868.11 863.7 aobench 1507.68 1416.64 1370.45 1386.56 apache 779.65 790.02 2432.91 777.87 2403.61 788.11 blake2s 2435.03 2431.87 blogbench_read 2326.43 2314.65 2285.5 2300.36 blogbench_write 267.15 251.74 256.08 248.41 bork 435.47 401.44 434.66 401.51 437.54 433.17 botan_AES-256 403.25 botan_Blowfish 399.37 387.28 389.11 388.24 385.49 botan_CAST-256 botan_KASUMI 385.36 382.59 383.65 387.96 421.59 42321.3 16796.5 423.35 40782.2 423.14 40465.5 420.49 botan_Twofish -41616.5 brlcad -17039.2 16898.7 16830 build-gcc 5695.86 73093.3 45569.4 4380.83 5791.14 5729.98 5666.76 build-gdb 73330.9 72572 45302.5 4360.36 81490.8 build-linux-kernel 45488.4 4366.82 45784.6 4403.27 build-llvm build-php 10282.8 10419.2 10352.1 10329 build2 1728.49 1734.43 1730.32 1709.77 byte dhry2 1518.12 1541.73 1530.58 1521.71 byte_float 1531.97 1514.5 1536.79 1525.06 byte int byte_register 1543.09 1531.25 1514.19 1536.75 338.45 9430.24 575.72 338.99 9437.51 340.15 341.04 bzip2 9380.7 9416.89 c-ray 580.11 574.18 578.42 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1867.06 1850.72 1849.67 2084.59 1817.14 2091.39 2076.46 2058.82 1812.58 1804.65 1803.26 puminer-opt myr-gr uminer-opt_sha256t 1884.47 1896.41 1895.7 1885.43 1865.7 1862.03 1854.9 1853.74 cpuminer-opt_skein 556.49 550.48 crafty -6192.51 3523.34 6178.19 3165.46 ctx clock dacapo_eclipse 4168.03 4131.88 4091.11 4119.39 1386.43 1383.97 1370.39 dacapo h2 1367.3 1068.86 2562.09 1070.55 dacapo_jython -1084.82 1079.77 2491.52 2513.22 2433.62 dacapo tradebeans 3445.21 dacapo_tradesoap 3461.56 3446.24 3481.94 arktable benchSRW 1193.2 1193.82 1184.09 1191.66 496.05 495.06 498.7 499.57 ctable_masskrugNEF 400.75 399.24 ble_server_roomNEF imera_10b_1080pivf 399.14 400.81 11522.8 11514.6 11473.8 11461.2 himera_8b_1080pivf 2280.7 2269.17 2262.58 755.64 755.1 752.1 749.67 ner_nature_1080pivf -2941.17 2935.22 2924.21 2918.53 ummer_nature_4kivf -4889.61 4921.57 4904.2 4898.02 dbench_1 dbench_128 5266.53 5279.73 5256.68 5292.43 5919.7 5909.63 5859.44 6146.17 6069.3 dbench_256 6136.9 5680.18 5698.92 5695.46 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-bench_bench-atanh -475.44 476.75 467.13 bc-bench bench-cos [.] 471 722.98 227.09 715.35 716.38 oc-bench_bench-exp -221.18 ibc-bench bench-ffs oc-bench_bench-ffsll 224.97 232.18 231.89 230.09 225.44 c-bench_bench-log2 218 :-bench_bench-modf oench-pthread_once -221.18 470.09 bc-bench_bench-sin 474.9 447.95 435.14 bench_bench-sincos · 448.11 232.59 237.29 c-bench_bench-sinh -242.51 246.39 241.14 232.97 240.2 230.87 oc-bench_bench-sqrt c-bench_bench-tanh 229.08 13273 13173 13199 glmark2_1024x768 13247 60000 glmark2_1920x1080 -glmark2_2560x1440 -glmark2_800x600 -13152 13120 13019 13091 13382 13361 13456 13312 13149 13127 13023 13007 9169.33 9235.15 9208.17 9203.02 gmpbench cs-magick_gaussian -8672.59 1091.69 8627.36 8651 8621.68 1090.15 1086.24 phics-magick_minify 1086.3 2514.64 2504.54 phics-magick_resize 2510.19 2463.95 2042.45 phics-magick_rotate 2043.51 2026.82 18257.6 1715.64 18272.3 1716.89 iics-magičk_sharpen -18242.3 18281 1693.46 1692.64 himeno hint_double -6146.04 6185.72 6136.57 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formance-run_chaos 541.64 540.32 488.32 486.7 ce-run_crypto_pyaes 487.93 740.5 743.65 739.12 737.92 un_django_template rformance-run_float -performance-run_go 496.8 490.02 494.72 493.68 1085.67 1075.56 1074.38 1070.01 ance-run_json_loads 590.2 590.63 589.85 524.37 521.02 524.55 518.65 ormance-run_nbody 756.66 757.28 ormance-run_pathlib 776.37 744.75 _pickle_pure_python 1938.51 1902.06 1923.07 1894 -run_python_startup -2107.98 2097.58 2110.82 2105.94 mance-run_raytrace 887.58 e-run_regex_compile -884.28 4081 3767 gears_-image qgears_-render qgears_COMPO gears_GEARSFANCY 3900 3593 3590 719 391 388 390 3887 3617 3595 3590 2595 2333 2322 2330 qgears_TEXT - 15000 4031.18 4000.34 ramspeed_add_float · 4014.4 3914.99 3920.88 3858.9 3908.62 ramspeed_add_int 4009.98 amspeed_copy_float 4010.85 3918.39 4002.93 3914.82 3896.48 3856.5 ramspeed_copy_int 4029.14 mspeed_scale_float 3996.75 3921.95 3934.62 3909.27 3854.07 ramspeed_scale_int amspeed_traid_float 4020.39 4018.4 4012.68 4000.84 3874.96 3949.04 3917.64 3932.08 3920.16 ramspeed_triad_int rawtherapee -1862.88 1867.04 1878.68 1858.71 rays1bench rbenchmark · 745.95 766.08 348.94 342.32 343.05 338.13 335.76 redis_lpop -332.71 325.62 330.73 340.6 redis Īpush redis_sadd -326.39 333.07 enaissance_akka-uct -459.41 450.3 444.66 renaissance als ssance_db-shootout 352.51 354.01 renaissance dotty 402.16 ance_finagle-chirper -553.31 ssance_naive-bayes aissance_page-ránk 1401.66 842.19 834.91 enaissance reactors rocksdb_fillrandom 976.35 969.26 960.37 rocksdb fillseq ocksdb_readrandom 1240.78 1248.25 2237.7 euler3d_cpu_double -2234.69 rodinia_TavaMD -10251.9 10271 10185 10562 1806.64 1804.64 1802.06 rodinia_sc_omp 1804.22 369.12 360.71 363.62 362.29 rsvg 1026.45 rust-prime 1027.31 1027.02 1029.16 schbench 2 868.01 868.46 860.66 867.8 1099.98 1098.96 1099.43 1099.68 schbench 4 schbench_8 1113.81 1114.44 1113.96 1323.45 scikīt · 1316.6 scimark2 1325.73 1327.68 1335.11 1326.64 smallpt 944.65 sqlitebench 925.24 924.58 stockfish 931.14 921.78 2283.04 stream -1232.93 stress-ng fork 799.82 stress-ng_matrix 1024.72 988.99 636.98 stress-ng_msg -895.91 944.86 888.43 782.63 stress-ng_sem -1468.89 stress-ng_sock -1392.27 1367.62 1204.13 1431.87 1329.48 stress-ng_switch 913.8 914.65 910.38 stress-ng_vecmath 1446.39 497.87 500.04 497.16 502.77 sudokut -1312.46 1306.1 1328.24 sunflow 2192.94 2174.68 2151.62 2163.01 svt-av1 1587.04 svt-hevc 1564.84 4272.83 4251.99 4269.28 4266.64 4266.41 svt-vp9_tune_0 -4259.1 4250.58 4250.4 svt-vp9_tune_1 4260.86 svt-vp9_tune_2 4271.15 296.11 294.35 296.03 swet 1474.1 261.55 sysbench_cpu 1469.12 1464.51 1473.85 sysbench_memory 261.7 228.52 241.23 t-test1 2973.89 3019.41 3025.06 3042.83 tensorflow 5969.45 1597.87 5848.75 1578.84 5175.97 1644.36 tinymembench 5950.71 bench random_read 2620.84 2587.98 pench random write tiobench_read tiobench_write 1638.51 1673.31 1686.07 1678.87 1536.18 1513.35 1470.03 1523 tjbench 560.39 561.16 556.08 554.64 560.27 tscp 2578.96 ttsiod-renderer 3319.77 3292.86 3301.75 3314.02 tungsten_hair 827.18 1224.15 en_non-exponential 1215.57 1218.47 1229.58 n volumetric-caustic gsten_water-caustic e-heaven_1024x768 2134.64 13483 13406 13400 13439 -heaven_1920x1080 --heaven_2560x1440 ne-heaven_800x600 -12751 12745 12716 12704 11000 10959 10920 ne-valley 1024x768 e-valley_1̄920x1080 -19942 20047 20053 19978 32239 32382 32276 32402 e-valley_2560x1440 gine-valley_800x600 10161 10181 10152 10136 1471 2791 1473 2784 1486 1502 2786 $anterrorG_{1024x768}$ $terrorG_{1920x1080}$ -2800 916 917 925 917 nterrorG²⁵⁶⁰x1440 oanterrorG_800x600 -1128 1120 1142 1125 1208.3 1201.78 1194.88 1196.5 vpxenc -732.64 1017.09 x264 733.51 730 734.33 1017.39 44925 1010.4 1018.76 x265 44937 44938 44889 xonotic 1024x768 44873 44904 44916 44911 xonotic 1920x1080 -44939 xonotic²⁵⁶⁰x1440 -44992 44905 44934 45011 44993 44967 44926 xonotic 800x600 3270.78 3249.42 3245.16 3247.85 xsbench -1617.94 1621.28 1628.12 1612.95 ΧZ 388.73 388.32 389.12 388.11 zstd -Spectre MDS Stock Meltdown

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