

localMachineOutputSequential

Dimensions	Baseline(sec)	-O2(sec)	-O3(sec)	-O2Speedup	-O3Speedup
1 * 1 matrix	0.000000195	0.000000151	0.000000162	1.29139073	1.2037037
1 * 8 matrix	0.000000164	0.000000135	0.000000158	1.21481481	1.03797468
1 * 64 matrix	0.000000357	0.000000171	0.000000202	2.0877193	1.76732673
1 * 512 matrix	0.000001708	0.000000629	0.000000698	2.7154213	2.4469914
1 * 4096 matrix	0.000012646	0.000004823	0.000004224	2.62201949	2.9938447
8 * 1 matrix	0.000000218	0.000000146	0.000000173	1.49315068	1.26011561
8 * 8 matrix	0.000000375	0.000000188	0.000000244	1.99468085	1.53688525
8 * 64 matrix	0.000001759	0.000000621	0.000000681	2.83252818	2.58296623
8 * 512 matrix	0.000012736	0.00000421	0.000004219	3.02517815	3.01872482
8 * 4096 matrix	0.000100087	0.000033013	0.000032986	3.03174507	3.03422664
64 * 1 matrix	0.000000619	0.000000232	0.000000265	2.66810345	2.33584906
64 * 8 matrix	0.000001812	0.000000654	0.000000636	2.7706422	2.8490566
64 * 64 matrix	0.000013239	0.000004042	0.000004092	3.27535873	3.23533724
64 * 512 matrix	0.000100502	0.000032476	0.000032533	3.09465451	3.08923247
64 * 4096 matrix	0.000898658	0.000296288	0.000301067	3.03305568	2.98491034
512 * 1 matrix	0.000003089	0.000000911	0.000000907	3.39077936	3.40573319
512 * 8 matrix	0.000012883	0.000004545	0.000004572	2.83454345	2.81780402
512 * 64 matrix	0.000104562	0.000031519	0.000049554	3.31742758	2.11006175
512 * 512 matrix	0.000864852	0.000259658	0.000330221	3.33073504	2.61900969
512 * 4096 matrix	0.0148244	0.00642998	0.00362035	2.30551261	4.09474222
4096 * 1 matrix	0.000024058	0.000011761	0.000011	2.04557436	2.18709091
4096 * 8 matrix	0.000118223	0.000039239	0.000039528	3.01289533	2.99086723
4096 * 64 matrix	0.000918909	0.00513843	0.000299736	0.17883069	3.06572784
4096 * 512 matrix	0.0149698	0.00869649	0.0141006	1.72136115	1.06164277
4096 * 4096 matrix	0.0597721	0.0209414	0.0200355	2.85425521	2.98330963
1 * 1 matrix	0.000000216	0.000000149	0.000000149	1.44966443	1.44966443
1 * 7 matrix	0.000000219	0.000000147	0.00000017	1.48979592	1.28823529
1 * 49 matrix	0.000000348	0.000000206	0.000000211	1.68932039	1.6492891
1 * 343 matrix	0.000001198	0.000000445	0.000000437	2.69213483	2.74141876
1 * 2401 matrix	0.000007477	0.000002528	0.000002509	2.95767405	2.98007174
7 * 1 matrix	0.000000241	0.000000132	0.000000138	1.82575758	1.74637681
7 * 7 matrix	0.000000318	0.000000207	0.00000019	1.53623188	1.67368421
7 * 49 matrix	0.000001266	0.000000437	0.000000426	2.89702517	2.97183099
7 * 343 matrix	0.000007532	0.000002514	0.000002511	2.99602228	2.99960175
7 * 2401 matrix	0.000057346	0.000018873	0.000016974	3.03852064	3.37846118
49 * 1 matrix	0.000000445	0.000000253	0.000000223	1.75889328	1.9955157
49 * 7 matrix	0.000001248	0.000000546	0.000000519	2.28571429	2.40462428
49 * 49 matrix	0.00000853	0.000002566	0.000002541	3.32424006	3.35694608
49 * 343 matrix	0.000051722	0.000016602	0.000027008	3.11540778	1.9150622
49 * 2401 matrix	0.000391845	0.000127151	0.000132024	3.0817296	2.96798309
343 * 1 matrix	0.000002129	0.000000707	0.000000678	3.01131542	3.14011799
343 * 7 matrix	0.000007764	0.000002766	0.000002743	2.80694143	2.83047758
343 * 49 matrix	0.000054464	0.000017432	0.000019358	3.12436898	2.81351379
343 * 343 matrix	0.000412088	0.000151559	0.000115608	2.71899392	3.56452841
343 * 2401 matrix	0.00768506	0.00655124	0.000918366	1.17306953	8.36818872
2401 * 1 matrix	0.000013345	0.000004597	0.000005384	2.9029802	2.47864042
2401 * 7 matrix	0.000053632	0.000019534	0.000019455	2.74557182	2.75672064
2401 * 49 matrix	0.000413864	0.000125501	0.00013141	3.29769484	3.14941024
2401 * 343 matrix	0.00273405	0.00397237	0.00445854	0.6882667	0.61321643
2401 * 2401 matrix	0.0251947	0.00649381	0.00695764	3.87980246	3.62115602

localMachineOutputSequential

-O2to-O3Speedup

0.932098765
0.85443038
0.846534653
0.901146132
1.141808712
0.843930636
0.770491803
0.911894273
0.997866793
1.000818529
0.875471698
1.028301887
0.987781036
0.998247933
0.984126457
1.004410143
0.994094488
0.636053598
0.786315831
1.77606585
1.069181818
0.992688727
17.143186
0.616746096
1.045214744
1
0.864705882
0.976303318
1.018306636
1.007572738
0.956521739
1.089473684
1.025821596
1.001194743
1.111876988
1.134529148
1.052023121
1.009838646
0.614706754
0.963090044
1.042772861
1.00838498
0.900506251
1.310973289
7.133582907
0.853826152
1.004060653
0.955033863
0.890957578
0.933335154