

outputSequential

Dimensions	Baseline(sec)	-O2(sec)	-O3(sec)	-O2Speedup	-O3Speedup
1 * 1 matrix	0.000000828	0.000000562	0.000000658	1.47330961	1.25835866
1 * 8 matrix	0.000000839	0.000000689	0.000000668	1.21770682	1.25598802
1 * 64 matrix	0.000001213	0.000000789	0.000000795	1.5373891	1.52578616
1 * 512 matrix	0.000004274	0.000001543	0.000001507	2.76992871	2.83609821
1 * 4096 matrix	0.000037786	0.000019736	0.000017144	1.91457236	2.2040364
1 * 32768 matrix	0.000313868	0.00013332	0.000138937	2.35424542	2.25906706
8 * 1 matrix	0.000000926	0.000000692	0.000000671	1.33815029	1.38002981
8 * 8 matrix	0.000001287	0.000000872	0.000000749	1.47591743	1.71829105
8 * 64 matrix	0.000004641	0.000001988	0.000001761	2.33450704	2.63543441
8 * 512 matrix	0.000041762	0.000017705	0.000017685	2.35876871	2.36143625
8 * 4096 matrix	0.000424214	0.000169094	0.00016873	2.50874661	2.51415872
8 * 32768 matrix	0.00363466	0.00155212	0.000962748	2.34173904	3.77529738
64 * 1 matrix	0.000000971	0.000000599	0.000000574	1.62103506	1.69163763
64 * 8 matrix	0.000003864	0.000001526	0.000001541	2.53211009	2.50746269
64 * 64 matrix	0.000040612	0.000019081	0.000019352	2.12839998	2.09859446
64 * 512 matrix	0.000649618	0.000259588	0.000261782	2.50249626	2.48152279
64 * 4096 matrix	0.0105454	0.00195236	0.00187093	5.4013604	5.63644818
64 * 32768 matrix	0.0522545	0.0103919	0.010397	5.02838749	5.02592094
512 * 1 matrix	0.000002621	0.000001278	0.000001293	2.05086072	2.02706883
512 * 8 matrix	0.00005185	0.000014704	0.000014677	3.52625136	3.5327383
512 * 64 matrix	0.000646678	0.00038289	0.000401084	1.68893938	1.6123256
512 * 512 matrix	0.00839178	0.00189054	0.00189368	4.438827	4.43146677
512 * 4096 matrix	0.0473681	0.0121841	0.0121101	3.8876979	3.91145408
512 * 32768 matrix	1.45745	0.209028	0.208375	6.97251086	6.99436113
4096 * 1 matrix	0.000020749	0.000008963	0.000009008	2.31496151	2.30339698
4096 * 8 matrix	0.000119802	0.000060235	0.000096494	1.9889101	1.2415487
4096 * 64 matrix	0.00743957	0.00197769	0.00206611	3.76174729	3.60076182
4096 * 512 matrix	0.0388749	0.00917095	0.00914214	4.23891745	4.25227573
4096 * 4096 matrix	1.64027	0.223997	0.226328	7.322732	7.24731363
4096 * 32768 matrix	13.7274	1.82358	1.80467	7.5277202	7.60659844
32768 * 1 matrix	0.000155535	0.000073938	0.000072574	2.10358679	2.14312288
32768 * 8 matrix	0.00148739	0.000494376	0.00049587	3.00862097	2.99955634
32768 * 64 matrix	0.0336736	0.00887458	0.00889994	3.79438802	3.78357607
32768 * 512 matrix	1.58111	0.251002	0.250002	6.29919284	6.3243894
32768 * 4096 matrix	12.9638	2.02109	2.02508	6.41426161	6.40162364
32768 * 32768 matrix	104.747	16.1582	TIMED OUT	6.48259088	TIMED OUT

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-O2to-O3Speedup
1.170818505
0.969521045
1.007604563
0.976668827
0.868666396
1.042131713
0.969653179
0.858944954
0.885814889
0.998870376
0.997847351
0.62027936
0.958263773
1.00982962
1.01420261
1.008451854
0.958291504
1.000490767
1.011737089
0.998163765
1.047517564
1.001660901
0.993926511
0.996876017
1.00502064
1.601958994
1.044708726
0.996858559
1.010406389
0.989630288
0.981552111
1.003021991
1.0028576
0.996015968
1.001974182

TIMED OUT