

Clients	Threads	Duration	Kernel Implementation		Userland implementation	
1	1	10	4466.768069	4468.713854	4170,758855	4221,151436
1	1	20	4360.930921	4362.060031	4419,97921	4445,464102
1	1	30	4445.326882	4446.089910	4419,976804	4437,387665
1	1	40	4433.456375	4433.987352	4410,389584	4423,478693
1	1	50	4405.753433	4406.285570	4405,910523	4416,070477
1	1	60	4341.994347	4342.348784	4415,285024	4423,839095
1	1	100	4372.870635	4373.110800	4433,624175	4438,966567
1	1	200	4389.156771	4389.284519	4404,339588	4406,924216
1	1	300	4396.357273	4396.434810	4358,315317	4360,015094
1	1	400	4405.342235	4405.398745	4397,533573	4398,814535
1	1	500	4371.660001	4371.703473	4403,841744	4404,8626
2	1	10	8808.303518	8816.167152	8525,092244	8729,460747
2	1	20	8554.788578	8559.191511	8521,258083	8621,869911
2	1	30	8836.792154	8839.536506	8718,048048	8786,667006
2	1	40	8798.239467	8800.371132	8591,60463	8641,648592
2	1	50	8814.586250	8816.235616	8723,441454	8763,969861
2	1	60	8853.439948	8854.842682	8643,809012	8677,458528
2	1	100	8849.682650	8850.575548	8772,536309	8793,131161
2	1	200	8762.486734	8762.883325	8659,223417	8669,525254
2	1	300	8797.174112	8797.461551	8703,655626	8710,340394
2	1	400	8741.569232	8741.779229	8726,417606	8731,589464
2	1	500	8734.068394	8734.243373	8750,846879	8754,878078
3	1	10	13024.799282	13042.918748	12579,60187	13037,43506
3	1	20	13033.686252	13043.481523	12294,37965	12733,43197
3	1	30	13225.412529	13231.749102	12921,53074	13077,45132
3	1	40	12871.875207	12876.630739	13110,90905	13226,29147
3	1	50	12547.856150	12551.656255	12646,51565	12736,60464
3	1	60	13095.795698	13098.817298	12891,32176	12967,35746
3	1	100	13158.773510	13160.633149	13113,07789	13159,18725
3	1	200	12948.485933	12949.396102	13249,60842	13272,71467
3	1	300	13098.180329	13098.813991	13265,40332	13280,94861
3	1	400	12801.338987	12801.803205	13208,65555	13220,27957
3	1	500	13030.361128	13030.734872	13123,11706	13132,28817
4	1	10	16037.636234	16069.003671	15633,72262	16406,44436
4	1	20	16261.982177	16277.737683	15866,01829	16244,33773
4	1	30	16472.960974	16483.560098	16181,19785	16437,45369
4	1	40	16357.302768	16365.236445	16449,89222	16644,90603
4	1	50	16442.619320	16448.988503	16488,16579	16643,36304
4	1	60	16372.592286	16377.796893	16398,60878	16528,28026
4	1	100	16324.413664	16327.588945	16191,64094	16268,33802
4	1	200	16268.267279	16269.850646	16367,42237	16405,79203
4	1	300	16105.548562	16106.589238	16514,17814	16540,10313
4	1	400	16254.489274	16255.289219	16544,8618	16564,21191
4	1	500	16302.853675	16303.488975	16399,79396	16415,357

6	6	10	19844.018155	19880.777373	18148,64586	19353,17091
6	6	20	19424.798237	19438.119845	18690,44346	19255,84779
6	6	30	19446.526924	19454.304462	18820,04073	19228,15711
6	6	40	19599.955703	19607.335494	18951,91629	19244,3052
6	6	50	19539.022865	19544.107153	19186,46273	19419,78811
6	6	60	19261.630365	19265.586704	19223,31945	19420,96035
6	6	100	19400.377512	19403.323411	19280,38689	19402,95315
6	6	200	19293.741647	19295.124347	19324,95404	19389,10022
6	6	300	19255.892554	19257.439584	19368,18156	19407,72527
6	6	400	19350.268316	19351.023356	19343,12375	19375,12424
6	6	500	19315.248292	19315.742428	19348,97766	19374,13806
12	6	10	19093.785687	19185.017556	17074,32977	19425,74892
12	6	20	19147.129920	19175.212872	18000,72783	19133,13783
12	6	30	18964.322720	18981.238867	18540,07791	19314,29392
12	6	40	19059.136726	19073.443176	18645,09574	19226,08289
12	6	50	19182.882101	19198.602241	18702,51509	19189,01618
12	6	60	19126.844530	19136.461044	18826,09951	19216,20221
12	6	100	19111.497587	19122.102185	18926,73381	19164,10787
12	6	200	19132.792135	19137.360300	18970,40436	19086,38048
12	6	300	19143.626192	19145.768288	19066,73705	19144,23846
12	6	400	19137.209570	19138.340244	19127,11804	19185,35409
12	6	500	19158.751378	19159.925769	19007,26429	19055,06261
18	6	10	19100.729923	19255.532013	15205,74009	18608,93561
18	6	20	19275.943057	19323.074445	17019,93018	18789,10108
18	6	30	18754.170334	18789.512248	17705,5864	18824,79349
18	6	40	18766.809526	18798.883990	17975,22481	18821,26753
18	6	50	18736.922965	18757.080827	18044,5482	18706,76514
18	6	60	18794.099529	18811.039148	18299,15834	18886,18858
18	6	100	18755.234675	18764.140514	18295,90809	18678,26831
18	6	200	18814.326499	18820.793990	18662,92704	18835,06499
18	6	300	18731.377153	18734.487843	18644,37543	18768,65048
18	6	400	18805.741115	18808.973776	18297,5594	18779,55723
18	6	500	18757.770855	18760.761472	18299,3169	18553,44923
24	6	10	18601.186331	18782.402233	13906,59963	18709,79737
24	6	20	18740.999642	18806.297880	16772,94814	19174,48963
24	6	30	18670.750603	18727.778875	17338,03923	18907,24697
24	6	40	18543.924630	18595.243731	17689,58823	18883,6276
24	6	50	18976.349129	19012.332141	17842,86635	18752,41169
24	6	60	18875.224633	18908.610801	18141,08654	18919,78431
24	6	100	18848.675800	18867.963227	18345,65317	18818,99924
24	6	200	18927.035192	18936.200712	18509,03282	18741,22824
24	6	300	18823.852848	18831.524883	18660,19263	18811,29319
24	6	400	18830.696874	18836.486668	18538,24802	18651,29358
24	6	500	18815.205652	18818.198719	18776,15962	18873,18527

10	10	10	15672.716802	15701.716410	17558,57514	19602,21059
10	10	20	19583.838496	19629.531912	19031,40842	20038,85806
10	10	30	19628.928628	19649.083939	19531,63079	20211,8432
10	10	40	19706.451163	19717.446826	19307,89854	19793,29978
10	10	50	19640.134878	19648.094071	19662,02711	20096,62324
10	10	60	19693.798082	19701.183297	19664,45546	19995,48985
10	10	100	19663.727868	19671.274321	19706,24987	19903,82187
10	10	200	19676.178957	19680.398809	19885,56563	19980,53533
10	10	300	19620.928791	19622.587671	19889,55172	19955,02255
10	10	400	19663.077359	19664.087787	19998,28526	20046,5356
10	10	500	19706.205677	19707.458396	19937,7802	19976,85014
20	10	10	19202.126809	19311.923368	14554,92462	18329,66699
20	10	20	19193.003767	19258.848937	17131,38672	19009,33759
20	10	30	19182.982186	19237.304905	17881,29556	19172,01185
20	10	40	19021.285226	19054.129307	18197,34834	19140,5287
20	10	50	19083.483464	19110.475352	18094,70844	18869,77897
20	10	60	19039.120122	19061.927367	18479,61175	19130,35577
20	10	100	19130.580298	19147.571615	18673,50878	19078,73544
20	10	200	18982.056202	18989.717234	18889,77382	19076,80182
20	10	300	19073.381892	19077.359303	18927,84392	19057,54314
20	10	400	19046.393335	19049.454037	18914,7393	19010,67487
20	10	500	18979.930448	18983.506503	18899,91292	18973,00098
30	10	10	18462.050335	18683.271169	13083,28514	19039,79258
30	10	20	18796.703884	18901.254148	15911,49836	18730,012
30	10	30	18516.085024	18622.900589	16929,16566	18811,52286
30	10	40	18781.725305	18860.743551	17537,64474	19007,5484
30	10	50	18702.215535	18758.463761	17689,80829	18873,93548
30	10	60	18767.184447	18812.588030	18008,0208	19031,03846
30	10	100	18796.880742	18820.884798	18199,39999	18764,04485
30	10	200	18494.713641	18512.404994	18423,62144	18714,86543
30	10	300	17134.025351	17152.087205	18593,38444	18799,00427
30	10	400	18006.851390	18019.153167	18725,31678	18875,58244
30	10	500	18774.257154	18779.752608	18807,75465	18922,58111
40	10	10	18490.268629	18881.624033	10729,50669	19226,2131
40	10	20	18774.078387	18992.688154	15429,67324	19335,69107
40	10	30	18998.109644	19113.332782	16661,71552	19341,96902
40	10	40	18554.642664	18623.341877	17067,12988	19096,76211
40	10	50	19040.025278	19147.500084	17494,23217	19091,42207
40	10	60	18989.615830	19059.612509	17675,75683	19011,88452
40	10	100	19066.880146	19107.023867	18284,23681	19047,31222
40	10	200	18945.025144	18974.125710	18641,24183	19038,13878
40	10	300	18874.203355	18888.739999	18822,62615	19091,73005
40	10	400	19021.735273	19029.418460	18881,18179	19079,76968
40	10	500	19045.166023	19051.795631	18934,05988	19092,50231
20	20	10	20121.101329	20281.950501	16510,40858	19970,37964

20	20	20	20458.805800	20527.654357	18425,9951	20459,92488
20	20	30	20291.202674	20350.259585	18977,51515	20289,17587
20	20	40	20040.213288	20065.853066	19553,23782	20510,05558
20	20	50	20329.251064	20361.407138	19761,34479	20555,9635
20	20	60	20222.230679	20240.935418	19824,38935	20463,58562
20	20	100	20195.077976	20206.645032	19970,40322	20377,61041
20	20	200	20221.722870	20229.669861	20085,21384	20277,264
20	20	300	20164.591163	20169.674288	20204,4795	20340,78507
20	20	400	20122.483500	20125.476496	20231,36381	20331,03227
20	20	500	20228.623711	20232.139230	20327,82373	20403,76245
40	20	10	19419.806765	19700.969832	12035,78354	19872,981
40	20	20	19624.249946	19794.241409	15493,0422	19581,3905
40	20	30	19453.009488	19715.851927	16584,62215	19235,70482
40	20	40	19176.842945	19282.635882	17484,75377	19367,47404
40	20	50	19293.128453	19406.021307	18086,67534	19742,43428
40	20	60	19451.767047	19510.064708	18109,77493	19433,49183
40	20	100	19423.478782	19485.976049	18747,59855	19569,48136
40	20	200	19325.259988	19340.664681	19135,89385	19528,96172
40	20	300	19291.320979	19308.452282	19239,50402	19498,0027
40	20	400	19436.372946	19443.901202	19377,00227	19580,9517
40	20	500	19337.612030	19344.859847	19392,92774	19553,42294
60	20	10	18635.938626	19545.414215	8071,926322	20360,56345
60	20	20	19265.764258	19766.842477	13743,63599	20157,9315
60	20	30	19563.410825	19872.647821	15659,57652	19869,13579
60	20	40	19444.506928	19587.734545	16561,48697	19636,43457
60	20	50	19452.785312	19566.679635	16957,80631	19441,91479
60	20	60	19382.894473	19522.620398	17704,33104	19805,02524
60	20	100	19419.191887	19500.419705	18587,33034	19816,2426
60	20	200	19585.013079	19623.680338	19185,43832	19806,73088
60	20	300	19563.942354	19597.792528	19301,99644	19718,95347
60	20	400	19625.332729	19642.021756	19381,49386	19690,59958
60	20	500	19566.448444	19587.006264	19504,46008	19760,33498
80	20	20	18781.497981	20043.624710	11641,50599	20233,39913
80	20	30	19278.129969	19936.867774	14169,21125	19869,90414
80	20	40	19454.152041	19794.308281	15542,50809	19849,29549
80	20	50	19329.704334	19747.660514	16524,89906	19948,46706
80	20	60	19348.569539	19763.007983	17089,50377	20018,56489
80	20	100	19566.760929	19764.709453	18159,75011	19818,63467
80	20	200	19493.237521	19598.022939	18899,65271	19741,37889
80	20	300	19499.074494	19557.632738	19228,60942	19805,68084
80	20	400	19579.352287	19616.445759	19197,43955	19624,75591
80	20	500	19632.662327	19662.588234	19376,42926	19706,2818