

Benchmarks

CPU Blowfish

CPU Blowfish

This Machine	3600 MHz 1,000
2x AMD Phenom II X2 545	800 MHz 8.035
2x Intel Core2 Duo E8300	2830 MHz 5.622
AMD Athlon XP 1800+	1533 MHz 23.712
Intel Pentium 4 2.66GHz	2676 MHz 24.384
2x AMD Opteron 248	1000 MHz 15.181
4x AMD Phenom 9850 Quad-Core	1300 MHz 4.057
Mobile Intel Celeron 2.00GHz	1993 MHz 27.956
AMD Sempron 3800+	2210 MHz 16.136
2x Intel Core2 Duo T7250	2001 MHz 9.446
Intel T2500	1992 MHz 18.545
AMD Athlon 64 3700+	1000 MHz 17.514
8x Intel Core i7 Q 720	931 MHz 4.297
2x AMD Athlon 64 X2 Dual Core 6000+	3051 MHz 6.971
2x AMD Athlon II X4 620	800 MHz 8.937
Intel Core2 6600	2396 MHz 14.232
Intel Celeron 1.70GHz	1715 MHz 42.498
4x Intel Core2 Quad Q9550	2830 MHz 3.212
2x Intel Pentium D 2.80GHz	2792 MHz 12.620
AMD Geode	1394 MHz 23.826
Pentium III (Coppermine)	700 MHz 50.418
2x Intel Celeron E1500	1200 MHz 8.819
2x Intel Core2 Duo T9500	2593 MHz 6.964
2x AMD Athlon 64 X2 Dual Core 6400+	1000 MHz 6.365
Mobile AMD Sempron 4000+	2200 MHz 16.281
2x Intel Pentium 4 2.40GHz	2405 MHz 20.380
3x AMD Phenom II X3 705e	800 MHz 5.211
2x AMD Athlon X2 Dual Core BE-2400	2305 MHz 9.103
2x Intel Pentium DualT2410	800 MHz 8.744
2x AMD Turion 64 X2 Mobile TL-56	800 MHz 11.240
PowerPC 740/750 (350.00MHz)	350 MHz 139.082
2x Intel L2400	1000 MHz 10.329
2x Dual Core AMD Opteron 175	2211 MHz 10.239
2x Intel Pentium 4 2.60GHz	2600 MHz 17.985
2x Intel Core2 Duo E7200	2534 MHz 8.117

2x Intel	800 MHz	7.120
2x Intel Core2 Duo U9300	800 MHz	14.511
Intel Celeron 2.93GHz	2933 MHz	22.969
2x Intel Core2 Duo L7700	1801 MHz	9.513
2x Intel Pentium D 3.20GHz	3192 MHz	11.376
Intel Pentium 4 3.06GHz	3058 MHz	21.222
Mobile AMD Sempron 3400+	800 MHz	24.171
4x AMD Phenom 9650 Quad-Core	1200 MHz	4.661
2x Intel Core2 Duo P7350	2000 MHz	9.882
AMD Athlon 64 3400+	2195 MHz	17.066
4x AMD Phenom II X4 955	3210 MHz	3.473
8x Quad-Core AMD Opteron 2354	2200 MHz	2.268
2x AMD Athlon 64 X2 Dual-Core TK-57	1900 MHz	11.912
2x Intel Xeon 2.80GHz	2791 MHz	9.964
AMD Duron	1000 MHz	32.608
Intel Celeron M 530	1728 MHz	19.625

CPU CryptoHash

CPU CryptoHash

This Machine	3600 MHz	1080,000
AMD Turion 64 Mobile MT-30	1600 MHz	46.794
AMD Athlon 64 X2 Dual Core 4000+	2111 MHz	60.540
AMD Duron	1000 MHz	37.719
Intel Celeron 540	1861 MHz	48.837
Intel Core2 Quad Q9550	3009 MHz	98.219
2x Intel Core2 Duo P9300	800 MHz	140.960
Intel Core2 Quad Q8200	2311 MHz	173.483
4x Intel Core2 Quad Q6700	2669 MHz	242.923
2x AMD Athlon Dual Core 5050e	2600 MHz	141.746
Intel Pentium M 1.10GHz	1100 MHz	37.177
AMD Athlon	1210 MHz	33.896
Intel 575	1995 MHz	67.587
2x Intel Xeon 3.20GHz	3190 MHz	92.657
AMD Sempron 3600+	1000 MHz	51.563
Mobile Intel Celeron 2.00GHz	1993 MHz	26.959
AMD Athlon XP 2100+	1746 MHz	53.388
Intel Pentium 4 2.00GHz	1994 MHz	25.455
AMD Athlon 64 3500+	1000 MHz	55.524
Mobile AMD Athl	501 MHz	16.576
Intel Celeron 1000MHz	1203 MHz	37.240
AMD Athlon XP-M	2315 MHz	62.217
AMD Sempron 2500+	1400 MHz	40.373

2x Intel Celeron E1200	1200 MHz 103.285
Mobile AMD Athlon 64 3400+	2194 MHz 59.561
Intel Core2 Duo T7700	3698 MHz 93.010
2x Intel Core Duo T2600	2161 MHz 139.349
Intel 800MHz	798 MHz 25.335
Intel Celeron 420	1600 MHz 52.401
2x AMD Turion X2 Dual-Core Mobile RM-70	500 MHz 86.309
AMD Sempron 3400+	1000 MHz 59.390
2x Intel Core2 6400	2128 MHz 149.440
8x Intel Xeon W5580	3193 MHz 653.451
2x Intel Core2 6320	1600 MHz 124.843
2x AMD Turion X2 Ultra Dual-Core Mobile ZM-80	500 MHz 105.473
AMD Sempron LE-1200	2109 MHz 49.237
AMD Athlon LE-1640	1000 MHz 75.423
4x Intel XEON MP 1.50GHz	1495 MHz 72.913
Intel Core2 Duo P7350	1991 MHz 63.936
2x AMD Turion 64 X2 TL-64	2200 MHz 109.300
2x Intel Core Duo T2450	800 MHz 117.782
Mobile AMD Sempron 3600+	800 MHz 54.389
2x Intel Pentium 4 3.06GHz	3065 MHz 76.465
2x AMD Athlon 7550 Dual-Core	1250 MHz 160.398
2x Intel Core2 Duo E8135	2660 MHz 183.807
4x Intel Xeon X3210	2133 MHz 227.529
8x Intel Core i7 975	1596 MHz 648.002
2x AMD Athlon 64 X2 Dual Core 4200+	2200 MHz 111.592
2x AMD Phenom II X2 545	800 MHz 163.277
2x Intel Core2 Duo T8300	1400 MHz 134.558
2x Intel Celeron E1500	1200 MHz 148.781

CPU Fibonacci

CPU Fibonacci

AMD Sempron 2600+	1840 MHz 4.844
2x Intel Core2 Duo E4700	2613 MHz 3.777
Intel 575	1995 MHz 5.041
8x Intel Xeon E5405	2000 MHz 3.938
2x Intel Pentium D 3.00GHz	3000 MHz 3.942
4x Intel Core i7 920	2664 MHz 2.607
Mobile AMD Sempron 3000+	800 MHz 5.103
2x Intel Xeon X5260	3325 MHz 2.392
4x Intel Core2 Extreme Q6850	2400 MHz 2.800
4x Intel Core2 Quad Q9650	2997 MHz 2.735
Intel Celeron M 1.50GHz	1500 MHz 6.981

2x Intel Core i5 750	2371 MHz 2.253
Intel Core2 Duo P7350	1991 MHz 4.337
Turbo 3400L Comb featuring VIG4 and AMD NX1750	1512 MHz 5.866
Intel Core2 T7400	2162 MHz 8.039
Intel Celeron 2.60GHz	2600 MHz 6.098
Intel Core2 Duo E6750	2656 MHz 4.717
2x AMD	3030 MHz 2.461
2x Intel Core2 Duo P9600	2667 MHz 2.942
2x AMD Athlon 64 X2 Dual Core 6000+	3051 MHz 2.738
Mobile AMD Sempron 3300+	800 MHz 5.001
2x Intel Pentium DualE2180	2000 MHz 4.757
2x Intel Core2 Duo P9500	2535 MHz 3.229
3x AMD Phenom 8400 Triple-Core	2109 MHz 3.367
2x AMD Turion X2 Ultra Dual-Core Mobile ZM-80	500 MHz 3.994
2x AMD Athlon X2 Dual Core LS-5810	2210 MHz 3.625
2x Intel Xeon 3040	1862 MHz 3.791
2x AMD Athlon64 X2 Dual Core 4200+	1800 MHz 5.019
AMD Athlon	1210 MHz 8.676
4x Intel Core2 Extreme X9650	1998 MHz 2.868
2x Intel Pentium 4 3.20GHz	2400 MHz 4.441
Intel Celeron 450	2195 MHz 4.927
4x Dual-Core AMD Opteron 2216	2394 MHz 3.358
8x Intel Xeon X5460	1998 MHz 2.266
Intel Pentium III family1400MHz	1048 MHz 19.148
Pentium III (Coppermine)	700 MHz 14.856
AMD Athlon 64 X2 Dual Core 4600+	2411 MHz 3.527
2x Intel Xeon E5405	1995 MHz 4.073
2x AMD Athlon 64 X2 Dual Core 5400+	1000 MHz 2.874
Mobile Intel Pentium 4 2.40GHz	1599 MHz 5.765
Intel Celeron 1133MHz	1133 MHz 9.018
2x Intel Core2 Duo E8200	2340 MHz 2.896
AMD Sempron 2200+	1494 MHz 6.079
4x AMD Phenom II X4 B50	3100 MHz 2.097
4x AMD Phenom II X4 945	800 MHz 2.228
2x Pentium Dual-CoreE6500	1600 MHz 2.936
2x AMD Athlon X2 Dual Core BE-2400	2305 MHz 3.708
Mobile Intel Pentium 4 - M 2.20GHz	2193 MHz 6.715
2x Intel Core2 T7200	2000 MHz 5.073
8x Intel Core i7 860	1200 MHz 2.376

CPU N-Queens

CPU N-Queens

This Machine	3600 MHz 6.000
Intel Celeron M 420	1599 MHz 19.277
Intel Pentium 4 2.93GHz	2933 MHz 14.324
2x AMD Athlon Dual Core 5050e	2600 MHz 16.455
2x Intel Core2 Duo P9400	800 MHz 10.384
8x Intel Core i7 950	1596 MHz 0.754
2x Intel Core2 T7200	2000 MHz 22.097
2x Intel T2060	798 MHz 26.081
Intel Pentium 4 2.60GHz	2600 MHz 10.757
2x Intel Core2 Duo T5900	800 MHz 11.060
2x AMD Athlon X2 Dual Core BE-2300	1899 MHz 19.544
2x Intel Core2 Duo T9300	2500 MHz 8.949
2x Intel Core2 Duo T5800	1200 MHz 11.723
2x Intel Core Duo T2400	1000 MHz 25.107
Intel Pentium 4 3.40GHz	3391 MHz 9.964
2x Intel Core2 E7500	2932 MHz 14.998
AMD Athlon XP 2400+	1991 MHz 14.547
Mobile AMD Athlon XP 2400+	1260 MHz 17.149
AMD Athlon 64 X2 Dual-Core TK-57	1900 MHz 15.855
Intel Celeron 3.06GHz	3059 MHz 10.293
4x Intel Core2 Quad Q9450	2000 MHz 11.834
Intel Core2 T7400	2162 MHz 18.181
2x AMD Athlon 64 X2 Dual Core 4000+	1000 MHz 17.507
2x Intel Core2 Duo E6750	2671 MHz 7.847
2x AMD Turion 64 X2 Mobile TL-50	800 MHz 21.590
Intel Celeron 1100MHz	1110 MHz 21.829
4x Intel Core2 Quad Q9550	2830 MHz 14.794
2x AMD Turion II Dual-Core Mobile M500	1500 MHz 11.663
AMD Turion 64	2200 MHz 17.829
2x Intel 1500	1000 MHz 25.014
Mobile AMD Athlon 64 3000+	800 MHz 15.997
AMD Phenom II X4 940	3012 MHz 6.944
2x AMD Athlon Dual Core 4850e	2500 MHz 14.896
Intel Celeron 1133MHz	1133 MHz 20.399
2x Intel Celeron E1200	1200 MHz 14.727
Intel Core2 Duo E7500	1596 MHz 8.163
4x AMD Phenom X4 Quad-Core GP-9500	2200 MHz 19.051
Mobile AMD Athlon XP-M 3000+	799 MHz 52.785
mobile AMD Athlon XP 2600+	1662 MHz 18.239
2x Intel T2400	1000 MHz 27.153
2x AMD Turion Dual-Core ZM-80	500 MHz 15.764
4x 06/17	3600 MHz 10.732
2x AMD Opteron 244	1792 MHz 24.788

2x AMD Athlon X2 Dual Core LS-5810	2210 MHz 19.910
Intel Celeron 2.60GHz	2600 MHz 11.898
2x AMD Athlon 64 X2 Dual-Core TK-55	800 MHz 20.791
8x Intel Core i7 860	1200 MHz 0.823
AMD Sempron SI-40	2000 MHz 13.468
AMD Athlon XP 3000+	2158 MHz 12.672
4x AMD Phenom II X4 920	2812 MHz 9.489
AMD Athlon XP 1800+	1533 MHz 17.547

FPU FFT

FPU FFT

This Machine	3600 MHz 1,000
Intel Pentium 4 2.60GHz	2600 MHz 11.299
2x AMD model unknown	3006 MHz 6.023
Intel Pentium M 1.80GHz	600 MHz 9.092
2x Intel Core2 Extreme X9100	3059 MHz 6.681
2x AMD Athlon 64 X2 Dual-Core TK-57	1900 MHz 10.136
Mobile AMD Athlon XP 2400+	1260 MHz 30.398
Intel 800MHz	798 MHz 22.210
2x AMD Turion 64 X2 Mobile TL-52	1600 MHz 11.688
2x AMD Turion 64 X2	800 MHz 10.950
Intel Pentium 4 2.53GHz	2525 MHz 11.318
Intel Celeron 450	2195 MHz 8.509
AMD-K7	499 MHz 128.090
Mobile AMD Sempron	800 MHz 16.943
2x Intel Core2 6400	2128 MHz 4.007
Intel Celeron 1.80GHz	1804 MHz 15.934
2x Pentium Dual-Core E5300	1200 MHz 3.320
AMD Turion 64 X2 Mobile TL-50	1604 MHz 19.906
2x Intel Core2 Duo T7800	2600 MHz 3.209
AMD Sempron 2200+	1512 MHz 27.473
4x Intel Xeon X3450	1200 MHz 3.876
4x AMD Opteron 280	1800 MHz 3.672
AMD Geode	1394 MHz 31.015
Intel 585	2161 MHz 14.782
4x Intel Core2 Quad Q8300	2497 MHz 1.718
2x AMD Turion 64 X2 Mobile TL-50	800 MHz 11.395
2x Intel Celeron E1500	1200 MHz 4.440
2x Intel Core Duo T2300	1000 MHz 5.294
2x AMD Turion 64 X2 TL-64	2200 MHz 8.100
2x Intel Core2 6300	1596 MHz 4.374
AMD Athlon XP 1600+	1398 MHz 27.718

2x Intel Core2 Duo T7100	1801 MHz 4.821
mobile AMD Athlon XP 2600+	1662 MHz 21.545
3x AMD Phenom II X3 705e	800 MHz 1.761
4x AMD Phenom 9550 Quad-Core	1100 MHz 2.280
2x Intel Core2 Duo L7800	800 MHz 4.386
Intel Pentium M 1.86GHz	1867 MHz 14.733
Intel Core i5 750	2516 MHz 5.338
4x AMD Phenom X4 Quad-Core GP-9500	2200 MHz 4.112
2x Intel Core2 4400	1200 MHz 4.161
2x Intel Pentium D 3.40GHz	2400 MHz 6.071
AMD Sempron 3300+	2001 MHz 17.392
Intel Celeron D 220	1197 MHz 18.565
4x Intel Xeon X3210	2133 MHz 1.852
AMD Athlon	1210 MHz 42.395
mobile AMD Athlon XP-M 2800+	663 MHz 22.817
Intel Celeron M 420	1599 MHz 15.220
Mobile AMD Sempron 3200+	1596 MHz 19.471
3x AMD Phenom II X4 B50	800 MHz 1.300
2x Intel T2250	1729 MHz 5.079
AMD Athlon XP 2600+	2088 MHz 18.330

FPU Raytracing

FPU Raytracing

This Machine	3600 MHz 1,000
Intel Celeron M 1.50GHz	1500 MHz 33.879
8x Intel Xeon E5310	1600 MHz 31.271
PowerPC POWER5 (gr) (1654.34MHz)	1654 MHz 26.752
AMD Sempron 3000+	2005 MHz 28.233
2x AMD Athlon X2 Dual Core BE-2300	1899 MHz 17.121
2x Intel Pentium DualT3400	2166 MHz 12.821
Mobile Intel Pentium 4 2.40GHz	1599 MHz 29.524
Intel Celeron M 1.60GHz	1596 MHz 33.210
2x AMD Athlon X2 Dual Core LS-5810	2210 MHz 15.285
mobile AMD Athlon XP2500+	530 MHz 26.962
2x Intel Core2 Duo E6550	2700 MHz 12.440
4x AMD Phenom II X4 B50	3100 MHz 12.455
2x AMD Athlon X2 Dual-Core QL-64	1050 MHz 16.916
8x Intel Core i7 940	1600 MHz 3.426
4x AMD Phenom II X4 20	3654 MHz 10.880
AMD Phenom II X4 B50	800 MHz 6.418
AMD-K6 3D	501 MHz 125.521
Intel 575	1995 MHz 24.584

8x Intel Xeon E5410	2000 MHz 32.999
2x Intel Atom Z530	1067 MHz 35.930
VIA Nano U2250 (1.6GHz Capable)	1596 MHz 25.321
AMD Athlon XP 1800+	1533 MHz 31.855
2x Intel Core2 Duo T5870	800 MHz 22.478
AMD Turion 64 Mobile MT-32	800 MHz 29.180
AMD Sempron 2400+	1667 MHz 30.893
3x AMD Phenom II X4 B25	800 MHz 12.341
Mobile Intel Celeron 2.20GHz	2191 MHz 33.825
2x Intel Xeon 3065	3500 MHz 8.399
4x AMD Phenom 9950 Quad-Core	2913 MHz 14.431
3x AMD Phenom II X4 B50	800 MHz 11.250
AMD Athlon 64 3800+	1000 MHz 23.639
VIA C7-M 1600MHz	1596 MHz 165.097
2x Intel Core2 Duo T6500	1200 MHz 11.384
Intel Celeron 1133MHz	1133 MHz 41.017
4x AMD Phenom 9500 Quad-Core	1100 MHz 17.343
Intel Pentium 4 3.20GHz	3218 MHz 23.164
4x AMD Phenom 9350e Quad-Core	2000 MHz 15.603
AMD Athlon 64 FX-55	1200 MHz 18.439
Intel Core2 Duo E6750	2656 MHz 16.722
4x Intel Xeon E5430	2660 MHz 22.994
2x Pentium Dual-CoreE5400	1200 MHz 18.557
AMD Duron	1000 MHz 45.661
2x Intel Core2 Duo T9600	800 MHz 6.191
Intel Celeron 450	2195 MHz 15.752
AMD Sempron LE-1300	2300 MHz 22.324
8x Intel Core i7 860	1200 MHz 7.163
2x AMD Athlon 64 X2 Dual Core 6000+	3051 MHz 10.209
8x Intel Xeon E5405	2000 MHz 28.926
2x Intel Celeron E1500	1200 MHz 21.120
2x AMD Turion II Ultra Dual-Core Mobile M640	800 MHz 11.609

GPU Drawing

GPU Drawing

This Machine	3600 MHz 10840,452
2x Intel Pentium DualT2370	1733 MHz 1416.968
2x Intel Core2 Duo T8100	2101 MHz 3720.807
AMD Athlon XP-M	2200 MHz 942.550
8x Intel Core i7 920	1600 MHz 11349.235
PowerPC Cell Broadband Engine, altivec supported (3192.00MHz)	3192 MHz 931.221
Intel Core2 T7400	2162 MHz 1875.963

2x Intel Core2 Duo P8600	2400 MHz 9487.310
4x Intel Core2 Quad Q6600	3213 MHz 12775.743
4x Intel Atom 330	1596 MHz 1485.357
2x Intel Core2 T7400	1000 MHz 467.407