \$1,116.57 \$1,006.00* \$1,00 September Cold
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz Intel Core i7-4910MQ @ 2.90GHz Intel Core i7-4930K @ 3.40GHz Intel Core i7-4930MX @ 3.00GHz Intel Core i7-4940MX @ 3.10GHz Intel Core i7-4960HQ @ 2.60GHz	9313 9347 9068 9410 13058 9516	160 153 172 149 66 141 132	NA NA 14.27 16.42 11.70 8.68	NA  NA \$635.70* \$572.99* \$1,116.57 \$1,096.00* \$1,000 \$623.0 \$eptember   Special   Spec
Intel Core i7-4870HQ @ 2.50GHz Intel Core i7-4900MQ @ 2.80GHz Intel Core i7-4910MQ @ 2.90GHz Intel Core i7-4930K @ 3.40GHz Intel Core i7-4930MX @ 3.00GHz Intel Core i7-4940MX @ 3.10GHz	9313 9347 9068 9410 13058 9516 9671	160 153 172 149 66 141 132	NA NA 14.27 16.42 11.70 8.68 9.59	NA NA \$635.70* \$572.99* \$1,116.57 \$1,096.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5500U @ 2.40GHz	4001	602	NA	NA
Intel Core i7-5550U @ 2.00GHz	4246	Insufficient data	NA	NA
Intel Core i7-5557U @ 3.10GHz	4899	460	5.47	\$895.00
Intel Core i7-5600U @ 2.60GHz	4269	557	NA	NA
Intel Core i7-5650U @ 2.20GHz	4203	568	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	Insufficient data	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	213	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8437	206	NA	NA
Intel Core i7-5775C @ 3.30GHz	11109	87	30.36	\$365.99
Intel Core i7-5775R @ 3.30GHz	10792	91	NA	NA
Intel Core i7-5820K @ 3.30GHz	12978	68	33.28	\$389.99
Intel Core i7-5850HQ @ 2.70GHz	9398	150	NA	NA
Intel Core i7-5930K @ 3.50GHz	13614	62	23.47	\$579.99
Intel Core i7-5950HQ @ 2.90GHz	10892	89	NA	NA
Intel Core i7-5960X @ 3.00GHz	15975	40	15.72	\$1,015.99
Intel Core i7-6500U @ 2.50GHz	4324	542	NA	NA
Intel Core i7-6560U @ 2.20GHz	4688	486	NA	NA
Intel Core i7-6567U @ 3.30GHz	5479	399	NA	NA
Intel Core i7-6600U @ 2.60GHz	4734	482	NA	NA
	4840	470	NA	NA
Intel Core i7-6650U @ 2.20GHz	9975	115	32.71	\$304.99
Intel Core i7-6700 @ 3.40GHz				
Intel Core i7-6700HQ @ 2.60GHz	8004	222	5.30	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	10984	88	32.31	\$339.99
Intel Core i7-6700T @ 2.80GHz	8913	183	8.07	\$1,103.82*
Intel Core i7-6700TE @ 2.40GHz	8539	Insufficient data	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6770HQ @ 2.60GHz	9422	147	12.75	\$739.00
Intel Core i7-6800K @ 3.40GHz	13524	63	31.45	\$430.00
Intel Core i7-6820EQ @ 2.80GHz	7833	Insufficient data	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9008	173	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8671	193	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	7373	Insufficient data	NA	NA
Intel Core i7-6850K @ 3.60GHz	14108	52	23.13	\$609.99
Intel Core i7-6900K @ 3.20GHz	17544	24	16.33	\$1,074.37
Intel Core i7-6920HQ @ 2.90GHz	9569	137	NA	NA
Intel Core i7-6950X @ 3.00GHz	20011	14	12.13	\$1,649.99
Intel Core m3-6Y30 @ 0.90GHz	3056	811	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3284	758	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3147	796	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3564	685	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2785	884	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1078	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	876	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2496	964	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2542	948	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3065	808	NA 40.70	\$281. Septembe
Intel Core M-5Y71 @ 1.20GHz	3006	827	10.70	
Intel Core Solo T1300 @ 1.66GHz	395	1971	NA	000/2 OF
Intel Core Solo T1350 @ 1.86GHz	405	1950	NA	Mirelessi
Intel Core Solo T1400 @ 1.83GHz	472	1886	NA	NA WILL

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1300 @ 1.06GHz	276	2118	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	2107	NA	NA
Intel Core Solo U1500 @ 1.33GHz	327	2040	NA	NA
Intel E3000 @ 3.40GHz	2767	893	NA	NA
Intel Pentium 4 1.40GHz	164	2223	NA	NA
Intel Pentium 4 1.50GHz	134	2236	NA	NA
Intel Pentium 4 1.60GHz	129	2239	NA	NA
Intel Pentium 4 1.70GHz	133	2237	NA	NA
Intel Pentium 4 1.80GHz	160	2225	NA	NA
Intel Pentium 4 1.90GHz	159	2226	NA	NA
Intel Pentium 4 2.00GHz	189	2206	NA	NA
Intel Pentium 4 2.20GHz	210	2194	NA	NA
Intel Pentium 4 2.26GHz	223	2179	NA	NA
Intel Pentium 4 2.40GHz	230	2173	NA	NA
Intel Pentium 4 2.50GHz	245	2158	NA	NA
Intel Pentium 4 2.53GHz	249	2153	NA	NA
Intel Pentium 4 2.60GHz	290	2089	NA	NA
Intel Pentium 4 2.66GHz	257	2141	NA	NA
Intel Pentium 4 2.80GHz	325	2044	NA	NA
Intel Pentium 4 2.93GHz	304	2069	NA	NA
Intel Pentium 4 3.00GHz	355	2015	NA	NA
Intel Pentium 4 3.06GHz	347	2025	NA	NA
Intel Pentium 4 3.20GHz	378	1985	NA	NA
Intel Pentium 4 3.40GHz	401	1964	NA	NA
Intel Pentium 4 3.46GHz	487	1868	NA	NA
inter rentiani + 3.400m2	<del>4</del> 07	1000	INA	INA
	Passmark CPU	Rank	CPU Value	Price
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Pentium 4 3.60GHz	Mark (higher is better) 493	(lower is better) 1862	(higher is better)	(USD) NA
	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Pentium 4 3.60GHz	Mark (higher is better) 493	(lower is better) 1862	(higher is better)	(USD) NA
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz	Mark (higher is better) 493 486	(lower is better) 1862 1870	(higher is better) NA NA	(USD) NA NA
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz	Mark (higher is better) 493 486 490	(lower is better)  1862  1870  1867	(higher is better) NA NA NA	NA NA NA
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz	Mark (higher is better) 493 486 490 184	(lower is better)  1862  1870  1867  2212	(higher is better) NA NA NA NA NA	(USD) NA NA NA NA
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz	Mark (higher is better) 493 486 490 184	(lower is better)  1862  1870  1867  2212  2242	(higher is better) NA NA NA NA NA NA	(USD) NA NA NA NA NA NA
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz	Mark (higher is better) 493 486 490 184 119	(lower is better)  1862  1870  1867  2212  2242  2240	(higher is better) NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA NA
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz	Mark (higher is better) 493 486 490 184 119 127	(lower is better)  1862  1870  1867  2212  2242  2240  2241	(higher is better) NA	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz	Mark (higher is better) 493 486 490 184 119 127 125	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204	(higher is better) NA	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz	Mark (higher is better) 493 486 490 184 119 127 125 193	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 1800MHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232	NA N	NA N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	NA N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.60GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.60GHz Intel Pentium 4 Mobile 1.70GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196	NA N	NA N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.80GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	NA N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.80GHz Intel Pentium 4 Mobile 1.80GHz Intel Pentium 4 Mobile 1.90GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208 175	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196  2195	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	NA N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.60GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.80GHz Intel Pentium 4 Mobile 1.90GHz Intel Pentium 4 Mobile 1.90GHz Intel Pentium 4 Mobile 1.90GHz Intel Pentium 4 Mobile 2.00GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208 175 209	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196  2219  2195  2197	NA N	NA N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.60GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.80GHz Intel Pentium 4 Mobile 1.90GHz Intel Pentium 4 Mobile 2.00GHz Intel Pentium 4 Mobile 2.00GHz Intel Pentium 5 2.66GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208 175 209 202 705	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196  2219  2195  2197	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.60GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.80GHz Intel Pentium 4 Mobile 1.90GHz Intel Pentium 4 Mobile 2.00GHz Intel Pentium 5 2.66GHz Intel Pentium 957 @ 1.20GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208 175 209 202 705 1095	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196  2195  2197  1750  1546	(higher is better) NA	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.80GHz Intel Pentium 4 Mobile 2.00GHz Intel Pentium 4 Mobile 2.00GHz Intel Pentium 977 @ 1.20GHz Intel Pentium 967 @ 1.30GHz Intel Pentium 977 @ 1.40GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208 175 209 202 705 1095 1156	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196  2219  2195  2197  1750  1546	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
Intel Pentium 4 3.60GHz Intel Pentium 4 3.73GHz Intel Pentium 4 3.80GHz Intel Pentium 4 4.00GHz Intel Pentium 4 1300MHz Intel Pentium 4 1400MHz Intel Pentium 4 1500MHz Intel Pentium 4 1600MHz Intel Pentium 4 1700MHz Intel Pentium 4 1700MHz Intel Pentium 4 1800MHz Intel Pentium 4 Mobile 1.40GHz Intel Pentium 4 Mobile 1.50GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.70GHz Intel Pentium 4 Mobile 1.90GHz Intel Pentium 4 Mobile 2.00GHz Intel Pentium 5 2.66GHz Intel Pentium 957 @ 1.20GHz Intel Pentium 967 @ 1.30GHz	Mark (higher is better) 493 486 490 184 119 127 125 193 154 176 149 197 178 208 175 209 202 705 1095 1156 1148	(lower is better)  1862  1870  1867  2212  2242  2240  2241  2204  2229  2218  2232  2200  2216  2196  2219  2195  2197  1750  1546  1514	(higher is better)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	(USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2020M @ 2.40GHz	2302	1021	17.18	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2410	988	17.99	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1659	1281	12.38	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1852	1189	13.82	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1087	1554	8.12	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2280	1030	NA	NA
Intel Pentium 3556U @ 1.70GHz	1710	1246	NA	NA
Intel Pentium 3558U @ 1.70GHz	1735	1233	NA	NA
Intel Pentium 3560M @ 2.40GHz	2245	1042	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1259	1466	NA	NA
Intel Pentium 3805U @ 1.90GHz	2016	1125	NA	NA
Intel Pentium 3825U @ 1.90GHz	2632	921	NA	NA
Intel Pentium 4405U @ 2.10GHz	3031	816	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2261	1034	NA	NA
Intel Pentium A1018 @ 2.10GHz	2153	Insufficient data	NA	NA
Intel Pentium B940 @ 2.00GHz				
	1729	1236	NA NA	NA
Intel Pentium B950 @ 2.10GHz	1726	1240	NA OA	NA the cost
Intel Pentium B960 @ 2.20GHz	1873	1181	38.24	\$48.99*
Intel Pentium B970 @ 2.30GHz	1969	1138	38.62	\$50.99*
Intel Pentium B980 @ 2.40GHz	2086	1103	24.44	\$85.37*
Intel Pentium D 805 @ 2.66GHz	533	1835	NA	NA
Intel Pentium D 830 @ 3.00GHz	649	1773	NA	NA
Intel Pentium D 915 @ 2.80GHz	589	1800	NA	NA
Intel Pentium D 940 @ 3.20GHz	714	1747	NA	NA
Intel Pentium D 950 @ 3.40GHz	744	1731	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 960 @ 3.60GHz	837	1697	NA	NA
Intel Pentium E2140 @ 1.60GHz	871	1678	5.28	\$165.00
Intel Pentium E2160 @ 1.80GHz	999	1602	24.98	\$40.00
Intel Pentium E2180 @ 2.00GHz	1088	1553	8.37	\$129.95*
Intel Pentium E2200 @ 2.20GHz	1200	1494	40.02	\$29.99*
Intel Pentium E2210 @ 2.20GHz	1180	1501	NA	NA
Intel Pentium E2220 @ 2.40GHz	1345	1413	8.97	\$150.00
Intel Pentium E5200 @ 2.50GHz	1496	1342	13.60	\$109.99*
Intel Pentium E5300 @ 2.60GHz	1556	1322	38.92	\$39.99*
Intel Pentium E5400 @ 2.70GHz	1603	1302	89.10	\$18.00
Intel Pentium E5500 @ 2.80GHz	1634	1290	41.39	\$39.50
Intel Pentium E5700 @ 3.00GHz	1752	1227	28.19	\$62.16
Intel Pentium E5800 @ 3.20GHz		1161	28.09	\$68.00
	1910	1253	42.60	
Intel Pentium E6300 @ 2.80GHz				\$39.99*
Intel Pentium E6500 @ 2.93GHz	1770	1218	35.43	\$49.99*
Intel Pentium E6600 @ 3.06GHz	1885	1173	117.86	\$16.00
Intel Pentium E6700 @ 3.20GHz	1965	1142	9.41	\$208.95*
Intel Pentium E6800 @ 3.33GHz	2042	1113	19.75	\$103.43*
Intel Pentium Extreme Edition 955 @ 3.46GHz		1662	1.19	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz		1635	NA	NAhe
Intel Pentium G620 @ 2.60GHz	2309	1019	17.11	\$135. \$79.99 September Special
Intel Pentium G620T @ 2.20GHz	2071	1107	25.90	00% OF
Intel Pentium G630 @ 2.70GHz	2383	997	40.40	\$59.00 20 76 Wireless N
Intel Pentium G630T @ 2.30GHz	2182	1072	27.29	\$79.99* WIFE

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G640 @ 2.80GHz	2529	951	14.16	\$178.59*
Intel Pentium G640T @ 2.40GHz	1939	1151	NA	NA
Intel Pentium G645 @ 2.90GHz	2604	931	16.28	\$159.95*
Intel Pentium G645T @ 2.50GHz	2394	993	NA	NA
Intel Pentium G840 @ 2.80GHz	2593	934	43.96	\$58.99
Intel Pentium G850 @ 2.90GHz	2681	912	26.82	\$100.00
Intel Pentium G860 @ 3.00GHz	2773	890	32.63	\$84.99*
Intel Pentium G870 @ 3.10GHz	2874	864	13.33	\$215.59*
Intel Pentium G2010 @ 2.80GHz	2616	925	5.62	\$465.64*
Intel Pentium G2020 @ 2.90GHz	2781	886	28.91	\$96.20*
Intel Pentium G2020T @ 2.50GHz	2462	972	38.47	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2923	851	14.36	\$203.60*
Intel Pentium G2030T @ 2.60GHz	2406	989	37.60	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2797	Insufficient data	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	806	19.27	\$159.95*
Intel Pentium G2130 @ 3.20GHz	3224	772	37.93	\$85.00
Intel Pentium G2140 @ 3.30GHz	3448	723	43.12	\$79.99
Intel Pentium G3220 @ 3.00GHz	3178	785	35.32	\$89.99
	2594	932	64.89	\$39.99*
Intel Pentium G3220T @ 2.60GHz				, , , , , , , , , , , , , , , , , , , ,
Intel Pentium G3240 @ 3.10GHz	3237	769	55.04	\$58.82
Intel Pentium G3240T @ 2.70GHz	2993	832	NA	NA
Intel Pentium G3250 @ 3.20GHz	3297	753	57.86	\$56.99 
Intel Pentium G3250T @ 2.80GHz	3012	822	NA	NA
Intel Pentium G3258 @ 3.20GHz	3976	607	56.81	\$69.99
Intel Pentium G3260 @ 3.30GHz	3483	713	58.89	\$59.14
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3260T @ 2.90GHz	2927	850	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2389	995	NA	NA
Intel Pentium G3420 @ 3.20GHz	3443	725	29.04	\$118.58
Intel Pentium G3420T @ 2.70GHz	3008	825	NA	NA
Intel Pentium G3430 @ 3.30GHz	3490	708	31.62	\$110.38
Intel Pentium G3440 @ 3.30GHz	3476	715	38.63	\$89.99
Intel Pentium G3440T @ 2.80GHz	3101	Insufficient data	NA	NA
Intel Pentium G3450 @ 3.40GHz	3763	642	42.26	\$89.06
Intel Pentium G3450T @ 2.90GHz	2967	840	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	681	51.42	\$69.89
Intel Pentium G3470 @ 3.60GHz	3724	654	34.83	\$106.93
Intel Pentium G4400 @ 3.30GHz	3677	663	62.56	\$58.78
micor i oriciani o i roo @ orocoriz	0011	000		
Intel Pentium G4400T @ 2 90GHz	3258	763	NA	NA I
Intel Pentium G4400T @ 2.90GHz	3258 4010	763	NA 57 38	NA \$69.89
Intel Pentium G4500 @ 3.50GHz	4010	600	57.38	\$69.89
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz	4010 3500	600 707	57.38 NA	\$69.89 NA
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz	4010 3500 4196	600 707 570	57.38 NA 46.85	\$69.89 NA \$89.58
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz	4010 3500 4196 1875	600 707 570 1179	57.38 NA 46.85 23.44	\$69.89 NA \$89.58 \$79.99
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz Intel Pentium G6951 @ 2.80GHz	4010 3500 4196 1875 2311	600 707 570 1179 1017	57.38 NA 46.85 23.44 NA	\$69.89 NA \$89.58 \$79.99
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz Intel Pentium G6951 @ 2.80GHz Intel Pentium G6960 @ 2.93GHz	4010 3500 4196 1875 2311 2131	600 707 570 1179 1017 1085	57.38 NA 46.85 23.44 NA	\$69.89 NA \$89.58 \$79.99 NA
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz Intel Pentium G6951 @ 2.80GHz Intel Pentium G6960 @ 2.93GHz Intel Pentium III 933S @ 933MHz	4010 3500 4196 1875 2311 2131 238	600 707 570 1179 1017 1085 2165	57.38 NA 46.85 23.44 NA NA	\$69.89 NA \$89.58 \$79.99 NA NA
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz Intel Pentium G6951 @ 2.80GHz Intel Pentium G6960 @ 2.93GHz Intel Pentium III 933S @ 933MHz Intel Pentium III 1133 @ 1133MHz	4010 3500 4196 1875 2311 2131 238 284	600 707 570 1179 1017 1085 2165 2103	57.38 NA 46.85 23.44 NA NA NA	\$69.89  NA  \$89.58  \$79.99  NA  NA  NA  NA
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz Intel Pentium G6951 @ 2.80GHz Intel Pentium G6960 @ 2.93GHz Intel Pentium III 933S @ 933MHz Intel Pentium III 1133 @ 1133MHz Intel Pentium III 1200 @ 1200MHz	4010 3500 4196 1875 2311 2131 238 284 278	600 707 570 1179 1017 1085 2165 2103 2116	57.38 NA 46.85 23.44 NA NA NA NA	\$69.89  NA  \$89.58  \$79.99  NA  NA  NA  NA  NA  NA  NA  NA  NA
Intel Pentium G4500 @ 3.50GHz Intel Pentium G4500T @ 3.00GHz Intel Pentium G4520 @ 3.60GHz Intel Pentium G6950 @ 2.80GHz Intel Pentium G6951 @ 2.80GHz Intel Pentium G6960 @ 2.93GHz Intel Pentium III 933S @ 933MHz Intel Pentium III 1133 @ 1133MHz	4010 3500 4196 1875 2311 2131 238 284	600 707 570 1179 1017 1085 2165 2103	57.38 NA 46.85 23.44 NA NA NA	\$69.89 NA \$89.58 \$79.99 NA NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400S @ 1400MHz	301	2079	NA	NA
Intel Pentium III Mobile 750MHz	103	2244	NA	NA
Intel Pentium III Mobile 800MHz	201	2198	NA	NA
Intel Pentium III Mobile 866MHz	152	2230	NA	NA
Intel Pentium III Mobile 933MHz	218	2184	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2157	NA	NA
Intel Pentium III Mobile 1066MHz	268	2127	NA	NA
Intel Pentium III Mobile 1133MHz	251	2149	NA	NA
Intel Pentium III Mobile 1200MHz	262	2135	NA	NA
Intel Pentium J2850 @ 2.41GHz	1803	1203	NA	NA
Intel Pentium J2900 @ 2.41GHz	2066	1108	NA	NA
Intel Pentium J3710 @ 1.60GHz	2020	1123	NA	NA
Intel Pentium M 1.10GHz	296	2084	NA	NA
Intel Pentium M 1.20GHz	302	2077	NA	NA
Intel Pentium M 1.30GHz	301	2078	NA	NA
Intel Pentium M 1.40GHz	358	2012	NA	NA
Intel Pentium M 1.50GHz	366	2012	NA	NA
Intel Pentium M 1.60GHz	368	1998	NA	NA
Intel Pentium M 1.70GHz			NA	NA
	414	1940		
Intel Pentium M 1.73GHz	418	1935	NA	NA
Intel Pentium M 1.80GHz	403	1956	NA	NA
Intel Pentium M 1.86GHz	440	1916	NA	NA
Intel Pentium M 2.00GHz	463	1891	NA	NA
Intel Pentium M 2.10GHz	521	1840	NA	NA
Intel Pentium M 2.13GHz	507	1854	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	(higher is better)			
Intel Pentium M 2.26GHz	520	1841	NA	NA
Intel Pentium M 2.26GHz Intel Pentium M 756 @ 1.66GHz			NA NA	NA NA
	520	1841		
Intel Pentium M 756 @ 1.66GHz	520 484	1841 1875	NA	NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz	520 484 220	1841 1875 2182	NA NA	NA NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz	520 484 220 233	1841 1875 2182 2170	NA NA NA	NA NA NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz	520 484 220 233 259	1841 1875 2182 2170 2138	NA NA NA	NA NA NA NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz	520 484 220 233 259 237	1841 1875 2182 2170 2138 2166	NA NA NA NA	NA NA NA NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz	520 484 220 233 259 237 303	1841 1875 2182 2170 2138 2166 2071	NA NA NA NA NA	NA NA NA NA NA NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz	520 484 220 233 259 237 303 321	1841 1875 2182 2170 2138 2166 2071 2048	NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz	520 484 220 233 259 237 303 321 357	1841 1875 2182 2170 2138 2166 2071 2048 2013	NA	NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz	520 484 220 233 259 237 303 321 357 368 378	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987	NA	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz	520 484 220 233 259 237 303 321 357 368	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999	NA	NA
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3510 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3510 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1300MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium N3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium P6000 @ 1.87GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792 1250	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211 1472	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3510 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium P6000 @ 1.87GHz Intel Pentium P6000 @ 2.00GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792 1250 1338	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211 1472 1415	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium P6000 @ 1.87GHz Intel Pentium P6000 @ 2.00GHz Intel Pentium P6100 @ 2.00GHz Intel Pentium P6200 @ 2.13GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792 1250 1338 1353	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211 1472 1415 1407	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium P6000 @ 1.87GHz Intel Pentium P6000 @ 2.00GHz Intel Pentium P6100 @ 2.00GHz Intel Pentium P6200 @ 2.13GHz Intel Pentium P6300 @ 2.27GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792 1250 1338 1353 1363	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211 1472 1415 1407 1401	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1400MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3520 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3540 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium P6000 @ 1.87GHz Intel Pentium P6100 @ 2.00GHz Intel Pentium P6200 @ 2.13GHz Intel Pentium P6300 @ 2.27GHz Intel Pentium P6300 @ 2.27GHz Intel Pentium SU2700 @ 1.30GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792 1250 1338 1353 1363 410	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211 1472 1415 1407 1401 1944	NA N	NA N
Intel Pentium M 756 @ 1.66GHz Intel Pentium M 900MHz Intel Pentium M 1000MHz Intel Pentium M 1100MHz Intel Pentium M 1200MHz Intel Pentium M 1300MHz Intel Pentium M 1300MHz Intel Pentium M 1500MHz Intel Pentium M 1500MHz Intel Pentium M 1600MHz Intel Pentium M 1700MHz Intel Pentium M 3510 @ 1.99GHz Intel Pentium N3510 @ 2.16GHz Intel Pentium N3530 @ 2.16GHz Intel Pentium N3700 @ 1.60GHz Intel Pentium N3710 @ 1.60GHz Intel Pentium P6000 @ 1.87GHz Intel Pentium P6000 @ 2.00GHz Intel Pentium P6100 @ 2.00GHz Intel Pentium P6200 @ 2.13GHz Intel Pentium P6300 @ 2.27GHz	520 484 220 233 259 237 303 321 357 368 378 1578 1824 1919 1966 1904 1792 1250 1338 1353 1363	1841 1875 2182 2170 2138 2166 2071 2048 2013 1999 1987 1314 1198 1157 1140 1163 1211 1472 1415 1407 1401	NA N	NA N

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2060 @ 1.60GHz	674	1762	NA	NA
Intel Pentium T2080 @ 1.73GHz	716	1746	4.48	\$159.95*
Intel Pentium T2130 @ 1.86GHz	721	1741	NA	NA
Intel Pentium T2310 @ 1.46GHz	727	1739	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	1698	NA	NA
Intel Pentium T2370 @ 1.73GHz	841	1694	NA	NA
Intel Pentium T2390 @ 1.86GHz	943	1638	NA	NA
Intel Pentium T2410 @ 2.00GHz	980	1617	NA	NA
Intel Pentium T3200 @ 2.00GHz	1044	1577	NA	NA
Intel Pentium T3400 @ 2.16GHz	1120	1533	70.03	\$16.00*
Intel Pentium T4200 @ 2.00GHz	1156	1516	96.36	\$12.00
Intel Pentium T4300 @ 2.10GHz	1247	1473	NA	NA
Intel Pentium T4400 @ 2.20GHz	1292	1445	NA	NA
Intel Pentium T4500 @ 2.30GHz	1350	1410	NA	NA
Intel Pentium U5400 @ 1.20GHz	875	1674	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1619	NA	NA
Intel T1200 @ 1.50GHz	435	1922	NA	NA
Intel T1400 @ 1.73GHz	935	1644	NA	NA
Intel T1500 @ 1.86GHz	965	1628	NA	NA
	959	Insufficient data	NA	NA
Intel T2050 @ 2.00GHz Intel Xeon 2.00GHz	233	2169	NA	NA
Intel XEON 2.20GHz	252	2148	NA 20.05	NA to 40*
Intel Xe on 2.40GHz	276	2119	30.35	\$9.10*
Intel Xe on 2.66GHz	435	1921	NA	NA
Intel Xeon 2.80GHz	400	1965	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank	CPU Value (higher is better)	Price
	Passmark CPU Mark	Rank	CPU Value	Price
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Xeon 3.00GHz	Passmark CPU Mark (higher is better) 403	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Xeon 3.00GHz Intel Xeon 3.06GHz	Passmark CPU Mark (higher is better) 403 491	Rank (lower is better) 1957 1864	CPU Value (higher is better) NA NA	Price (USD) NA NA
CPU Name Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz	Passmark CPU Mark (higher is better) 403 491 471	Rank (lower is better) 1957 1864 1887	CPU Value (higher is better) NA NA NA	Price (USD) NA NA
CPU Name Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz	Passmark CPU Mark (higher is better) 403 491 471	Rank (lower is better) 1957 1864 1887	CPU Value (higher is better) NA NA NA NA	Price (USD) NA NA NA
CPU Name Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500	Rank (lower is better) 1957 1864 1887 1879	CPU Value (higher is better) NA NA NA NA 0.59	Price (USD)  NA  NA  NA  NA  NA  \$851.00*
CPU Name Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500	Rank (lower is better) 1957 1864 1887 1879 1859	CPU Value (higher is better) NA NA NA NA NA 0.59	Price (USD)  NA  NA  NA  NA  NA  NA  NA  NA  NA  N
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604	Rank (lower is better) 1957 1864 1887 1879 1859 1579	CPU Value (higher is better) NA NA NA NA 0.59 NA 0.71	Price (USD)  NA  NA  NA  NA  NA  NA  S851.00*  NA
CPU Name Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203	CPU Value (higher is better)  NA  NA  NA  NA  NA  O.59  NA  O.71  NA	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449	CPU Value (higher is better) NA NA NA NA O.59 NA 0.71 NA 36.62	Price (USD)  NA  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426	CPU Value (higher is better) NA NA NA NA O.59 NA 0.71 NA 36.62	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3060 @ 2.40GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344	CPU Value (higher is better)  NA  NA  NA  NA  O.59  NA  0.71  NA  36.62  37.47	Price (USD)  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350	CPU Value (higher is better) NA NA NA NA 0.59 NA 0.71 NA 36.62 37.47 34.75 38.79	Price (USD)  NA  NA  NA  NA  S851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$38.00*
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 3.80GHz Intel Xeon 3000Hz Intel Xeon 3040@1.86GHz Intel Xeon 3050@2.13GHz Intel Xeon 3060@2.40GHz Intel Xeon 3065@2.33GHz Intel Xeon 3070@2.66GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$38.00*  \$408.95*
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3060 @ 2.40GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3070 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3085 @ 3.00GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29  5.26	Price (USD)  NA  NA  NA  NA  S851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$38.00*  \$44.99  \$38.00*  \$44.99  \$34.99
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3085 @ 3.00GHz Intel Xeon 5110 @ 1.60GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29  5.26  NA  59.99	Price (USD)  NA  NA  NA  NA  S851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$38.00*  \$4408.95*  \$349.95*  NA  \$18.00
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3070 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3085 @ 3.00GHz Intel Xeon 5110 @ 1.60GHz Intel Xeon 5120 @ 1.86GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079 1237	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561  1478	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29  5.26  NA	Price (USD)  NA  NA  NA  NA  S851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$38.00*  \$44.99  \$38.00*  \$44.99  \$38.00*  \$408.95*  \$349.95*  NA  \$18.00  \$60.50
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3060 @ 2.40GHz Intel Xeon 3070 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3085 @ 3.00GHz Intel Xeon 5110 @ 1.60GHz Intel Xeon 5120 @ 1.86GHz Intel Xeon 5130 @ 2.00GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079 1237 1391	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561  1478  1388	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29  5.26  NA  59.99  20.45  77.33	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$38.00*  \$408.95*  \$349.95*  NA  \$18.00  \$60.50  \$18.00
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 5110 @ 1.60GHz Intel Xeon 5120 @ 1.86GHz Intel Xeon 5130 @ 2.00GHz Intel Xeon 5133 @ 2.20GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079 1237 1391 1598	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561  1478  1388  1304	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29  5.26  NA  59.99  20.45  77.33  NA	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$35.00  \$42.99  \$38.00*  \$408.95*  \$349.95*  NA  \$18.00  \$60.50  \$18.00  NA
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 3.00GHz Intel Xeon 5110 @ 1.60GHz Intel Xeon 5120 @ 1.86GHz Intel Xeon 5133 @ 2.20GHz Intel Xeon 5133 @ 2.20GHz Intel Xeon 5140 @ 2.33GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079 1237 1391 1598 1655	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561  1478  1388  1304  1283	CPU Value (higher is better) NA NA NA NA 0.59 NA 0.71 NA 36.62 37.47 34.75 38.79 4.29 5.26 NA 59.99 20.45 77.33 NA 110.43	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$35.00  \$42.99  \$38.00*  \$408.95*  \$349.95*  NA  \$18.00  \$60.50  \$18.00  NA  \$14.99
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 3.00GHz Intel Xeon 5110 @ 1.60GHz Intel Xeon 5120 @ 1.86GHz Intel Xeon 5133 @ 2.20GHz Intel Xeon 5140 @ 2.33GHz Intel Xeon 5140 @ 2.33GHz Intel Xeon 5140 @ 2.33GHz Intel Xeon 5148 @ 2.33GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079 1237 1391 1598 1655 1590	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561  1478  1388  1304  1283  1310	CPU Value (higher is better)  NA  NA  NA  NA  0.59  NA  0.71  NA  36.62  37.47  34.75  38.79  4.29  5.26  NA  59.99  20.45  77.33  NA  110.43  45.46	Price (USD)  NA  NA  NA  NA  S851.00*  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$35.00  \$442.99  \$38.00*  \$408.95*  \$349.95*  NA  \$18.00  \$60.50  \$18.00  NA  \$14.99  \$35.00  \$eptembe  \$35.00  \$eptembe  \$35.00  \$eptembe  \$35.00  \$eptembe  \$35.00  \$eptembe
CPU Name  Intel Xeon 3.00GHz Intel Xeon 3.06GHz Intel Xeon 3.20GHz Intel Xeon 3.40GHz Intel Xeon 3.40GHz Intel Xeon 3.60GHz Intel Xeon 3.73GHz Intel Xeon 3.80GHz Intel Xeon 1500MHz Intel Xeon 1500MHz Intel Xeon 3040 @ 1.86GHz Intel Xeon 3050 @ 2.13GHz Intel Xeon 3065 @ 2.33GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 3075 @ 2.66GHz Intel Xeon 5110 @ 1.60GHz Intel Xeon 5110 @ 1.86GHz Intel Xeon 5130 @ 2.00GHz Intel Xeon 5133 @ 2.20GHz Intel Xeon 5133 @ 2.20GHz Intel Xeon 5140 @ 2.33GHz	Passmark CPU Mark (higher is better) 403 491 471 478 500 1042 604 193 1281 1311 1493 1473 1754 1840 1801 1079 1237 1391 1598 1655	Rank (lower is better)  1957  1864  1887  1879  1859  1579  1793  2203  1449  1426  1344  1350  1226  1193  Insufficient data  1561  1478  1388  1304  1283	CPU Value (higher is better) NA NA NA NA 0.59 NA 0.71 NA 36.62 37.47 34.75 38.79 4.29 5.26 NA 59.99 20.45 77.33 NA 110.43	Price (USD)  NA  NA  NA  NA  NA  \$851.00*  NA  \$851.00*  NA  \$34.99  \$35.00  \$42.99  \$35.00  \$42.99  \$38.00*  \$408.95*  \$349.95*  NA  \$18.00  \$60.50  \$18.00  NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1520 @ 2.20GHz	6396	Insufficient data	NA	NA
Intel Xeon D-1521 @ 2.40GHz	7164	Insufficient data	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	Insufficient data	NA	NA
Intel Xeon D-1540 @ 2.00GHz	10883	90	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11333	84	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13489	Insufficient data	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6015	346	26.62	\$226.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6524	310	26.74	\$243.98
Intel Xeon E3-1220 v3 @ 3.10GHz	6551	308	29.36	\$223.12
Intel Xeon E3-1220 v5 @ 3.00GHz	7253	262	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3563	687	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	3656	666	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1093	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5951	351	39.68	\$149.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6721	296	13.27	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7035	275	24.81	\$283.59
Intel Xeon E3-1225 v5 @ 3.20GHz	7379	254	NA	NA
Intel Xeon E3-1226 v3 @ 3.30GHz	7412	253	31.54	\$234.99
Intel Xeon E3-1230 @ 3.30GHz	7928	227	28.91	\$274.25
Intel Xe on E3 1230 V2 @ 3.30GHz	8858	186	30.89	\$286.81
Intel Xe on E3-1230 v3 @ 3.30GHz	9301	161	30.45	\$305.45
Intel Xeon E3-1230 v5 @ 3.40GHz	9540	139	NA	NA
Intel Xeon E3-1230L v3 @ 1.80GHz	7368	255	NA	NA
Intel Xeon E3-1231 v3 @ 3.40GHz	9611	135	36.27	\$264.99
Intel Xeon E3-1235 @ 3.20GHz	7764	234	16.24	\$478.18*
	D 1 0011			
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Xeon E3-1240 @ 3.30GHz	Mark	(lower is better)		
	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon E3-1240 @ 3.30GHz	Mark (higher is better) 7998	(lower is better)	(higher is better) 27.19	(USD) \$294.12
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz	Mark (higher is better) 7998 9264	(lower is better) 223 163	(higher is better) 27.19 18.41	(USD) \$294.12 \$503.24
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz	Mark (higher is better) 7998 9264 9690	(lower is better) 223 163 130	27.19 18.41 30.97	\$294.12 \$503.24 \$312.94*
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz	Mark (higher is better) 7998 9264 9690 10180	(lower is better) 223 163 130 107	(higher is better) 27.19 18.41 30.97 NA	(USD) \$294.12 \$503.24 \$312.94* NA
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz	Mark (higher is better) 7998 9264 9690 10180 7507	(lower is better) 223 163 130 107 249	(higher is better) 27.19 18.41 30.97 NA NA	(USD) \$294.12 \$503.24 \$312.94* NA
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507	(lower is better)  223  163  130  107  249  112	(higher is better) 27.19 18.41 30.97 NA NA 35.42	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004	(lower is better)  223  163  130  107  249  112  217	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 W2 @ 3.40GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070	(lower is better)  223  163  130  107  249  112  217  171	(higher is better) 27.19 18.41 30.97 NA NA 35.42 26.10 14.93	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21 \$607.59
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 W2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073	(lower is better)  223  163  130  107  249  112  217  171  140	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21 \$607.59 \$315.00
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1245 v5 @ 3.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291	(lower is better)  223  163  130  107  249  112  217  171  140  99	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241L v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291	(lower is better)  223  163  130  107  249  112  217  171  140  99  117	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10*
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241L v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L v5 @ 2.90GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA	(USD) \$294.12 \$503.24 \$312.94* NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241L v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.50GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L © 2.90GHz Intel Xeon E3-1265L @ 2.40GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44	(USD) \$294.12 \$503.24 \$312.94*  NA  NA \$282.43 \$309.21 \$607.59 \$315.00  NA \$299.99 \$576.10*  NA \$717.75*
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1240L v3 @ 3.50GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L v5 @ 2.90GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L @ 2.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56	(USD) \$294.12 \$503.24 \$312.94* NA NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA \$717.75* \$732.58*
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241L v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56  17.08	(USD) \$294.12 \$503.24 \$312.94*  NA  NA  NA \$282.43 \$309.21 \$607.59 \$315.00  NA \$299.99 \$576.10*  NA \$717.75* \$732.58* \$508.95
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241L v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.50GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz Intel Xeon E3-1268L v3 @ 2.30GHz Intel Xeon E3-1268L v3 @ 2.30GHz Intel Xeon E3-1270 @ 3.40GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735 8691 7850	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237  191  Insufficient data	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56  17.08  NA	(USD) \$294.12 \$503.24 \$312.94* NA NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA \$717.75* \$732.58* \$508.95 NA
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 W2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L v5 @ 2.90GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L W2 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz Intel Xeon E3-1266L v3 @ 2.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735 8691 7850	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237  191  Insufficient data  210	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56  17.08  NA  20.49	(USD) \$294.12 \$503.24 \$312.94* NA NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA \$717.75* \$732.58* \$508.95 NA \$403.87* \$421.00 \$370.00
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 W2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L v5 @ 2.90GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz Intel Xeon E3-1268L v3 @ 2.30GHz Intel Xeon E3-1270 W2 @ 3.50GHz Intel Xeon E3-1270 W2 @ 3.50GHz Intel Xeon E3-1270 V2 @ 3.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735 8691 7850 8276 9462	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237  191  Insufficient data  210  145  123	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56  17.08  NA  20.49  22.48  26.56	(USD) \$294.12 \$503.24 \$312.94* NA NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA \$717.75* \$732.58* \$508.95 NA \$403.87* \$421.00 \$370.00
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 V2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L W5 @ 2.90GHz Intel Xeon E3-1265L W2 @ 2.50GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz Intel Xeon E3-1268L v3 @ 2.30GHz Intel Xeon E3-1270 W2 @ 3.50GHz Intel Xeon E3-1270 W2 @ 3.50GHz Intel Xeon E3-1270 v3 @ 3.50GHz Intel Xeon E3-1270 v3 @ 3.50GHz Intel Xeon E3-1270 v5 @ 3.60GHz Intel Xeon E3-1270 v5 @ 3.60GHz Intel Xeon E3-1270 v5 @ 3.60GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735 8691 7850 8276 9462 9826	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237  191  Insufficient data  210  145  123  119	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56  17.08  NA  20.49  22.48  26.56  27.19	(USD) \$294.12 \$503.24 \$312.94* NA NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA \$717.75* \$732.58* \$508.95 NA \$403.87* \$421.00 \$370.00 \$364. Septembe
Intel Xeon E3-1240 @ 3.30GHz Intel Xeon E3-1240 V2 @ 3.40GHz Intel Xeon E3-1240 v3 @ 3.40GHz Intel Xeon E3-1240 v5 @ 3.50GHz Intel Xeon E3-1240L v3 @ 2.00GHz Intel Xeon E3-1241 v3 @ 3.50GHz Intel Xeon E3-1245 @ 3.30GHz Intel Xeon E3-1245 W2 @ 3.40GHz Intel Xeon E3-1245 v3 @ 3.40GHz Intel Xeon E3-1245 v5 @ 3.50GHz Intel Xeon E3-1246 v3 @ 3.50GHz Intel Xeon E3-1260L @ 2.40GHz Intel Xeon E3-1260L v5 @ 2.90GHz Intel Xeon E3-1265L @ 2.40GHz Intel Xeon E3-1265L V2 @ 2.50GHz Intel Xeon E3-1265L v3 @ 2.50GHz Intel Xeon E3-1268L v3 @ 2.30GHz Intel Xeon E3-1270 W2 @ 3.50GHz Intel Xeon E3-1270 W2 @ 3.50GHz Intel Xeon E3-1270 V2 @ 3.50GHz	Mark (higher is better) 7998 9264 9690 10180 7507 10004 8070 9073 9532 10291 9945 6534 10399 6054 7735 8691 7850 8276 9462	(lower is better)  223  163  130  107  249  112  217  171  140  99  117  309  Insufficient data  344  237  191  Insufficient data  210  145  123	(higher is better)  27.19  18.41  30.97  NA  NA  35.42  26.10  14.93  30.26  NA  33.15  11.34  NA  8.44  10.56  17.08  NA  20.49  22.48  26.56	(USD) \$294.12 \$503.24 \$312.94* NA NA NA \$282.43 \$309.21 \$607.59 \$315.00 NA \$299.99 \$576.10* NA \$717.75* \$732.58* \$508.95 NA \$403.87* \$421.00 \$370.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 v3 @ 3.50GHz	9815	125	23.31	\$421.00
Intel Xeon E3-1275 v5 @ 3.60GHz	10216	105	NA	NA
Intel Xeon E3-1275L v3 @ 2.70GHz	8622	195	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10231	104	28.42	\$359.99
Intel Xeon E3-1280 @ 3.50GHz	8469	203	8.56	\$989.11
Intel Xeon E3-1280 V2 @ 3.60GHz	9757	128	15.13	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9664	134	12.07	\$800.49*
Intel Xeon E3-1280 v5 @ 3.70GHz	10502	Insufficient data	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10081	110	22.16	\$455.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10305	97	NA	NA
Intel Xeon E3-1285L v4 @ 3.40GHz	11170	Insufficient data	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	151	NA	NA
Intel Xeon E3-1290 @ 3.60GHz	8704	190	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9925	118	11.22	\$885.00*
Intel Xeon E3-1505M v5 @ 2.80GHz	8547	198	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9266	162	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10251	102	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10546	Insufficient data	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	260	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6822	288	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5477	400	33.20	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	5795	367	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5705	375	NA	NA
Intel Xeon E5-1607 v2 @ 3.00GHz	5911	354	18.89	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6726	294	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price
Intel Xeon E5-1620 @ 3.60GHz	9097	168	36.94	\$246.27
Intel Xeon E5-1620 v2 @ 3.70GHz	9458	146	30.03	\$314.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9673	131	31.41	\$307.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9990	Insufficient data	NA	NA
Intel Xeon E5-1630 v3 @ 3.70GHz				11/1
	10297	98	25.27	\$407.49
Intel Xeon E5-1630 v4 @ 3.70GHz	10297 10245	98	25.27 NA	
Intel Xeon E5-1630 v4 @ 3.70GHz Intel Xeon E5-1650 @ 3.20GHz				\$407.49
	10245	103	NA	\$407.49 NA
Intel Xeon E5-1650 @ 3.20GHz	10245 11808	103 80	NA 17.88	\$407.49 NA \$660.43
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz	10245 11808 12563	103 80 74	NA 17.88 20.09	\$407.49 NA \$660.43 \$625.49
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz	10245 11808 12563 13469	103 80 74 64	NA 17.88 20.09 20.90	\$407.49 NA \$660.43 \$625.49 \$644.41
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz	10245 11808 12563 13469 14238	103 80 74 64 50	NA 17.88 20.09 20.90 NA	\$407.49 NA \$660.43 \$625.49 \$644.41
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz	10245 11808 12563 13469 14238 12590	103 80 74 64 50 73	NA 17.88 20.09 20.90 NA 11.40	\$407.49 NA \$660.43 \$625.49 \$644.41 NA \$1,104.00*
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz	10245 11808 12563 13469 14238 12590 13767	103 80 74 64 50 73 59	NA 17.88 20.09 20.90 NA 11.40	\$407.49 NA \$660.43 \$625.49 \$644.41 NA \$1,104.00* \$1,767.05
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v3 @ 3.00GHz	10245 11808 12563 13469 14238 12590 13767 13975	103 80 74 64 50 73 59	NA 17.88 20.09 20.90 NA 11.40 7.79	\$407.49  NA \$660.43 \$625.49 \$644.41  NA \$1,104.00* \$1,767.05 \$1,229.00
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v3 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990	103 80 74 64 50 73 59 54 26	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37	\$407.49  NA  \$660.43  \$625.49  \$644.41  NA  \$1,104.00*  \$1,767.05  \$1,229.00  NA
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v3 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990	103 80 74 64 50 73 59 54 26 27	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA	\$407.49  NA \$660.43 \$625.49 \$644.41  NA \$1,104.00* \$1,767.05 \$1,229.00  NA  NA
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v3 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz Intel Xeon E5-1681 v3 @ 2.90GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990 16787	103 80 74 64 50 73 59 54 26 27 20	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA NA	\$407.49  NA  \$660.43  \$625.49  \$644.41  NA  \$1,104.00*  \$1,767.05  \$1,229.00  NA  NA  NA
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v3 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz Intel Xeon E5-1681 v3 @ 2.90GHz Intel Xeon E5-2403 @ 1.80GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990 16787 18412 3489	103 80 74 64 50 73 59 54 26 27 20 709	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA NA NA	\$407.49 NA \$660.43 \$625.49 \$644.41 NA \$1,104.00* \$1,767.05 \$1,229.00 NA NA NA NA \$293.21*
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v3 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz Intel Xeon E5-1681 v3 @ 2.90GHz Intel Xeon E5-2403 @ 1.80GHz Intel Xeon E5-2403 w2 @ 1.80GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990 16787 18412 3489 1797	103 80 74 64 50 73 59 54 26 27 20 709 Insufficient data	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA NA NA 11.90 8.54	\$407.49 NA \$660.43 \$625.49 \$644.41 NA \$1,104.00* \$1,767.05 \$1,229.00 NA NA NA \$293.21* \$210.33 \$308.47
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz Intel Xeon E5-1681 v3 @ 2.90GHz Intel Xeon E5-2403 @ 1.80GHz Intel Xeon E5-2403 w2 @ 1.80GHz Intel Xeon E5-2407 @ 2.20GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990 16787 18412 3489 1797 3795	103 80 74 64 50 73 59 54 26 27 20 709 Insufficient data 639	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA NA NA 11.90 8.54 12.31	\$407.49 NA \$660.43 \$625.49 \$644.41 NA \$1,104.00* \$1,767.05 \$1,229.00 NA NA NA \$293.21* \$210.33 \$308.47 \$465.76
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz Intel Xeon E5-1681 v3 @ 2.90GHz Intel Xeon E5-2403 @ 1.80GHz Intel Xeon E5-2407 @ 2.20GHz Intel Xeon E5-2407 @ 2.20GHz Intel Xeon E5-2407 w2 @ 2.40GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990 16787 18412 3489 1797 3795 4677	103 80 74 64 50 73 59 54 26 27 20 709 Insufficient data 639 489	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA NA NA 11.90 8.54 12.31 10.04	\$407.49  NA \$660.43 \$625.49 \$644.41  NA \$1,104.00* \$1,767.05 \$1,229.00  NA  NA  NA  \$293.21* \$210.33 \$308.47 \$465.76  NA  Septembe
Intel Xeon E5-1650 @ 3.20GHz Intel Xeon E5-1650 v2 @ 3.50GHz Intel Xeon E5-1650 v3 @ 3.50GHz Intel Xeon E5-1650 v4 @ 3.60GHz Intel Xeon E5-1660 @ 3.30GHz Intel Xeon E5-1660 v2 @ 3.70GHz Intel Xeon E5-1660 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v2 @ 3.00GHz Intel Xeon E5-1680 v3 @ 3.20GHz Intel Xeon E5-1681 v3 @ 2.90GHz Intel Xeon E5-2403 @ 1.80GHz Intel Xeon E5-2403 v2 @ 1.80GHz Intel Xeon E5-2407 @ 2.20GHz Intel Xeon E5-2407 v2 @ 2.40GHz Intel Xeon E5-2418L @ 2.00GHz	10245 11808 12563 13469 14238 12590 13767 13975 16990 16787 18412 3489 1797 3795 4677 5202	103 80 74 64 50 73 59 54 26 27 20 709 Insufficient data 639 489 Insufficient data	NA 17.88 20.09 20.90 NA 11.40 7.79 11.37 NA NA NA 11.90 8.54 12.31 10.04 NA	\$407.49 NA \$660.43 \$625.49 \$644.41 NA \$1,104.00* \$1,767.05 \$1,229.00 NA NA NA \$293.21* \$210.33 \$308.47 \$465.76

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 v2 @ 2.50GHz	8324	209	13.29	\$626.27
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	Insufficient data	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	158	12.51	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	Insufficient data	11.25	\$837.99*
Intel Xeon E5-2450 @ 2.10GHz	10186	106	20.23	\$503.50
Intel Xeon E5-2470 @ 2.30GHz	11149	Insufficient data	7.53	\$1,479.99*
Intel Xeon E5-2603 @ 1.80GHz	3505	703	16.20	\$216.40
Intel Xeon E5-2603 v2 @ 1.80GHz	3675	664	17.50	\$209.99
Intel Xeon E5-2603 v3 @ 1.60GHz	4888	463	25.87	\$189.00
Intel Xeon E5-2609 @ 2.40GHz	4599	501	115.01	\$39.99
Intel Xeon E5-2609 v2 @ 2.50GHz	4998	447	16.12	\$309.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5878	357	20.40	\$288.25
Intel Xeon E5-2620 @ 2.00GHz	7965	226	20.06	\$397.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8687	192	21.45	\$404.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9979	114	24.10	\$413.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11729	82	NA	NA
Intel Xeon E5-2623 v3 @ 3.00GHz	9007	174	18.71	\$481.49
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	Insufficient data	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12844	Insufficient data	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8915	181	17.83	\$500.00
Intel Xeon E5-2630 v2 @ 2.60GHz	10416	94	17.19	\$605.95
Intel Xeon E5-2630 v3 @ 2.40GHz	12802	70	16.75	\$764.16
Intel Xeon E5-2630 v4 @ 2.20GHz	14127	51	NA	NA
Intel Xeon E5-2630L @ 2.00GHz	7868	228	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	11201	Insufficient data	NA	NA
	Passmark CPU		1.0.1	10.0
CPU Name	Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name Intel Xeon E5-2637 v2 @ 3.50GHz		(lower is better)		
	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon E5-2637 v2 @ 3.50GHz	Mark (higher is better) 9324	(lower is better)	(higher is better)	(USD) \$1,125.92*
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz	Mark (higher is better) 9324 10278	(lower is better) 156 100	(higher is better) 8.28 7.04	(USD) \$1,125.92* \$1,459.95
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz	Mark (higher is better) 9324 10278 9665	(lower is better) 156 100 133	(higher is better)  8.28  7.04  8.99	\$1,125.92* \$1,459.95 \$1,075.00
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz	Mark (higher is better) 9324 10278 9665 9737	(lower is better)  156  100  133  129	(higher is better)  8.28  7.04  8.99  30.91	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz	Mark (higher is better) 9324 10278 9665 9737	(lower is better) 156 100 133 129 120	(higher is better) 8.28 7.04 8.99 30.91 11.14	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081	(lower is better)  156  100  133  129  120  53	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244	(lower is better)  156  100  133  129  120  53  44	(higher is better) 8.28 7.04 8.99 30.91 11.14 14.39 NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467	(lower is better)  156  100  133  129  120  53  44  204	(higher is better) 8.28 7.04 8.99 30.91 11.14 14.39 NA 15.39	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735	(lower is better)  156  100  133  129  120  53  44  204  81	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735	(lower is better)  156  100  133  129  120  53  44  204  81  60	(higher is better) 8.28 7.04 8.99 30.91 11.14 14.39 NA 15.39 6.99 8.50	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988	(lower is better)  156  100  133  129  120  53  44  204  81  60  78	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 w 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v3 @ 2.30GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v3 @ 2.30GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650 v4 @ 2.20GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00 NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 w2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 w3 @ 3.50GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v4 @ 2.30GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650L @ 1.80GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118 16212	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37  Insufficient data	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33  NA  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00 NA NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 w2 @ 3.50GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 w2 @ 2.60GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650L @ 1.80GHz Intel Xeon E5-2650L @ 1.80GHz Intel Xeon E5-2650L w3 @ 1.80GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118 16212 8676	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37  Insufficient data  65	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33  NA  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00 NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2648L v3 @ 3.40GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v3 @ 2.30GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650L @ 1.80GHz Intel Xeon E5-2650L v3 @ 1.80GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118 16212 8676 13132	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37  Insufficient data  65  86	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33  NA  NA  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$NA NA N
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 w2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 w3 .30GHz Intel Xeon E5-2643 w2 @ 3.50GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650L @ 1.80GHz Intel Xeon E5-2650L v3 @ 1.80GHz Intel Xeon E5-2650L v3 @ 1.80GHz Intel Xeon E5-2651 v2 @ 1.80GHz Intel Xeon E5-2651 v2 @ 1.80GHz Intel Xeon E5-2658 @ 2.10GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118 16212 8676 13132 11178	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37  Insufficient data  65  86  144	(higher is better) 8.28 7.04 8.99 30.91 11.14 14.39 NA 15.39 6.99 8.50 NA 39.77 11.58 14.33 NA NA NA NA NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00 NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 w2 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v3 @ 3.40GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 w2 @ 2.60GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650L @ 1.80GHz Intel Xeon E5-2650L w3 @ 1.80GHz Intel Xeon E5-2650L v3 @ 1.80GHz Intel Xeon E5-2650L v3 @ 1.80GHz Intel Xeon E5-2650L v3 @ 1.80GHz Intel Xeon E5-2650L v2 @ 1.80GHz Intel Xeon E5-2658 w2 @ 2.40GHz Intel Xeon E5-2658 w2 @ 2.40GHz Intel Xeon E5-2658 v2 @ 2.40GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118 16212 8676 13132 11178 9484	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37  Insufficient data  65  86  144  56	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33  NA  NA  NA  NA  NA  NA  NA  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00 NA
Intel Xeon E5-2637 v2 @ 3.50GHz Intel Xeon E5-2637 v3 @ 3.50GHz Intel Xeon E5-2637 v4 @ 3.50GHz Intel Xeon E5-2640 @ 2.50GHz Intel Xeon E5-2640 v2 @ 2.00GHz Intel Xeon E5-2640 v3 @ 2.60GHz Intel Xeon E5-2640 v4 @ 2.40GHz Intel Xeon E5-2643 @ 3.30GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2643 v2 @ 3.50GHz Intel Xeon E5-2648L v3 @ 1.80GHz Intel Xeon E5-2650 @ 2.00GHz Intel Xeon E5-2650 v2 @ 2.60GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650 v4 @ 2.20GHz Intel Xeon E5-2650L @ 1.80GHz Intel Xeon E5-2651 v2 @ 1.80GHz Intel Xeon E5-2658 @ 2.10GHz Intel Xeon E5-2658 w2 @ 2.40GHz Intel Xeon E5-2658 v2 @ 2.40GHz Intel Xeon E5-2658 v3 @ 2.20GHz	Mark (higher is better) 9324 10278 9665 9737 9914 14081 15244 8467 11735 13671 11988 10420 13026 15118 16212 8676 13132 11178 9484 13875	(lower is better)  156  100  133  129  120  53  44  204  81  60  78  93  67  45  37  Insufficient data  65  86  144  56  42	(higher is better)  8.28  7.04  8.99  30.91  11.14  14.39  NA  15.39  6.99  8.50  NA  39.77  11.58  14.33  NA  NA  NA  NA  NA  NA  NA  NA  NA	(USD) \$1,125.92* \$1,459.95 \$1,075.00 \$315.00 \$889.99 \$978.45 NA \$550.00 \$1,679.70 \$1,609.00 NA \$262.00 \$1,125.00 \$1,055.00 NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2663 v3 @ 2.80GHz	13802	58	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	12133	76	11.17	\$1,085.88*
Intel Xeon E5-2667 @ 2.90GHz	10380	96	4.31	\$2,410.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16415	34	7.19	\$2,282.14
Intel Xeon E5-2667 v3 @ 3.20GHz	16125	39	7.64	\$2,110.00
Intel Xeon E5-2670 @ 2.60GHz	12414	75	34.79	\$356.82
Intel Xeon E5-2670 v2 @ 2.50GHz	14975	46	9.60	\$1,559.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16549	33	10.34	\$1,600.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	36	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16724	28	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15872	41	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17723	23	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16618	32	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	1	NA	NA
Intel Xeon E5-2680 @ 2.70GHz	12973	69	41.98	\$309.00
Intel Xeon E5-2680 v2 @ 2.80GHz	16341	35	9.18	\$1,779.95
Intel Xeon E5-2680 v3 @ 2.50GHz	18840	19	12.56	\$1,500.00
Intel Xeon E5-2680 v4 @ 2.40GHz	20369	13	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17955	21	8.43	\$2,128.88*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	Insufficient data	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19974	15	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14439	48	6.52	\$2,215.07
Intel Xeon E5-2687W v2 @ 3.40GHz	16633	31	7.17	\$2,320.55
Intel Xeon E5-2687W v3 @ 3.10GHz	17785	22	8.16	\$2,179.99
Intel Xeon E5-2687W v4 @ 3.00GHz	20614	12	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value	Price
L L LV FE DOCC C C CCC:				
Intel Xeon E5-2689 @ 2.60GHz	13869	57	NA	NA
Intel Xeon E5-2689 @ 2.60GHz Intel Xeon E5-2689 v4 @ 3.10GHz	13869 19708	57 16	NA NA	NA NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19708	16	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz	19708 14383	16 49	NA 17.27	NA \$832.74
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz	19708 14383 16671	16 49 30	NA 17.27 7.14	NA \$832.74 \$2,335.05*
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz	19708 14383 16671 19567	16 49 30 17	NA 17.27 7.14 9.53	NA \$832.74 \$2,335.05* \$2,054.00
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz	19708 14383 16671 19567 22843	16 49 30 17 4	NA 17.27 7.14 9.53 NA	NA \$832.74 \$2,335.05* \$2,054.00 NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz	19708 14383 16671 19567 22843 14876	16 49 30 17 4	NA 17.27 7.14 9.53 NA NA	NA \$832.74 \$2,335.05* \$2,054.00 NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz	19708 14383 16671 19567 22843 14876 15502 20766	16 49 30 17 4 47 43 11	NA 17.27 7.14 9.53 NA NA 6.33	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz	19708 14383 16671 19567 22843 14876 15502	16 49 30 17 4 47 43	NA 17.27 7.14 9.53 NA NA 6.33 7.89	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49*
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681	16 49 30 17 4 47 43 11 18 29	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v3 @ 2.30GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550	16 49 30 17 4 47 43 11 18 29 6	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v4 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v3 @ 2.30GHz Intel Xeon E5-2696 v4 @ 2.20GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681	16 49 30 17 4 47 43 11 18 29 6	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v4 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v2 @ 2.70GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393	16 49 30 17 4 47 43 11 18 29 6 7	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v4 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v3 @ 2.60GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667	16 49 30 17 4 47 43 11 18 29 6 7 25	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA \$2,579.95 \$2,740.00
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v3 @ 2.70GHz Intel Xeon E5-2697 v4 @ 2.20GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070	16 49 30 17 4 47 43 11 18 29 6 7 25 9	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA NA 7.89 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70	NA \$832.74 \$2,335.05* \$2,054.00 NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA \$2,579.95 \$2,740.00 \$2,911.30
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v3 @ 2.30GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2698 v3 @ 2.30GHz Intel Xeon E5-2698 v3 @ 2.30GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070 21951	16 49 30 17 4 47 43 11 18 29 6 7 25 9 3	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA 7.91 7.92 8.25	NA \$832.74 \$2,335.05* \$2,054.00 NA NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA \$2,579.95 \$2,740.00 \$2,911.30 \$2,660.00
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v4 @ 2.20GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.20GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070 21951 24615	16 49 30 17 4 47 43 11 18 29 6 7 25 9 3 8 2	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA 7.91 7.92 8.25 NA	NA \$832.74 \$2,335.05* \$2,054.00 NA NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA \$2,579.95 \$2,740.00 \$2,911.30 \$2,660.00 NA
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v3 @ 2.30GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2698 v3 @ 2.30GHz Intel Xeon E5-2698 v3 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2699 v3 @ 2.30GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070 21951 24615 22740	16 49 30 17 4 47 43 11 18 29 6 7 25 9 3 8 2	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA 6.74 7.91 7.92 8.25 NA 5.98	NA \$832.74 \$2,335.05* \$2,054.00 NA NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA \$2,579.95 \$2,740.00 \$2,911.30 \$2,660.00 NA \$3,800.00 \$4,618.04
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v3 @ 2.30GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2699 v4 @ 2.20GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070 21951 24615 22740 21277	16 49 30 17 4 47 43 11 18 29 6 7 25 9 3 8 2	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA 6.74 7.91 7.92 8.25 NA 5.98 4.61	NA \$832.74 \$2,335.05* \$2,054.00 NA NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA NA NA NA NA S2,579.95 \$2,740.00 \$2,911.30 \$2,660.00 NA \$3,800.00 \$4,618.04
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.30GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v3 @ 2.30GHz Intel Xeon E5-2697 v4 @ 2.20GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2699 v4 @ 2.20GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070 21951 24615 22740 21277 5014	16 49 30 17 4 47 43 11 18 29 6 7 25 9 3 8 2 5 10 Insufficient data	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA 7.91 7.92 8.25 NA 5.98 4.61 7.04	NA \$832.74 \$2,335.05* \$2,054.00 NA NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA NA NA NA \$2,579.95 \$2,740.00 \$2,911.30 \$2,660.00 NA \$3,800.00 \$4,618.04 \$712 Septembe
Intel Xeon E5-2689 v4 @ 3.10GHz Intel Xeon E5-2690 @ 2.90GHz Intel Xeon E5-2690 v2 @ 3.00GHz Intel Xeon E5-2690 v3 @ 2.60GHz Intel Xeon E5-2690 v4 @ 2.60GHz Intel Xeon E5-2692 v2 @ 2.20GHz Intel Xeon E5-2695 v2 @ 2.40GHz Intel Xeon E5-2695 v3 @ 2.30GHz Intel Xeon E5-2695 v4 @ 2.10GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v2 @ 2.50GHz Intel Xeon E5-2696 v3 @ 2.30GHz Intel Xeon E5-2696 v4 @ 2.20GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v2 @ 2.70GHz Intel Xeon E5-2697 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.30GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2698 v4 @ 2.20GHz Intel Xeon E5-2699 v4 @ 2.20GHz	19708 14383 16671 19567 22843 14876 15502 20766 19351 16681 22550 21954 17393 21667 23070 21951 24615 22740 21277	16 49 30 17 4 47 43 11 18 29 6 7 25 9 3 8 2	NA 17.27 7.14 9.53 NA NA 6.33 7.89 6.91 NA NA NA 6.74 7.91 7.92 8.25 NA 5.98 4.61	NA \$832.74 \$2,335.05* \$2,054.00 NA NA NA \$2,448.49* \$2,632.00 \$2,801.00 NA NA NA NA \$2,579.95 \$2,740.00 \$2,911.30 \$2,660.00 NA \$3,800.00 \$4,618.04

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3120 @ 3.16GHz	2241	1045	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1382	140.28	\$9.99
Intel Xeon E5240 @ 3.00GHz	2461	973	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1033	45.30	\$50.00
Intel Xeon E5320 @ 1.86GHz	2302	1020	27.91	\$82.50
Intel Xeon E5335 @ 2.00GHz	2529	952	30.66	\$82.50
Intel Xeon E5345 @ 2.33GHz	2947	844	4.21	\$700.00
Intel Xeon E5405 @ 2.00GHz	2905	858	13.21	\$220.00
Intel Xeon E5410 @ 2.33GHz	3289	756	14.95	\$220.00
Intel Xeon E5420 @ 2.50GHz	3553	688	96.07	\$36.99
Intel Xeon E5430 @ 2.66GHz	3862	625	47.69	\$81.00
Intel Xeon E5440 @ 2.83GHz	4042	591	144.37	\$28.00
Intel Xeon E5450 @ 3.00GHz	4305	546	43.05	\$100.00
Intel Xeon E5462 @ 2.80GHz	4038	595	19.33	\$208.95*
Intel Xeon E5472 @ 3.00GHz	4312	545	28.75	\$150.00
Intel Xeon E5502 @ 1.87GHz	1381	1393	32.89	\$42.00
Intel Xeon E5503 @ 2.00GHz	1360	1402	4.69	\$290.00*
Intel Xeon E5504 @ 2.00GHz	2776	888	86.76	\$32.00*
Intel Xeon E5506 @ 2.13GHz	3012	823	103.88	\$29.00*
	3211	775	6.98	\$460.00*
Intel Xeon E5507 @ 2.27GHz	4451	522	228.29	\$19.50
Intel Xe on E5520 @ 2.27GHz				
Intel Xeon E5530 @ 2.40GHz	4605	499	56.76	\$81.15*
Intel Xeon E5540 @ 2.53GHz	4874	468	123.72	\$39.40*
Intel Xeon E5603 @ 1.60GHz	2364	1002	7.06	\$335.00
Intel Xeon E5606 @ 2.13GHz	3087	804	37.20	\$83.00
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Xeon E5607 @ 2.27GHz		718	(higher is better)	(USD) \$204.46*
Intel Xeon E5607 @ 2.27GHz Intel Xeon E5620 @ 2.40GHz	(higher is better)			
	(higher is better) 3459	718	16.92	\$204.46*
Intel Xeon E5620 @ 2.40GHz	(higher is better) 3459 4887	718 464	16.92 116.37	\$204.46* \$42.00
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz	(higher is better) 3459 4887 5166	718 464 431	16.92 116.37 90.24	\$204.46* \$42.00 \$57.25
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz	(higher is better) 3459 4887 5166 5446	718 464 431 406	16.92 116.37 90.24 60.49	\$204.46* \$42.00 \$57.25 \$90.04
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz	(higher is better) 3459 4887 5166 5446 6506	718 464 431 406 313	16.92 116.37 90.24 60.49 33.34	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz	(higher is better) 3459 4887 5166 5446 6506 7079	718 464 431 406 313 270	16.92 116.37 90.24 60.49 33.34 72.24	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00*
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413	718 464 431 406 313 270 Insufficient data	16.92 116.37 90.24 60.49 33.34 72.24 NA	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00*
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273	718 464 431 406 313 270 Insufficient data	16.92 116.37 90.24 60.49 33.34 72.24 NA	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552	718 464 431 406 313 270 Insufficient data 1032 Insufficient data	16.92 116.37 90.24 60.49 33.34 72.24 NA NA	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90*
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552 3922	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90*
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552 3922 1823	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552 3922 1823 2313 2274	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5320 @ 1.86GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552 3922 1823 2313 2274 2507	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06*
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5320 @ 1.86GHz Intel Xeon L5335 @ 2.00GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552 3922 1823 2313 2274	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5320 @ 1.86GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz	(higher is better) 3459 4887 5166 5446 6506 7079 2413 2273 3552 3922 1823 2313 2274 2507 2756 3114	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957 897	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5410 @ 2.33GHz	(higher is better)  3459  4887  5166  5446  6506  7079  2413  2273  3552  3922  1823  2313  2274  2507  2756  3114  3458	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5410 @ 2.33GHz Intel Xeon L5420 @ 2.50GHz	(higher is better)  3459  4887  5166  5446  6506  7079  2413  2273  3552  3922  1823  2313  2274  2507  2756  3114  3458  3516	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957 897 801 720 699	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87 NA 115.29 33.65	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA \$30.00 \$104.50
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5320 @ 1.86GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5410 @ 2.33GHz Intel Xeon L5420 @ 2.50GHz Intel Xeon L5420 @ 2.50GHz Intel Xeon L5430 @ 2.66GHz	(higher is better)  3459  4887  5166  5446  6506  7079  2413  2273  3552  3922  1823  2313  2274  2507  2756  3114  3458  3516  3852	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957 897 801 720 699 627	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87 NA 115.29 33.65 26.84	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA \$30.00 \$143.55* \$700.00
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5410 @ 2.33GHz Intel Xeon L5420 @ 2.50GHz Intel Xeon L5430 @ 2.66GHz Intel Xeon L5506 @ 2.13GHz	(higher is better)  3459  4887  5166  5446  6506  7079  2413  2273  3552  3922  1823  2313  2274  2507  2756  3114  3458  3516  3852  3715	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957 897 801 720 699 627 656	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87 NA 115.29 33.65 26.84 5.31	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA \$30.00 \$143.55* \$700.00
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5400 @ 2.33GHz Intel Xeon L5420 @ 2.50GHz Intel Xeon L5430 @ 2.66GHz Intel Xeon L5430 @ 2.66GHz Intel Xeon L5566 @ 2.13GHz Intel Xeon L5506 @ 2.13GHz Intel Xeon L5520 @ 2.27GHz	(higher is better)  3459  4887  5166  5446  6506  7079  2413  2273  3552  3922  1823  2313  2274  2507  2756  3114  3458  3516  3852  3715  4377	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957 897 801 720 699 627 656 535	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87 NA 115.29 33.65 26.84 5.31 231.61	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA \$30.00 \$143.55* \$700.00 \$18.9 \$Septembe
Intel Xeon E5620 @ 2.40GHz Intel Xeon E5630 @ 2.53GHz Intel Xeon E5640 @ 2.67GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5645 @ 2.40GHz Intel Xeon E5649 @ 2.53GHz Intel Xeon E7320 @ 2.13GHz Intel Xeon L3110 @ 3.00GHz Intel Xeon L3360 @ 2.83GHz Intel Xeon L3426 @ 1.87GHz Intel Xeon L5238 @ 2.66GHz Intel Xeon L5240 @ 3.00GHz Intel Xeon L5310 @ 1.60GHz Intel Xeon L5335 @ 2.00GHz Intel Xeon L5408 @ 2.13GHz Intel Xeon L5410 @ 2.33GHz Intel Xeon L5420 @ 2.50GHz Intel Xeon L5430 @ 2.66GHz Intel Xeon L5506 @ 2.13GHz	(higher is better)  3459  4887  5166  5446  6506  7079  2413  2273  3552  3922  1823  2313  2274  2507  2756  3114  3458  3516  3852  3715	718 464 431 406 313 270 Insufficient data 1032 Insufficient data 615 1199 1015 Insufficient data 957 897 801 720 699 627 656	16.92 116.37 90.24 60.49 33.34 72.24 NA NA 37.43 8.72 NA 22.14 20.68 19.13 91.87 NA 115.29 33.65 26.84 5.31	\$204.46* \$42.00 \$57.25 \$90.04 \$195.12 \$98.00* NA NA \$94.90* \$450.00* NA \$104.50 \$110.00 \$131.06* \$30.00 NA \$30.00 \$143.55* \$700.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5639 @ 2.13GHz	7021	276	NA	NA
Intel Xeon L5640 @ 2.27GHz	6584	304	69.32	\$94.99
Intel Xeon L7455 @ 2.13GHz	3836	Insufficient data	NA	NA
Intel Xeon MV 3.20GHz	683	Insufficient data	NA	NA
Intel Xeon W3503 @ 2.40GHz	1777	1217	NA	NA
Intel Xeon W3505 @ 2.53GHz	1870	1182	NA	NA
Intel Xeon W3520 @ 2.67GHz	5069	441	12.40	\$408.95*
Intel Xeon W3530 @ 2.80GHz	5370	414	18.27	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5504	397	7.88	\$698.95*
Intel Xeon W3550 @ 3.07GHz	5744	370	24.45	\$235.00*
Intel Xeon W3565 @ 3.20GHz	6013	347	18.62	\$322.99*
Intel Xeon W3570 @ 3.20GHz	6195	332	10.59	\$584.95*
Intel Xeon W3580 @ 3.33GHz	6448	316	5.95	\$1,083.47*
Intel Xeon W3670 @ 3.20GHz	8466	205	8.78	\$964.60*
Intel Xeon W3680 @ 3.33GHz	9315	159	26.36	\$353.43
Intel Xeon W3690 @ 3.47GHz	9515	142	5.82	\$1.635.49
Intel Xeon W5580 @ 3.20GHz	5836	364	3.52	\$1,659.99*
Intel Xeon W5590 @ 3.33GHz	6181	335	3.51	\$1,759.40*
Intel Xeon X3210 @ 2.13GHz	2810	880	14.34	\$196.00
	3126	800	9.62	
Intel Xeon X3220 @ 2.40GHz		717	11.15	\$325.00
Intel Xe on X3230 @ 2.66GHz	3463			\$310.51*
Intel Xeon X3320 @ 2.50GHz	3437	728	10.11	\$339.99*
Intel Xeon X3323 @ 2.50GHz	3308	749	46.61	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3617	674	38.49	\$94.00*
Intel Xeon X3350 @ 2.66GHz	3915	618	43.51	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3353 @ 2.66GHz	3862	624	52.56	\$73.50
Intel Xeon X3360 @ 2.83GHz	4096	583	65.04	\$62.99
Intel Xeon X3363 @ 2.83GHz	4168	575	52.11	\$79.99
Intel Xeon X3370 @ 3.00GHz	4470	519	12.23	\$365.50*
Intel Xeon X3380 @ 3.16GHz	4697	485	NA	NA
Intel Xeon X3430 @ 2.40GHz	3368	740	14.48	\$232.63*
Intel Xeon X3440 @ 2.53GHz	4442	523	8.73	\$508.95*
Intel Xeon X3450 @ 2.67GHz	4997	448	28.96	\$172.54*
Intel Xeon X3460 @ 2.80GHz	5143	435	68.13	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5193	428	10.18	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5968	350	NA	NA
Intel Xeon X5260 @ 3.33GHz	2498	962	12.02	\$207.89
Intel Xeon X5270 @ 3.50GHz	2499	961	NA	NA
Intel Xeon X5272 @ 3.40GHz	2389	994	14.48	\$165.00*
Intel Xeon X5355 @ 2.66GHz	3269	761	133.46	\$24.50
Intel Xeon X5365 @ 3.00GHz	3540	692	22.73	\$155.75
Intel Xeon X5450 @ 3.00GHz	4236	562	42.37	\$100.00
		515	69.14	\$65.00
	4494		UU.17	<b>430.00</b>
Intel Xeon X5460 @ 3.16GHz	4494		17 28	\$276 00*
Intel Xeon X5460 @ 3.16GHz Intel Xeon X5470 @ 3.33GHz	4770	475	17.28	\$276.00* \$207.00*
Intel Xeon X5460 @ 3.16GHz Intel Xeon X5470 @ 3.33GHz Intel Xeon X5472 @ 3.00GHz	4770 4127	475 578	19.94	\$207.00*
Intel Xeon X5460 @ 3.16GHz Intel Xeon X5470 @ 3.33GHz Intel Xeon X5472 @ 3.00GHz Intel Xeon X5482 @ 3.20GHz	4770 4127 4711	475 578 484	19.94 49.60	\$207.00* \$94.9 September
Intel Xeon X5460 @ 3.16GHz Intel Xeon X5470 @ 3.33GHz Intel Xeon X5472 @ 3.00GHz Intel Xeon X5482 @ 3.20GHz Intel Xeon X5492 @ 3.40GHz	4770 4127 4711 4942	475 578 484 453	19.94 49.60 3.55	\$207.00* \$94.9 \$1,391 September Special
Intel Xeon X5460 @ 3.16GHz Intel Xeon X5470 @ 3.33GHz Intel Xeon X5472 @ 3.00GHz Intel Xeon X5482 @ 3.20GHz	4770 4127 4711	475 578 484	19.94 49.60	\$207.00* \$94.9 September

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5570 @ 2.93GHz	5705	376	144.71	\$39.43
Intel Xeon X5647 @ 2.93GHz	6037	345	5.00	\$1,207.50*
Intel Xeon X5650 @ 2.67GHz	7603	244	89.50	\$84.95
Intel Xeon X5660 @ 2.80GHz	7980	225	80.98	\$98.55
Intel Xeon X5667 @ 3.07GHz	4722	483	29.52	\$160.00*
Intel Xeon X5670 @ 2.93GHz	8107	216	73.72	\$109.98
Intel Xeon X5672 @ 3.20GHz	6507	312	47.13	\$138.08*
Intel Xeon X5675 @ 3.07GHz	8570	197	48.00	\$178.53
Intel Xeon X5677 @ 3.47GHz	7005	280	65.59	\$106.82*
Intel Xeon X5679 @ 3.20GHz	8652	Insufficient data	NA	NA
Intel Xeon X5680 @ 3.33GHz	8950	178	48.38	\$185.00
Intel Xeon X5687 @ 3.60GHz	7190	263	43.58	\$165.00
Intel Xeon X5690 @ 3.47GHz	9186	166	32.81	\$280.00
Intel Xeon X5698 @ 4.40GHz	4272	555	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	Insufficient data	NA	NA
Mobile AMD Athlon 4	314	2055	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2011	NA	NA
Mobile AMD Athlon 64 2700+	398	1966	NA	NA
Mobile AMD Athlon 64 2800+	440	1914	NA	NA
Mobile AMD Athlon 64 3000+	450	1902	NA	NA
Mobile AMD Athlon 64 3200+	441	1913	NA	NA
Mobile AMD Athlon 64 3400+	511	1850	NA	NA
Mobile AMD Athlon 64 3700+	363	2007	NA NA	NA
Mobile AMD Athlon 64 4000+ Mobile AMD Athlon 1400+	266	1791	NA NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value (higher is better)	Price
	(higher is better)		1	
Mobile AMD Athlon 2500+	370	1995	NA	NA
Mobile AMD Athlon MP-M 1800+	265	Insufficient data	NA	NA
Mobile AMD Athlon MP-M 2000+				
	378	1986	NA	NA
Mobile AMD Athlon MP-M 2400+		1986 Insufficient data		NA NA
	378		NA	
Mobile AMD Athlon MP-M 2400+	378 295	Insufficient data	NA NA	NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+	378 295 496	Insufficient data	NA NA NA	NA NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP	378 295 496 572	Insufficient data 1861 1811	NA NA NA 49.37	NA NA \$11.59
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M	378 295 496 572 512	1861 1811 1848	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M Mobile AMD Athlon XP-M 1400+	378 295 496 572 512 184	Insufficient data  1861  1811  1848  2213	NA NA NA 49.37 NA	NA NA \$11.59 NA NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M Mobile AMD Athlon XP-M 1400+ Mobile AMD Athlon XP-M 1500+	378 295 496 572 512 184 261	Insufficient data  1861  1811  1848  2213  2136	NA NA NA 49.37 NA NA NA	NA NA \$11.59 NA NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M Mobile AMD Athlon XP-M 1400+ Mobile AMD Athlon XP-M 1500+ Mobile AMD Athlon XP-M 1600+	378 295 496 572 512 184 261 257	Insufficient data  1861  1811  1848  2213  2136  2139	NA NA NA 49.37 NA NA NA NA	NA NA \$11.59 NA NA NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+	378 295 496 572 512 184 261 257 323	Insufficient data  1861  1811  1848  2213  2136  2139  2046	NA NA NA 49.37 NA NA NA NA NA	NA NA \$11.59 NA NA NA NA NA NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M Mobile AMD Athlon XP-M 1400+ Mobile AMD Athlon XP-M 1500+ Mobile AMD Athlon XP-M 1600+ Mobile AMD Athlon XP-M 1700+ Mobile AMD Athlon XP-M 1800+	378 295 496 572 512 184 261 257 323 312	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058	NA NA NA 49.37 NA NA NA NA NA NA	NA NA \$11.59 NA NA NA NA NA NA NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M Mobile AMD Athlon XP-M 1400+ Mobile AMD Athlon XP-M 1500+ Mobile AMD Athlon XP-M 1600+ Mobile AMD Athlon XP-M 1700+ Mobile AMD Athlon XP-M 1800+ Mobile AMD Athlon XP-M 1800+ Mobile AMD Athlon XP-M 1900+	378 295 496 572 512 184 261 257 323 312 342	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030	NA NA NA 49.37 NA NA NA NA NA NA NA NA NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1800+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2000+	378 295 496 572 512 184 261 257 323 312 342 300	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+ Mobile AMD Athlon MP-M 2800+ Mobile AMD Athlon XP Mobile AMD Athlon XP-M Mobile AMD Athlon XP-M 1400+ Mobile AMD Athlon XP-M 1500+ Mobile AMD Athlon XP-M 1600+ Mobile AMD Athlon XP-M 1700+ Mobile AMD Athlon XP-M 1700+ Mobile AMD Athlon XP-M 1800+ Mobile AMD Athlon XP-M 1900+ Mobile AMD Athlon XP-M 2000+ Mobile AMD Athlon XP-M 2200+	378 295 496 572 512 184 261 257 323 312 342 300 364	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1800+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2400+	378 295 496 572 512 184 261 257 323 312 342 300 364 346	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006  2027	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1800+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2400+  Mobile AMD Athlon XP-M 2500+	378 295 496 572 512 184 261 257 323 312 342 300 364 346 351	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006  2027	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1800+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2600+	378 295 496 572 512 184 261 257 323 312 342 300 364 346 351 370	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006  2027  2020  1994	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2600+  Mobile AMD Athlon XP-M 2600+  Mobile AMD Athlon XP-M 2600+  Mobile AMD Athlon XP-M 2800+	378 295 496 572 512 184 261 257 323 312 342 300 364 346 351 370 365	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006  2027  2020  1994  2005	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2900+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2600+  Mobile AMD Athlon XP-M 2600+  Mobile AMD Athlon XP-M 2800+  Mobile AMD Athlon XP-M 3000+	378 295 496 572 512 184 261 257 323 312 342 300 364 346 351 370 365 365	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006  2027  2020  1994  2005  2003	NA NA NA 49.37 NA	NA NA \$11.59 NA
Mobile AMD Athlon MP-M 2400+  Mobile AMD Athlon MP-M 2800+  Mobile AMD Athlon XP  Mobile AMD Athlon XP-M  Mobile AMD Athlon XP-M 1400+  Mobile AMD Athlon XP-M 1500+  Mobile AMD Athlon XP-M 1600+  Mobile AMD Athlon XP-M 1700+  Mobile AMD Athlon XP-M 1800+  Mobile AMD Athlon XP-M 1900+  Mobile AMD Athlon XP-M 2000+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2200+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2500+  Mobile AMD Athlon XP-M 2600+  Mobile AMD Athlon XP-M 2800+  Mobile AMD Athlon XP-M 2800+  Mobile AMD Athlon XP-M 3000+  Mobile AMD Athlon XP-M 3000+  Mobile AMD Athlon XP-M 3100+	378 295 496 572 512 184 261 257 323 312 342 300 364 346 351 370 365 365 440	Insufficient data  1861  1811  1848  2213  2136  2139  2046  2058  2030  2080  2006  2027  2020  1994  2005  2003	NA NA NA 49.37 NA	NA NA \$11.59 NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 1600+	296	2085	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2035	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	1992	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	1884	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	1856	NA	NA
Mobile AMD Sempron 2100+	254	2144	NA	NA
Mobile AMD Sempron 2600+	394	1973	NA	NA
Mobile AMD Sempron 2800+	354	2018	NA	NA
Mobile AMD Sempron 3000+	387	1979	NA	NA
Mobile AMD Sempron 3100+	415	1938	NA	NA
Mobile AMD Sempron 3200+	354	2017	NA	NA
Mobile AMD Sempron 3300+	461	1894	NA	NA
Mobile AMD Sempron 3400+	443	1912	NA	NA
Mobile AMD Sempron 3500+	410	1946	NA	NA
Mobile AMD Sempron 3600+	434	1924	NA	NA
•	517	1843	NA	NA
Mobile AMD Sempron 3800+  Mobile Intel Celeron 1.20GHz	170	2221	NA	NA NA
Mobile Intel Celeron 1.50GHz	188	2207	NA	NA
Mobile Intel Celeron 1.60GHz	188	2208	NA	NA
Mobile Intel Celeron 1.70GHz	181	2215	NA	NA
Mobile Intel Celeron 1.80GHz	186	2210	NA	NA
Mobile Intel Celeron 2.00GHz	241	2163	NA	NA
Mobile Intel Celeron 2.20GHz	226	2177	NA	NA
Mobile Intel Celeron 2.40GHz	239	2164	NA	NA
Mobile Intel Celeron 2.50GHz	281	2110	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1200MHz	294	2086	NA	NA
Mobile Intel Celeron 1333MHz	309	2064	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2117	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2132	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2115	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2054	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2033	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2014	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	1917	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	1880	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2201	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	177	2217	0.99	\$179.60
Mobile Intel Pentium 4 - M 1.80GHz	191	2205	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2171	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	220	2181	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	211	2193	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2188	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2143	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2056	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2192	NA	NA
Mobile Intel Pentium III - M 933MHz	226	2176	NA	NA September Special
Mobile Intel Pentium III - M 1000MHz	250	2151	NA	NA Special
Mobile Intel Pentium III - M 1133MHz	289	2091	NA	NA WirelessN
Mobile Intel Pentium III - M 1200MHz	263	2133	NA	NA Wireless

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1333MHz	289	2092	NA	NA
Quad-Core AMD Opteron 1385	3517	698	45.10	\$77.99*
Quad-Core AMD Opteron 1389	3046	Insufficient data	NA	NA
VIA C3 Ezra	100	2245	NA	NA
VIA C7 1500MHz	284	2104	NA	NA
VIA C7-D 1500MHz	287	2099	NA	NA
VIA C7-D 1800MHz	198	2199	NA	NA
VIA C7-D 2000MHz	368	1997	NA	NA
VIA C7-M 1000MHz	164	2224	NA	NA
VIA C7-M 1200MHz	143	2234	NA	NA
VIA C7-M 1600MHz	188	2209	NA	NA
VIA C7-M 6300MHz	222	2180	NA	NA
VIA Eden 800MHz	155	2227	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	478	1881	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1523	NA	NA
VIA Esther 1000MHz	169	2222	NA	NA
VIA Esther 1300MHz	250	2150	NA	NA
VIA Esther 1500MHz	219	2183	NA	NA
VIA Esther 2000MHz	394	1972	NA	NA
VIA Nano L1900@1400MHz	457	1898	NA	NA
VIA Nano L2007@1600MHz	381	1982	NA	NA
VIA Nano L2100@1800MHz	428	1928	NA	NA
VIA Nano L2207@1600MHz	340	Insufficient data	NA	NA
VIA Nano L3025@1600MHz	517	1844	NA	NA
VIA Nano L3050@1800MHz	581	1806	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	1776	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	1988	NA	NA
VIA Nano U2250@1300+MHz	274	2123	NA	NA
VIA Nano U2500@1200MHz	306	2068	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	1857	NA	NA
VIA Nano U3300@1200MHz	409	1947	NA	NA
VIA Nano U3500@1000MHz	275	2120	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	639	Insufficient data	NA	NA
VIA Nehemiah	155	2228	NA	NA
VIA QuadCore C4650@2.0GHz	1965	1141	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	Insufficient data	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1505	NA	NA
VIA Samuel 2	79	2247	NA	NA

\* - Last price seen from our affiliates.

## **Multi CPU Systems**

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	Insufficient data	NA	NA	
[Dual CPU] AMD Athlon 64 FX-72	3163	Insufficient data	NA	NA	
[Dual CPU] AMD Athlon 64 FX-74	2947	227	2.95	\$999.	Septemb Special
[Dual CPU] AMD Athlon MP 2000+	604	Insufficient data	NA	NA	age/ Ol
[Dual CPU] AMD Opteron 246	1130	250	5.19	\$217.9t	20% Of

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
[Dual CPU] AMD Opteron 248	1053	251	43.88	\$24.00	
[Dual CPU] AMD Opteron 250	1438	248	59.92	\$24.00	
[Dual CPU] AMD Opteron 252	1385	249	10.93	\$126.72	
[Dual CPU] AMD Opteron 254	816	Insufficient data	NA	NA	
[Dual CPU] AMD Opteron 256	1853	Insufficient data	NA	NA	
[Dual CPU] AMD Opteron 270	2226	243	1.82	\$1,219.92	
[Dual CPU] AMD Opteron 275	2133	245	16.41	\$129.98	
[Dual CPU] AMD Opteron 280	2524	236	1.58	\$1,593.34	
[Dual CPU] AMD Opteron 285	2772	233	NA	NA	
[Dual CPU] AMD Opteron 290	2807	231	10.40	\$270.00*	
[Dual CPU] AMD Opteron 885	2851	230	NA	NA	
[Dual CPU] AMD Opteron 2212	2277	242	87.58	\$26.00	
Dual CPU] AMD Opteron 2214 HE	2463	239	NA	NA	
Dual CPU] AMD Opteron 2216	2485	238	4.39	\$566.00*	
[Dual CPU] AMD Opteron 2216 HE	2593	Insufficient data	NA	NA	
[Dual CPU] AMD Opteron 2218	2719	234	21.46	\$126.72	
[Dual CPU] AMD Opteron 2218 HE	2514	237	NA	NA	
[Dual CPU] AMD Opteron 2220	2917	228	37.04	\$78.76	
[Dual CPU] AMD Opteron 2220 SE	2882	229	NA	NA	
[Dual CPU] AMD Opteron 2222	2948	226	0.89	\$3,329.96*	
[Dual CPU] AMD Opteron 2222 SE	3303	223	117.96	\$3,329.96	
<u> </u>	4095				
[Dual CPU] AMD Opteron 2346 HE		217	NA 7.03	NA	
[Dual CPU] AMD Opteron 2347 HE	3313	222	7.02	\$471.66*	
[Dual CPU] AMD Opteron 2350	4421	211	8.19	\$539.98*	
[Dual CPU] AMD Opteron 2354	4566	209	6.94	\$657.56*	
[Dual CPU] AMD Opteron 2356	4487	210	32.13	\$139.66	
[Dual CPU] AMD Opteron 2360 SE	5315	198	85.73	\$62.00*	
[Dual CPU] AMD Opteron 2374 HE	5161	Insufficient data	13.58	\$379.98*	
[Dual CPU] AMD Opteron 2376	5238	200	81.84	\$64.00*	
[Dual CPU] AMD Opteron 2378	5559	Insufficient data	15.53	\$358.00*	
[Dual CPU] AMD Opteron 2380	5754	191	179.81	\$32.00	
[Dual CPU] AMD Opteron 2384	5977	187	3.56	\$1,680.00*	
[Dual CPU] AMD Opteron 2387	6441	178	NA	NA	
[Dual CPU] AMD Opteron 2389	5703	192	NA	NA	
[Dual CPU] AMD Opteron 2419	5571	196	27.86	\$199.98*	
[Dual CPU] AMD Opteron 2425 HE	6209	182	NA	NA	
[Dual CPU] AMD Opteron 2427	6044	185	28.67	\$210.80	
[Dual CPU] AMD Opteron 2431	7044	Insufficient data	95.19	\$74.00	
[Dual CPU] AMD Opteron 2435	7315	164	30.38	\$240.80*	
[Dual CPU] AMD Opteron 2439 SE	8093	147	44.97	\$179.98*	
[Dual CPU] AMD Opteron 4122	4076	218	7.84	\$519.90	
[Dual CPU] AMD Opteron 4130	5828	Insufficient data	9.43	\$617.90	
[Dual CPU] AMD Opteron 4170 HE	6254	181	14.21	\$440.02	
[Dual CPU] AMD Opteron 4184	7949	150	7.64	\$1,039.90	
[Dual CPU] AMD Opteron 4226	8088	148	15.92	\$507.98*	
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
[Dual CPU] AMD Opteron 4228 HE	7986	Insufficient data	NA	NA 🕝	eptember
Control observed response		123	15.72	\$595.3	special
[Dual CPU] AMD Onteron 4234	9361				
[Dual CPU] AMD Opteron 4234 [Dual CPU] AMD Opteron 4276 HE	9361 9681	Insufficient data	NA	NA 2	o% OFI

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4284	6506	Insufficient data	9.10	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	Insufficient data	19.21	\$492.78
[Dual CPU] AMD Opteron 4340	10113	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	112	NA	NA
[Dual CPU] AMD Opteron 4386	11888	93	15.08	\$788.24
[Dual CPU] AMD Opteron 6128	6959	171	16.84	\$413.34
[Dual CPU] AMD Opteron 6132 HE	8657	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6136	7255	165	3.27	\$2,218.74*
[Dual CPU] AMD Opteron 6164 HE	5109	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6168	7741	Insufficient data	18.58	\$416.60*
[Dual CPU] AMD Opteron 6172	8111	146	35.73	\$226.98
[Dual CPU] AMD Opteron 6174	8776	134	60.07	\$146.10
[Dual CPU] AMD Opteron 6180 SE	3114	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6204	7134	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6212	8955	127	10.92	\$819.98
[Dual CPU] AMD Opteron 6220	10402	111	23.79	\$437.18
[Dual CPU] AMD Opteron 6234	10504	Insufficient data	13.13	\$799.98*
		Insufficient data		
[Dual CPU] AMD Opteron 6238	10363		4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10006	116	15.39	\$650.00
[Dual CPU] AMD Opteron 6274	10682	105	5.88	\$1,817.90
[Dual CPU] AMD Opteron 6275	9936	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6276	10947	101	55.15	\$198.50
[Dual CPU] AMD Opteron 6284 SE	11985	92	NA	NA
[Dual CPU] AMD Opteron 6308	7777	155	6.91	\$1,126.26*
[Dual CPU] AMD Opteron 6320	10489	109	17.48	\$599.98
[Dual CPU] AMD Opteron 6328	11810	96	9.66	\$1,222.46
[Dual CPU] AMD Opteron 6344	11178	100	13.63	\$819.98
[Dual CPU] AMD Opteron 6348	12180	Insufficient data	10.15	\$1,199.98
[Dual CPU] AMD Opteron 6376	10405	110	7.43	\$1,399.98
[Dual CPU] AMD Opteron 6378	2905	Insufficient data	1.69	\$1,719.98
[Dual CPU] AMD Opteron 6380	14200	75	6.39	\$2,221.98
[Dual CPU] AMD Opteron 6386 SE	10764	104	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	Insufficient data	0.85	\$3,312.70*
[Dual CPU] AMD Opteron 8222 SE	2792	Insufficient data	0.50	\$5,628.74
[Dual CPU] AMD Opteron 8354	3223	Insufficient data	115.11	\$28.00
[Dual CPU] AMD Opteron 8380	5643	Insufficient data	13.70	\$412.00*
[Dual CPU] AMD Opteron 8389	6517	Insufficient data	12.23	\$532.82*
[Dual CPU] AMD Opteron 8431	5813	190	20.04	\$290.00*
[Dual CPU] AMD Opteron 8435	7606	158	28.17	\$270.00*
[Dual CPU] AMD Opteron 8439 SE	7875	152	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	Insufficient data	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	Insufficient data	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @	8303	141	4.17	\$1,990.00*
3.20GHz	0000	1-71	7.17	ψ1,930.00
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	Insufficient data	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz		262	NA	NA
CPU Name	Passmark CPU Mark	Rank	CPU Value (higher is better)	Price (USD)
EDural CDUIT Intal Dantium III 4400 C 4400	(higher is better)	· · · · · ·		Septema
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	260	NA 	O
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	E 49	259	NA	NA Wireless

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel XEON 2.20GHz	453	Insufficient data	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	486	261	26.70	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	Insufficient data	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	678	257	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	782	256	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	258	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	866	255	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	894	254	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	253	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1914	246	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	989	252	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2186	244	60.72	\$36.00
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	241	19.09	\$121.00
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2621	235	72.81	\$36.00
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	Insufficient data	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2996	225	99.93	\$29.98
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	224	42.84	\$70.00
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3498	221	21.20	\$165.00
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3878	219	107.72	\$36.00
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	Insufficient data	10.21	\$586.42*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7387	160	11.97	\$616.94
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11832	95	14.28	\$828.50
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	98	13.32	\$879.98
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	79	19.71	\$692.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	Insufficient data	11.39	\$1,252.54
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz		Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	Insufficient data	13.62	\$1,007.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11876	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	Insufficient data	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	55	5.82	\$3,193.30*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6259	180	14.46	\$432.80
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6518	176	15.52	\$419.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8305	140	21.97	\$378.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8809	133	NA	NA
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8143	144	101.81	\$79.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8672	136	13.99	\$619.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9885	119	17.15	\$576.50
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10835	102	NA	NA
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12585	88	15.85	\$794.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13474	83	16.63	\$809.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15369	67	18.56	\$827.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	17140	60	NA	NA
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	13914	77	14.45	\$962.98
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	10196	Insufficient data	9.02	\$1,130.00
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13846	78	13.85	\$1,000.00
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16229	65	13.39	\$1,211.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD) Septembe
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18688	52	12.23	\$1,528 Special 20% OF
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18606	54	NA	NA 20% OI
	1	1	1	Mirelessin

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NA

NA

[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	80	NA	NA
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16247	64	7.21	\$2,251.84*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16854	63	5.77	\$2,919.90
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	17476	Insufficient data	8.13	\$2,150.00
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14924	70	23.69	\$630.00
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14773	71	8.30	\$1,779.98
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20824	42	10.64	\$1,956.90
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	21583	39	NA	NA
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13492	82	12.27	\$1,100.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21447	40	6.38	\$3,359.40
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20574	47	6.39	\$3,218.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	22063	37	NA	NA
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12233	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15283	69	29.17	\$524.00
[Dual CPU] Intel Xeon E5-2650 w 2.00GHz	19301	51	8.58	\$2,250.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	20675	45	9.80	
· · · · · · · · · · · · · · · · · · ·				\$2,110.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	22220	35	NA	NA
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	73	NA	NA
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18066	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17295	59	55.79	\$309.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18670	53	6.08	\$3,071.80*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	23723	25	8.24	\$2,880.00
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23447	26	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17643	58	8.12	\$2,171.76*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	16	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17014	61	3.53	\$4,820.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23295	27	5.10	\$4,564.28
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22935	32	5.43	\$4,220.00
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18554	56	26.00	\$713.64
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22149	36	7.10	\$3,119.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22953	31	7.17	\$3,200.00
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23245	30	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	20638	46	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	23842	24	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	6	NA	NA
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18314	57	29.63	\$618.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	23263	29	6.53	\$3,559.90
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25746	14	8.58	\$3,000.00
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	22561	33	5.30	\$4,257.76*
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[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	32615	2	NA 4 94	NA \$4,430,44
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz [Dual CPU] Intel Xeon E5-2687W v2 @	21296 24416	20	<b>4.81 5.26</b>	\$4,430.14 \$4,641.10
3.40GHz				
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24769	17	5.68	\$4,359.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	27161	12	NA	NA
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	48	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	23286	28	NA	NA September Special
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price 20% OF

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20699	44	12.43	\$1,665.48
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	24142	21	5.17	\$4,670.10*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	27572	10	6.71	\$4,108.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	28114	9	NA	NA
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	21980	38	4.49	\$4,896.98*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	27019	13	5.13	\$5,264.00
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	20768	43	3.71	\$5,602.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24548	18	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	29548	7	NA	NA
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	30752	4	NA	NA
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23939	23	4.64	\$5,159.90
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28902	8	5.27	\$5,480.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz		22	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	30217	5	5.68	\$5,320.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	31811	3	NA	NA
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[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25382	15	3.34	\$7,600.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	38461	1	4.16	\$9,236.08
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	50	NA	NA
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19753	49	2.53	\$7,799.98*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	11	NA	NA
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	90	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	34	NA	NA
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	Insufficient data	2.83	\$6,199.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	Insufficient data	114.06	\$19.98
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3667	220	36.67	\$100.00
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4199	216	25.45	\$165.00
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4617	208	27.98	\$165.00
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5191	201	3.71	\$1,400.00
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5288	199	12.02	\$440.00
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6117	184	13.90	\$440.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6494	177	87.78	\$73.98
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6951	172	42.91	\$162.00
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7323	163	130.77	\$56.00
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7793	154	38.97	\$200.00
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7359	161	17.61	\$417.90*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7873	153	26.24	\$300.00
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2425	240	28.87	\$84.00
		232		
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801		4.83	\$580.00*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4952	204	77.38	\$64.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5110	202	88.10	\$58.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5584	195	6.07	\$920.00*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7508	159	192.51	\$39.00
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7764	156	47.84	\$162.30*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8124	145	103.10	\$78.80*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4238	215	6.33	\$670. Septembe
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5613	194	33.81	
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)  Special  20% OF  WirelessN

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	6004	186	14.68	\$408.92*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8289	142	98.68	\$84.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8512	138	74.34	\$114.50
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8914	129	49.50	\$180.08
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10543	107	27.02	\$390.24
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10822	103	55.21	\$196.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	Insufficient data	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	Insufficient data	21.38	\$209.00
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	214	16.35	\$262.12*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	206	81.52	\$60.00
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	193	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6198	183	103.30	\$60.00
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6603	175	31.59	\$209.00
	6732	Insufficient data		
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6904	173	23.45 NA	\$287.10*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz				NA \$27.90*
[Dual CPU] Intel Xe on L5520 @ 2.27GHz	7001	170	185.21	\$37.80*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	Insufficient data	NA	NA 0000 40t
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7112	166	7.88	\$902.10*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8894	131	7.50	\$1,186.00*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9625	120	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	10088	115	53.10	\$189.98
[Dual CPU] Intel Xeon MP 2.50GHz	550	Insufficient data	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	Insufficient data	12.83	\$42.00*
[Dual CPU] Intel Xeon MP 3.00GHz	652	Insufficient data	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1538	247	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10132	114	3.05	\$3,319.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10541	108	3.00	\$3,518.80*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	Insufficient data	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4826	207	11.61	\$415.78
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4894	205	14.83	\$330.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5927	189	120.96	\$49.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6403	179	20.56	\$311.50
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7644	157	38.22	\$200.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8065	149	62.04	\$130.00
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8363	139	15.15	\$552.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7890	151	19.06	\$414.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8514	137	44.82	\$189.98
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8906	130	3.20	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9133	126	61.31	\$148.96
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9249	124	63.19	\$146.36
[Dual CPU] Intel Xe on X5570 @ 2.93GHz	9601	121	121.75	\$78.86
[Dual CPU] Intel Xe on X5647 @ 2.93GHz	9939	117	4.12	\$2,415.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11745	97	69.13	\$169.90
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11886	94	60.30	\$197.10
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	132	27.55	\$320.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12751	86	57.97	\$219.96
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10224	113	37.02	\$276.16*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12930	84	36.21	\$357. Septembe
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11638	99	54.47	
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price 20% OF

http://www.cpubenchmark.net/cpu\_list.php

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	81	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13971	76	37.76	\$370.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12224	89	37.04	\$330.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14308	74	25.55	\$560.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	Insufficient data	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6640	174	83.02	\$79.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	135	NA	NA
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	118	26.29	\$378.00
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	Insufficient data	36.35	\$319.98
[Dual CPU] Quad-Core AMD Opteron 2352	4378	Insufficient data	101.72	\$43.04
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	203	11.46	\$440.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	213	8.90	\$482.00*
[Dual CPU] Quad-Core AMD Opteron 8356	4374	212	10.27	\$426.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	197	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	7051	168	NA	NA NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	Insufficient data	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5976	188	NA	NA
		Insufficient data		
[Quad CPU] AMD Opteron 6128 HE	8323	Insufficient data	NA	NA ¢4.427.49*
[Quad CPU] AMD Opteron 6136	9767		2.20	\$4,437.48*
[Quad CPU] AMD Opteron 6272	12587	87	9.68	\$1,300.00
[Quad CPU] AMD Opteron 6274	11383	Insufficient data	3.13	\$3,635.80
[Quad CPU] AMD Opteron 6276	15342	68	38.64	\$397.00
[Quad CPU] AMD Opteron 6278	12055	91	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	72	5.24	\$2,799.96
[Quad CPU] AMD Opteron 8360 SE	7915	Insufficient data	94.23	\$84.00*
[Quad CPU] AMD Opteron 8382	8553	Insufficient data	85.53	\$100.00
[Quad CPU] AMD Opteron 8425 HE	7359	162	NA	NA
[Quad CPU] AMD Opteron 8431	8252	143	14.23	\$580.00*
[Quad CPU] AMD Opteron 8435	7099	167	13.15	\$540.00*
[Quad CPU] AMD Opteron 8439 SE	8943	128	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	Insufficient data	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	62	NA	NA
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	19	NA	NA
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	Insufficient data	1.23	\$14,079.96*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	11752	Insufficient data	2.72	\$4,319.96
[Quad CPU] Intel Xeon E7310 @ 1.60GHz	5065	Insufficient data	9.65	\$525.00*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	169	35.14	\$199.80*
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9487	122	NA	NA
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	Insufficient data	10.76	\$839.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	Insufficient data	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9238	125	57.75	\$159.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12860	85	NA	NA
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	Insufficient data	15.21	\$756.00
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	66	24.09	\$639.96
[Quad CPU] Quad-Core AMD Opteron 8356	7170	Insufficient data	8.42	\$852. September
* - Last	price seen from		l List] - [Graph Not	20% OFF

[High-End CPUs] - [High Mid-Range CPUs] - [Low Mid-Range CPUs] - [Low-End CPUs]
[CPU Popularity 90 days] - [Multi CPU Systems] - [Laptop CPUs] - [CPU Mega Page - Detailed CPU List]
[Single Thread CPU Performance] - [CPU Mark by Socket Type] - [Manufacturer Market Share]

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