

localMachineOutputSequential

Dimensions	Baseline(sec)	-O2(sec)	-O3(sec)	-O2Speedup	-O3Speedup
1 * 1 matrix	0.000000191	0.000000127	0.000000093	1.50393701	2.05376344
1 * 8 matrix	0.000000244	0.000000151	0.000000147	1.61589404	1.65986395
1 * 64 matrix	0.000000402	0.000000202	0.00000002	1.99009901	2.01
1 * 512 matrix	0.000001583	0.000000504	0.000000462	3.14087302	3.42640693
1 * 4096 matrix	0.000014897	0.000006164	0.000006328	2.41677482	2.35414033
8 * 1 matrix	0.000000236	0.000000178	0.000000165	1.3258427	1.43030303
8 * 8 matrix	0.000000442	0.000000202	0.00000018	2.18811881	2.45555556
8 * 64 matrix	0.000001727	0.000000581	0.000000545	2.97246127	3.16880734
8 * 512 matrix	0.000015141	0.00000727	0.000006675	2.0826685	2.26831461
8 * 4096 matrix	0.000130572	0.000069653	0.000063066	1.87460698	2.07040244
64 * 1 matrix	0.000000039	0.000000273	0.000000255	1.42857143	1.52941176
64 * 8 matrix	0.000001864	0.000000577	0.000000584	3.2305026	3.19178082
64 * 64 matrix	0.000015688	0.000007076	0.000006728	2.21707179	2.33174792
64 * 512 matrix	0.000203012	0.000102343	0.000102238	1.98364324	1.98568047
64 * 4096 matrix	0.0102082	0.00844887	0.00120847	1.20823258	8.44721011
512 * 1 matrix	0.000002063	0.000000956	0.000001003	2.15794979	2.05682951
512 * 8 matrix	0.000015628	0.000006613	0.000006877	2.36322395	2.27250254
512 * 64 matrix	0.000283895	0.000134485	0.000132325	2.11097892	2.14543737
512 * 512 matrix	0.0126131	0.00630137	0.00206934	2.00164409	6.09522843
512 * 4096 matrix	0.0829784	0.0535304	0.0530735	1.55011732	1.56346199
4096 * 1 matrix	0.000018354	0.0000098	0.000009429	1.87285714	1.94654788
4096 * 8 matrix	0.000128851	0.000069019	0.000068816	1.86689173	1.87239886
4096 * 64 matrix	0.00734647	0.00131992	0.00133604	5.5658449	5.49869016
4096 * 512 matrix	0.0778001	0.0848965	0.0701794	0.91641116	1.10858885
4096 * 4096 matrix	0.38869	0.385565	0.34848	1.00810499	1.11538682
1 * 1 matrix	0.000000178	0.000000122	0.000000148	1.45901639	1.2027027
1 * 7 matrix	0.000000023	0.000000221	0.000000153	1.04072398	1.50326797
1 * 49 matrix	0.000000346	0.000000569	0.000000217	0.60808436	1.59447005
1 * 343 matrix	0.000001078	0.000000376	0.000000392	2.86702128	2.75
1 * 2401 matrix	0.000007555	0.000002535	0.00000251	2.98027613	3.00996016
7 * 1 matrix	0.000000255	0.000000181	0.000000138	1.40883978	1.84782609
7 * 7 matrix	0.000000322	0.000000188	0.000000184	1.71276596	1.75
7 * 49 matrix	0.000001208	0.000000423	0.000000461	2.85579196	2.62039046
7 * 343 matrix	0.00000785	0.000035124	0.000002649	0.22349391	2.96338241
7 * 2401 matrix	0.0000631	0.000030296	0.000030178	2.08278321	2.09092717
49 * 1 matrix	0.00000035	0.000000216	0.000000213	1.62037037	1.64319249
49 * 7 matrix	0.00000133	0.000000444	0.000000738	2.9954955	1.80216802
49 * 49 matrix	0.000008162	0.000002969	0.000002987	2.74907376	2.73250753
49 * 343 matrix	0.000073563	0.000052336	0.000092179	1.4055908	0.79804511
49 * 2401 matrix	0.00801238	0.000441864	0.000446272	18.133136	17.954028
343 * 1 matrix	0.000001483	0.000000691	0.00000063	2.14616498	2.35396825
343 * 7 matrix	0.000008122	0.000003622	0.000002967	2.24240751	2.73744523
343 * 49 matrix	0.000063357	0.000035011	0.000029169	1.80963126	2.17206623
343 * 343 matrix	0.00453218	0.000285423	0.00028708	15.8788185	15.7871673
343 * 2401 matrix	0.0128708	0.00804661	0.0123697	1.59953073	1.04051028
2401 * 1 matrix	0.000011315	0.000004579	0.000004579	2.47106355	2.47106355
2401 * 7 matrix	0.000062695	0.000025484	0.000026651	2.46017109	2.35244456
2401 * 49 matrix	0.000530682	0.000274962	0.000221895	1.93001942	2.39159062
2401 * 343 matrix	0.0118983	0.00622873	0.00624408	1.91022889	1.90553292
2401 * 2401 matrix	0.14556	0.141745	0.183382	1.02691453	0.79375293

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-O2to-O3Speedup

1.365591398
1.027210884
1.01
1.090909091
0.974083439
1.078787879
1.122222222
1.066055046
1.089138577
1.104446136
1.070588235
0.988013699
1.051724138
1.001027015
6.991377527
0.953140578
0.961611168
1.016323446
3.045111002
1.008608816
1.039346696
1.002949895
0.987934493
1.209706837
1.106419307
0.824324324
1.444444444
2.622119816
0.959183673
1.009960159
1.311594203
1.02173913
0.917570499
13.25934315
1.003910133
1.014084507
0.601626016
0.993973887
0.567764892
0.990122616
1.096825397
1.220761712
1.20028112
0.99422809
0.650509713
1
0.956211774
1.239153654
0.997541671
0.772949363