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10600k okt

Intel Core i5-10600K testing with a ASUS PRIME Z490M-PLUS (1001 BIOS) and ASUS Intel UHD 630 CML GT2 3GB on Ubuntu 20.10 via the Phoronix Test Suite.

Automated Executive Summary

1 had the most wins, coming in first place for 44% of the tests.

Based on the geometric mean of all complete results, the fastest (1) was 1.003x the speed of the slowest (3). 2 was 1x the speed of 1 and 3 was 0.998x the speed of 2.

The results with the greatest spread from best to worst included:

Stress-NG (Test: Memory Copying) at 1.413x

Stress-NG (Test: Atomic) at 1.124x

Cpuminer-Opt (Algorithm: Triple SHA-256, Onecoin) at 1.108x

Stress-NG (Test: CPU Cache) at 1.105x

PostgreSQL pgbench (Scaling Factor: 100 - Clients: 250 - Mode: Read Write - Average Latency) at 1.085x

PostgreSQL pgbench (Scaling Factor: 100 - Clients: 250 - Mode: Read Write) at 1.082x

PostgreSQL pgbench (Scaling Factor: 100 - Clients: 500 - Mode: Read Write) at 1.064x

PostgreSQL pgbench (Scaling Factor: 100 - Clients: 500 - Mode: Read Write - Average Latency) at 1.063x

PostgreSQL pgbench (Scaling Factor: 100 - Clients: 100 - Mode: Read Write) at 1.048x

PostgreSQL pgbench (Scaling Factor: 100 - Clients: 100 - Mode: Read Write - Average Latency) at 1.048x.

Test Systems:

1

2

3

Processor: Intel Core i5-10600K @ 4.80GHz (6 Cores / 12 Threads), Motherboard: ASUS PRIME Z490M-PLUS (1001 BIOS), Chipset: Intel Comet Lake PCH, Memory: 32GB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS Intel UHD 630 CML GT2 3GB (1200MHz), Audio: Realtek ALC887-VD, Monitor: LG Ultra HD, Network: Intel

OS: Ubuntu 20.10, Kernel: 5.11.0-051100rc2daily20210106-generic (x86_64) 20210105, Desktop: GNOME Shell 3.38.1, Display Server: X Server 1.20.9, OpenGL: 4.6 Mesa 20.2.1, OpenCL: OpenCL 2.1, Vulkan: 1.2.145, Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 3840x2160

Kernel Notes: Transparent Huge Pages: madvise

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,objc++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc-auto --enable-offload-targets=nvptx-none=/build/gcc-10-poYruo/gcc-10-10.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-poYruo/gcc-10-10.3.0/debian/tmp-gcn/usr,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v

Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xec - Thermald 2.3

Python Notes: Python 3.8.10

Security Notes: itlb_multihit: KVM: Mitigation of VMX unsupported + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IPB: conditional RSB filling + srbs: Not affected + tsx_async_abort: Not affected

	1	2	3
yquake2 - Vulkan - 1920 x 1080 (FPS)	67.1	67.4	67.4
Normalized	99.55%	100%	100%
Standard Deviation	0.8%		
yquake2 - Vulkan - 2560 x 1440 (FPS)	40.4	40.4	40.4
Normalized	99.55%	100%	100%
Standard Deviation	0%		
yquake2 - Vulkan - 3840 x 2160 (FPS)	18.9	18.9	18.9
Normalized	99.55%	100%	100%
Standard Deviation	0%		
yquake2 - OpenGL 1.x - 1920 x 1080 (FPS)	181.3	182.1	181.7
Normalized	99.56%	100%	99.78%
Standard Deviation	0.1%		
yquake2 - OpenGL 1.x - 2560 x 1440 (FPS)	108.6	108.3	108.8
Normalized	99.82%	99.54%	100%
Standard Deviation	0.1%		
yquake2 - OpenGL 1.x - 3840 x 2160 (FPS)	51.0	51.2	51.1

	Normalized	99.61%	100%	99.8%
	Standard Deviation	0.1%		
yquake2 - OpenGL 3.x - 1920 x 1080 (FPS)	248.6	249.8	250.2	
	Normalized	99.36%	99.84%	100%
	Standard Deviation	0.5%		
yquake2 - OpenGL 3.x - 2560 x 1440 (FPS)	148.1	148.2	148.8	
	Normalized	99.53%	99.6%	100%
	Standard Deviation	0.1%		
yquake2 - OpenGL 3.x - 3840 x 2160 (FPS)	68.8	68.7	68.5	
	Normalized	100%	99.85%	99.56%
	Standard Deviation	0.1%		
yquake2 - Software CPU - 1920 x 1080 (FPS)	138.2	137.7	138.1	
	Normalized	100%	99.64%	99.93%
	Standard Deviation	0.6%		
yquake2 - Software CPU - 2560 x 1440 (FPS)	85.1	85.2	84.4	
	Normalized	99.88%	100%	99.06%
	Standard Deviation	0.3%		
yquake2 - Software CPU - 3840 x 2160 (FPS)	41.6	41.3	41.5	
	Normalized	100%	99.28%	99.76%
	Standard Deviation	0.1%		
GLmark2 - 800 x 600 (Score)	3265	3261	3266	
	Normalized	99.97%	99.85%	100%
GLmark2 - 1024 x 768 (Score)	2211	2215	2205	
	Normalized	99.82%	100%	99.55%
GLmark2 - 1280 x 1024 (Score)	1366	1365	1364	
	Normalized	100%	99.93%	99.85%
GLmark2 - 1600 x 1200 (Score)	938	939	938	
	Normalized	99.89%	100%	99.89%
GLmark2 - 1920 x 1080 (Score)	909	909	911	
	Normalized	99.78%	99.78%	100%
GLmark2 - 1920 x 1200 (Score)	803	802	802	
	Normalized	100%	99.88%	99.88%
GLmark2 - 2560 x 1440 (Score)	506	506	506	
GLmark2 - 3840 x 2160 (Score)	217	216	216	
	Normalized	100%	99.54%	99.54%
LeelaChessZero - BLAS (Nodes/s)	396	412	398	
	Normalized	96.12%	100%	96.6%
	Standard Deviation	0.9%		
LeelaChessZero - Eigen (Nodes/s)	1115	1134	1156	
	Normalized	96.45%	98.1%	100%
	Standard Deviation	2.7%		
simdjson - Kostya (GB/s)	3.04	3.05	3.04	
	Normalized	99.67%	100%	99.67%
	Standard Deviation	0.3%		
simdjson - LargeRand (GB/s)	1.07	1.07	1.07	
	Standard Deviation	0%		
simdjson - PartialTweets (GB/s)	4.68	4.68	4.69	
	Normalized	99.79%	99.79%	100%
	Standard Deviation	0.1%		
simdjson - DistinctUserID (GB/s)	5.09	5.08	5.09	
	Normalized	100%	99.8%	100%
	Standard Deviation	0.2%		
JPEG XL libjxl - PNG - 5 (MP/s)	34.94	34.95	34.99	
	Normalized	99.86%	99.89%	100%
	Standard Deviation	0.7%		

JPEG XL libjxl - PNG - 7 (MP/s)	8.14	8.11	8.06
Normalized	100%	99.63%	99.02%
Standard Deviation	0.1%		
JPEG XL libjxl - PNG - 8 (MP/s)	0.85	0.86	0.86
Normalized	98.84%	100%	100%
Standard Deviation	0.7%		
JPEG XL libjxl - JPEG - 5 (MP/s)	78.63	77.52	77.81
Normalized	100%	98.59%	98.96%
Standard Deviation	0.1%		
JPEG XL libjxl - JPEG - 7 (MP/s)	78.57	77.87	77.61
Normalized	100%	99.11%	98.78%
Standard Deviation	0.5%		
JPEG XL libjxl - JPEG - 8 (MP/s)	28.80	28.82	28.91
Normalized	99.62%	99.69%	100%
Standard Deviation	0.7%		
JPEG XL Decoding libjxl - 1 (MP/s)	58.67	58.2	58.45
Normalized	100%	99.2%	99.63%
Standard Deviation	0.2%		
JPEG XL Decoding libjxl - All (MP/s)	262.00	256.17	256.01
Normalized	100%	97.77%	97.71%
Standard Deviation	0.2%		
dav1d - Chimera 1080p (FPS)	583.39	580.05	578.44
Normalized	100%	99.43%	99.15%
Standard Deviation	0.3%		
dav1d - Summer Nature 4K (FPS)	151.69	150.71	150.43
Normalized	100%	99.35%	99.17%
Standard Deviation	0.1%		
dav1d - S.N.1 (FPS)	535.65	533.38	535.43
Normalized	100%	99.58%	99.96%
Standard Deviation	0.2%		
dav1d - C.1.1.b (FPS)	439.17	435.17	435.35
Normalized	100%	99.09%	99.13%
Standard Deviation	0.1%		
Timed GCC Compilation - Time To Compile (sec)	1149	1148	1143
Normalized	99.47%	99.52%	100%
Standard Deviation	0.3%		
Timed Linux Kernel Compilation - Time To Compile (sec)	111.312	112.531	112.357
Normalized	100%	98.92%	99.07%
Standard Deviation	1.1%		
Timed LLVM Compilation - Ninja (sec)	874.333	874.324	874.228
Normalized	99.99%	99.99%	100%
Standard Deviation	0%		
Timed LLVM Compilation - Unix Makefiles	899.329	904.329	891.694
Normalized	99.15%	98.6%	100%
Standard Deviation	0.8%		
FLAC Audio Encoding - WAV To FLAC (sec)	14.396	14.505	14.436
Normalized	100%	99.25%	99.72%
Standard Deviation	0.3%		
Tachyon - Total Time (sec)	118.7480	118.7598	118.6461
Normalized	99.91%	99.9%	100%
Standard Deviation	0.4%		
Google SynthMark - VoiceMark_100 (Voices)	760.573	760.987	760.018
Normalized	99.95%	100%	99.87%

Standard Deviation	0.1%		
Cpuminer-Opt - Magi (kH/s)	197.24	198.31	197.53
Normalized	99.46%	100%	99.61%
Standard Deviation	0.3%		
Cpuminer-Opt - x25x (kH/s)	212.67	210.99	212.07
Normalized	100%	99.21%	99.72%
Standard Deviation	0.6%		
Cpuminer-Opt - Deepcoin (kH/s)	6948	6971	7001
Normalized	99.24%	99.58%	100%
Standard Deviation	0.6%		
Cpuminer-Opt - Ringcoin (kH/s)	1500	1500	1500
Normalized	100%	99.99%	99.97%
Standard Deviation	0.3%		
Cpuminer-Opt - Blake-2 S (kH/s)	249533	251810	242500
Normalized	99.1%	100%	96.3%
Standard Deviation	2.7%		
Cpuminer-Opt - Garlicoin (kH/s)	1804	1802	1775
Normalized	100%	99.89%	98.39%
Standard Deviation	0.7%		
Cpuminer-Opt - Skeincoin (kH/s)	30560	30530	30530
Normalized	100%	99.9%	99.9%
Standard Deviation	0.3%		
Cpuminer-Opt - Myriad-Groestl (kH/s)	9876	9930	9777
Normalized	99.46%	100%	98.46%
Standard Deviation	2.2%		
Cpuminer-Opt - LBC, LBRY Credits (kH/s)	19537	19450	19470
Normalized	100%	99.55%	99.66%
Standard Deviation	0.6%		
Cpuminer-Opt - Q.S.2.P (kH/s)	35427	35480	35490
Normalized	99.82%	99.97%	100%
Standard Deviation	0.3%		
Cpuminer-Opt - T.S.2.O (kH/s)	50430	54580	49280
Normalized	92.4%	100%	90.29%
Standard Deviation	2.7%		
OpenSSL - SHA256 (byte/s)	2345259433	2346825340	2343164460
Normalized	99.93%	100%	99.84%
Standard Deviation	0.1%		
OpenSSL - RSA4096 (sign/s)	2061	2073	2044
Normalized	99.39%	100%	98.59%
Standard Deviation	0.6%		
OpenSSL - RSA4096 (verify/s)	136795	136609	136508
Normalized	100%	99.86%	99.79%
Standard Deviation	0.1%		
PostgreSQL pgbench - 1 - 1 - Read Only	29889	30154	29933
Normalized	99.12%	100%	99.27%
Standard Deviation	0.7%		
PostgreSQL pgbench - 1 - 1 - Read Only -	0.033	0.033	0.033
Average Latency (ms)			
Standard Deviation	1.7%		
PostgreSQL pgbench - 1 - 1 - Read Write	597	599	620
Normalized	96.29%	96.61%	100%
Standard Deviation	1.1%		

PostgreSQL pgbench - 1 - 1 - Read Write -	1.676	1.67	1.612
Average Latency (ms)			
Normalized	96.18%	96.53%	100%
Standard Deviation	1.1%		
PostgreSQL pgbench - 1 - 50 - Read Only	216759	220305	215819
(TPS)			
Normalized	98.39%	100%	97.96%
Standard Deviation	0.4%		
PostgreSQL pgbench - 1 - 50 - Read Only -	0.231	0.227	0.232
Average Latency (ms)			
Normalized	98.27%	100%	97.84%
Standard Deviation	0.3%		
PostgreSQL pgbench - 1 - 100 - Read Only	211833	211196	210389
(TPS)			
Normalized	100%	99.7%	99.32%
Standard Deviation	0.5%		
PostgreSQL pgbench - 1 - 100 - Read Only -	0.472	0.473	0.475
Average Latency (ms)			
Normalized	100%	99.79%	99.37%
Standard Deviation	0.5%		
PostgreSQL pgbench - 1 - 250 - Read Only	184425	178409	182787
(TPS)			
Normalized	100%	96.74%	99.11%
Standard Deviation	6.6%		
PostgreSQL pgbench - 1 - 250 - Read Only -	1.361	1.401	1.368
Average Latency (ms)			
Normalized	100%	97.14%	99.49%
Standard Deviation	6%		
PostgreSQL pgbench - 1 - 50 - Read Write	616	616	616
(TPS)			
Standard Deviation	0.3%		
PostgreSQL pgbench - 1 - 50 - Read Write -	81.127	81.113	81.23
Average Latency (ms)			
Normalized	99.98%	100%	99.86%
Standard Deviation	0.3%		
PostgreSQL pgbench - 1 - 500 - Read Only	158683	157909	157715
(TPS)			
Normalized	100%	99.51%	99.39%
Standard Deviation	0.2%		
PostgreSQL pgbench - 1 - 500 - Read Only -	3.151	3.166	3.17
Average Latency (ms)			
Normalized	100%	99.53%	99.4%
Standard Deviation	0.2%		
PostgreSQL pgbench - 100 - 1 - Read Only	28941	29158	28899
(TPS)			
Normalized	99.26%	100%	99.11%
Standard Deviation	0.6%		
PostgreSQL pgbench - 100 - 1 - Read Only -	0.035	0.034	0.035
Average Latency (ms)			
Normalized	97.14%	100%	97.14%
Standard Deviation	1.7%		

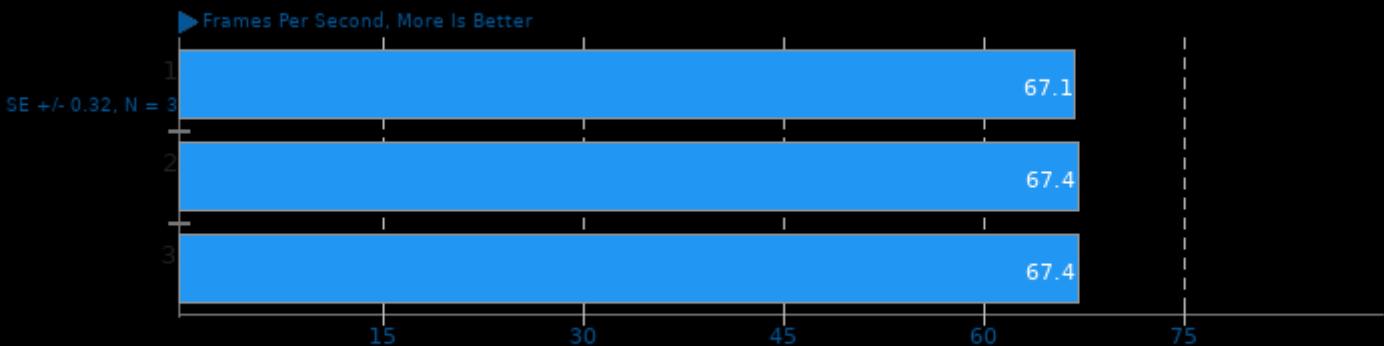
PostgreSQL pgbench - 1 - 100 - Read Write	611	604	606
	(TPS)		
Normalized	100%	98.85%	99.18%
Standard Deviation	1.1%		
PostgreSQL pgbench - 1 - 100 - Read Write -	163.803	165.498	165.079
	Average Latency (ms)		
Normalized	100%	98.98%	99.23%
Standard Deviation	1.1%		
PostgreSQL pgbench - 1 - 250 - Read Write	600	602	604
	(TPS)		
Normalized	99.34%	99.67%	100%
Standard Deviation	1.6%		
PostgreSQL pgbench - 1 - 250 - Read Write -	416.576	415.497	413.941
	Average Latency (ms)		
Normalized	99.37%	99.63%	100%
Standard Deviation	1.6%		
PostgreSQL pgbench - 1 - 500 - Read Write	518	529	528
	(TPS)		
Normalized	97.92%	100%	99.81%
Standard Deviation	4.3%		
PostgreSQL pgbench - 1 - 500 - Read Write -	966.279	945.096	946.081
	Average Latency (ms)		
Normalized	97.81%	100%	99.9%
Standard Deviation	4.3%		
PostgreSQL pgbench - 100 - 1 - Read Write	257	248	254
	(TPS)		
Normalized	100%	96.5%	98.83%
Standard Deviation	5.4%		
PostgreSQL pgbench - 100 - 1 - Read Write -	3.895	4.029	3.937
	Average Latency (ms)		
Normalized	100%	96.67%	98.93%
Standard Deviation	6%		
PostgreSQL pgbench - 100 - 50 - Read Only	209053	208187	207747
	(TPS)		
Normalized	100%	99.59%	99.38%
Standard Deviation	0.9%		
PostgreSQL pgbench - 100 - 50 - Read Only -	0.239	0.24	0.241
	Average Latency (ms)		
Normalized	100%	99.58%	99.17%
Standard Deviation	0.9%		
PostgreSQL pgbench - 100 - 100 - Read Only	203065	203942	202393
	(TPS)		
Normalized	99.57%	100%	99.24%
Standard Deviation	0.3%		
PostgreSQL pgbench - 100 - 100 - Read Only -	0.493	0.49	0.494
	Average Latency (ms)		
Normalized	99.39%	100%	99.19%
Standard Deviation	0.2%		
PostgreSQL pgbench - 100 - 250 - Read Only	171342	171250	169459
	(TPS)		
Normalized	100%	99.95%	98.9%
Standard Deviation	1.8%		

PostgreSQL pgbench - 100 - 250 - Read Only	1.460	1.46	1.475
- Average Latency (ms)			
Normalized	100%	100%	98.98%
Standard Deviation	1.8%		
PostgreSQL pgbench - 100 - 50 - Read Write			
(TPS)		4940	4809
Normalized	97.17%	100%	97.35%
Standard Deviation	4.2%		
PostgreSQL pgbench - 100 - 50 - Read Write			
- Average Latency (ms)		10.433	10.122
Normalized	97.02%	100%	97.36%
Standard Deviation	4.2%		
PostgreSQL pgbench - 100 - 500 - Read Only			
(TPS)		149544	148310
Normalized	99.78%	98.95%	100%
Standard Deviation	0.3%		
PostgreSQL pgbench - 100 - 500 - Read Only			
- Average Latency (ms)		3.344	3.371
Normalized	99.76%	98.96%	100%
Standard Deviation	0.3%		
PostgreSQL pgbench - 100 - 100 - Read			
Write (TPS)		5961	5928
Normalized	100%	99.45%	95.42%
Standard Deviation	1.2%		
PostgreSQL pgbench - 100 - 100 - Read			
Write - Average Latency (ms)		16.776	16.869
Normalized	100%	99.45%	95.43%
Standard Deviation	1.2%		
PostgreSQL pgbench - 100 - 250 - Read			
Write (TPS)		6684	6694
Normalized	92.42%	92.56%	100%
Standard Deviation	5.3%		
PostgreSQL pgbench - 100 - 250 - Read			
Write - Average Latency (ms)		37.498	37.347
Normalized	92.19%	92.56%	100%
Standard Deviation	5.3%		
PostgreSQL pgbench - 100 - 500 - Read			
Write (TPS)		6873	6675
Normalized	100%	97.12%	94.02%
Standard Deviation	1.9%		
PostgreSQL pgbench - 100 - 500 - Read			
Write - Average Latency (ms)		72.767	74.91
Normalized	100%	97.14%	94.04%
Standard Deviation	1.9%		
Stress-NG - MMAP (Bogo Ops/s)			
	115.43	117.5	113.88
Normalized	98.24%	100%	96.92%
Standard Deviation	3%		
Stress-NG - NUMA (Bogo Ops/s)			
	189.13	189.37	191.81
Normalized	98.6%	98.73%	100%
Standard Deviation	0.2%		
Stress-NG - MEMFD (Bogo Ops/s)			
	666.89	672.19	670.89
Normalized	99.21%	100%	99.81%
Standard Deviation	0.7%		

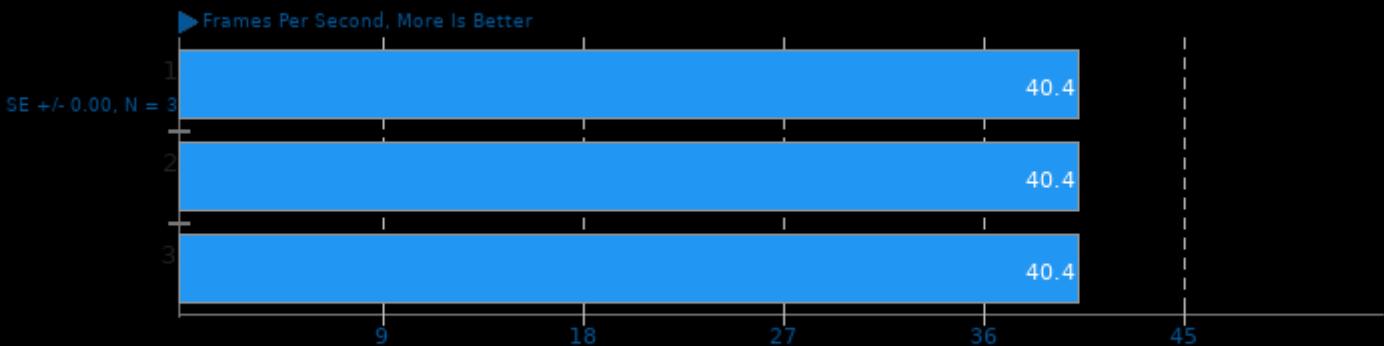
Stress-NG - Atomic (Bogo Ops/s)	193216	193863	217129
Normalized	88.99%	89.28%	100%
Standard Deviation	0.1%		
Stress-NG - Crypto (Bogo Ops/s)	1479	1478	1475
Normalized	100%	99.98%	99.75%
Standard Deviation	0.1%		
Stress-NG - Malloc (Bogo Ops/s)	53385702	53374958	53243513
Normalized	100%	99.98%	99.73%
Standard Deviation	0%		
Stress-NG - RdRand (Bogo Ops/s)	195248	195258	195250
Normalized	99.99%	100%	100%
Standard Deviation	0%		
Stress-NG - Forking (Bogo Ops/s)	46000	46314	46294
Normalized	99.32%	100%	99.95%
Standard Deviation	1%		
Stress-NG - IO_uring (Bogo Ops/s)	19413	19296	19937
Normalized	97.37%	96.79%	100%
Standard Deviation	0.6%		
Stress-NG - SENDFILE (Bogo Ops/s)	144983	144916	145336
Normalized	99.76%	99.71%	100%
Standard Deviation	0%		
Stress-NG - CPU Cache (Bogo Ops/s)	189.49	171.56	179.2
Normalized	100%	90.54%	94.57%
Standard Deviation	5.9%		
Stress-NG - CPU Stress (Bogo Ops/s)	14900	15070	15120
Normalized	98.55%	99.67%	100%
Standard Deviation	0.3%		
Stress-NG - Semaphores (Bogo Ops/s)	913401	910447	909644
Normalized	100%	99.68%	99.59%
Standard Deviation	0.6%		
Stress-NG - Matrix Math (Bogo Ops/s)	36342	35963	36924
Normalized	98.42%	97.4%	100%
Standard Deviation	1.2%		
Stress-NG - Vector Math (Bogo Ops/s)	23764	23745	23780
Normalized	99.93%	99.85%	100%
Standard Deviation	0%		
Stress-NG - Memory Copying (Bogo Ops/s)	3052	3075	2175
Normalized	99.27%	100%	70.75%
Standard Deviation	0.6%		
Stress-NG - Socket Activity (Bogo Ops/s)	7911	7866	7904
Normalized	100%	99.44%	99.91%
Standard Deviation	0.2%		
Stress-NG - Context Switching (Bogo Ops/s)	3229811	3241575	3288441
Normalized	98.22%	98.57%	100%
Standard Deviation	1.5%		
Stress-NG - G.C.S.F (Bogo Ops/s)	471581	474851	471523
Normalized	99.31%	100%	99.3%
Standard Deviation	0.4%		
Stress-NG - G.Q.D.S (Bogo Ops/s)	126.66	126.43	125.8
Normalized	100%	99.82%	99.32%
Standard Deviation	0.2%		
Stress-NG - S.V.M.P (Bogo Ops/s)	6530786	6523747	6555190
Normalized	99.63%	99.52%	100%
Standard Deviation	0.1%		

ONNX Runtime - yolov4 - OpenMP CPU	384	387	387
(Inferences/min)			
Normalized	99.22%	100%	100%
Standard Deviation	0.7%		
ONNX Runtime - bertsquad-10 - OpenMP	667	669	668
CPU (Inferences/min)			
Normalized	99.7%	100%	99.85%
Standard Deviation	0.4%		
ONNX Runtime - fcn-resnet101-11 - OpenMP	74	74	74
CPU (Inferences/min)			
Standard Deviation	0.7%		
ONNX Runtime - shufflenet-v2-10 - OpenMP	27910	27834	27694
CPU (Inferences/min)			
Normalized	100%	99.73%	99.23%
Standard Deviation	0.2%		
ONNX Runtime - super-resolution-10 -	4840	4828	4868
OpenMP CPU (Inferences/min)			
Normalized	99.42%	99.18%	100%
Standard Deviation	0.4%		

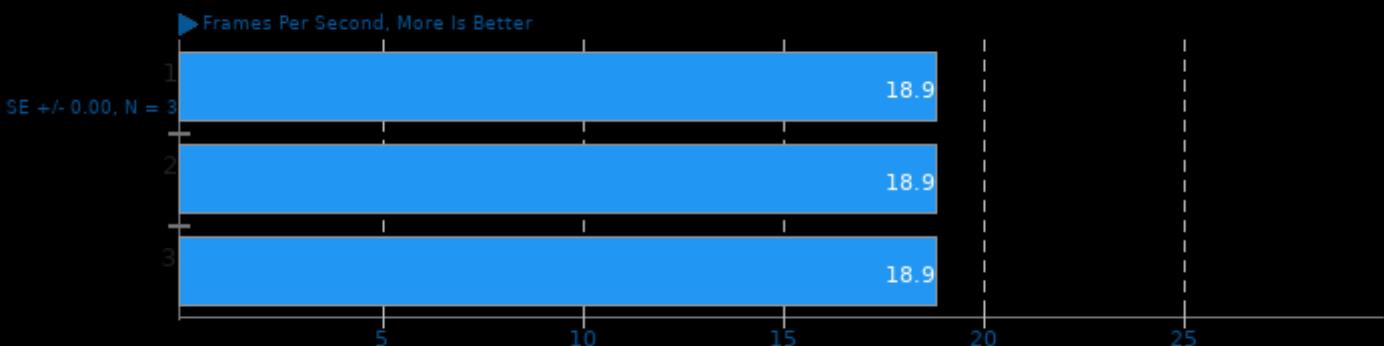
yquake2 8.0



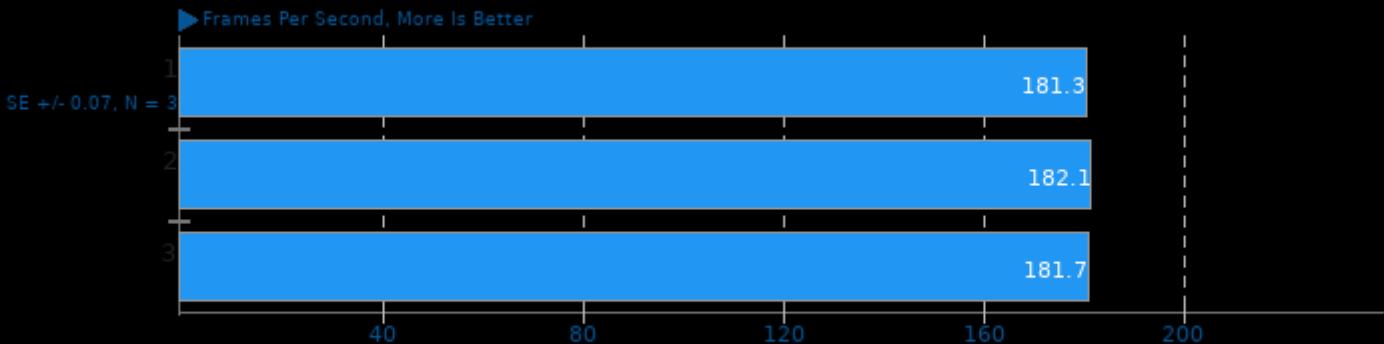
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfp-



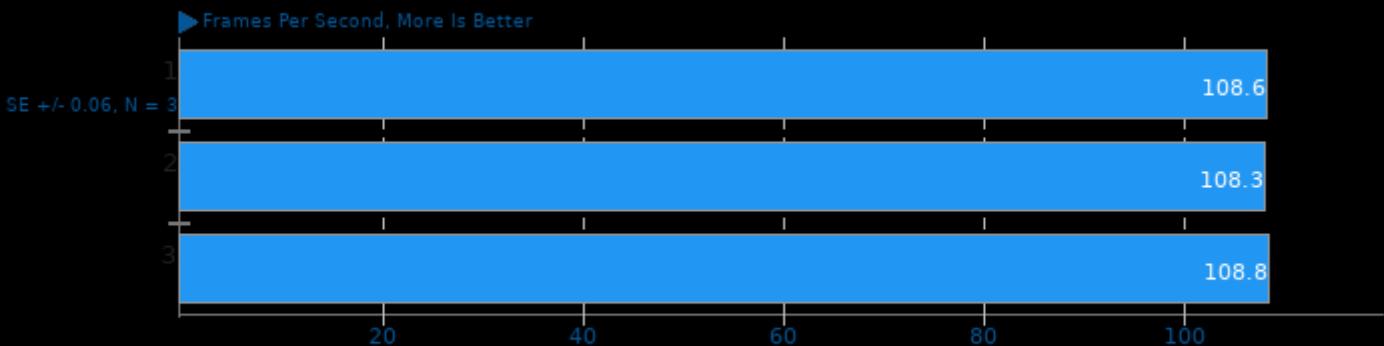
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfp



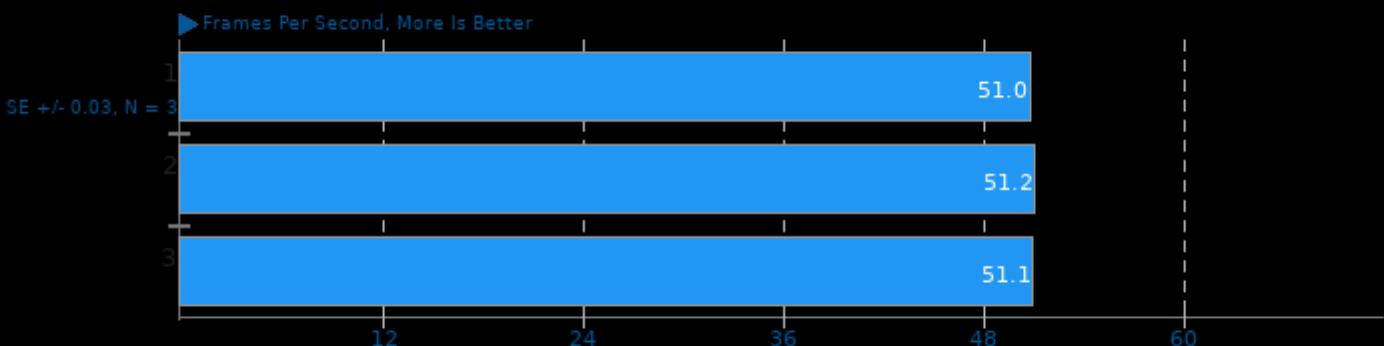
yquake2 8.0



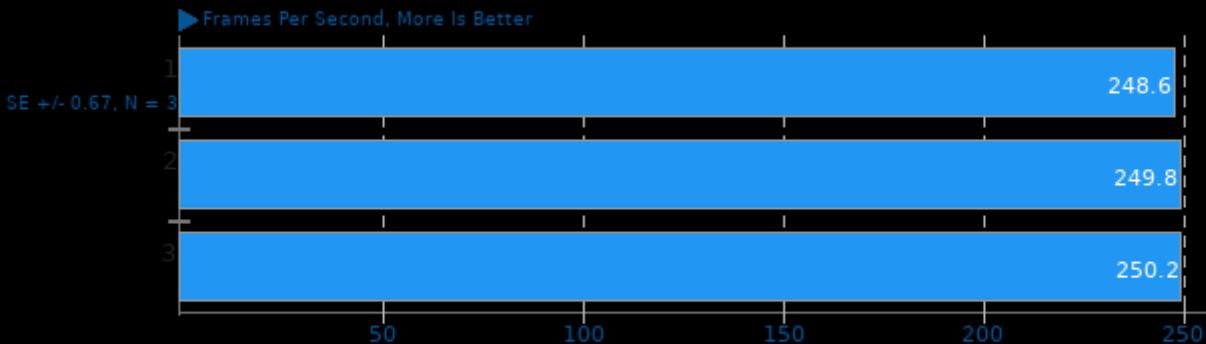
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfp



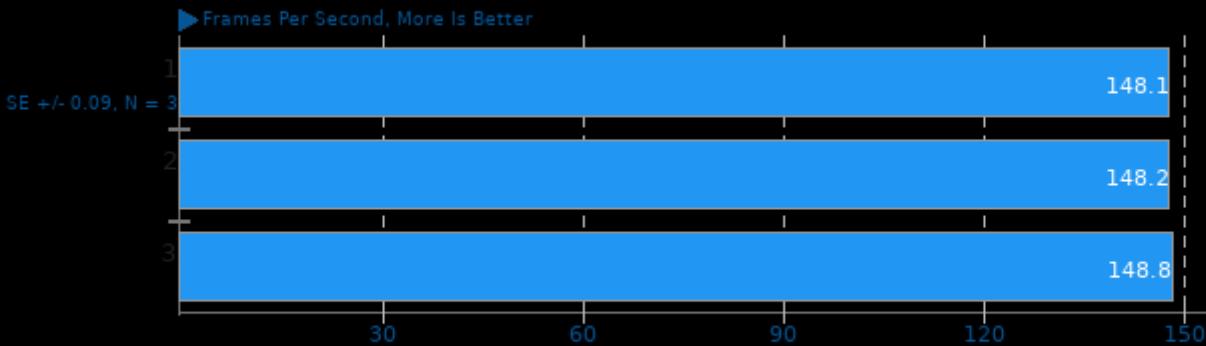
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfp-



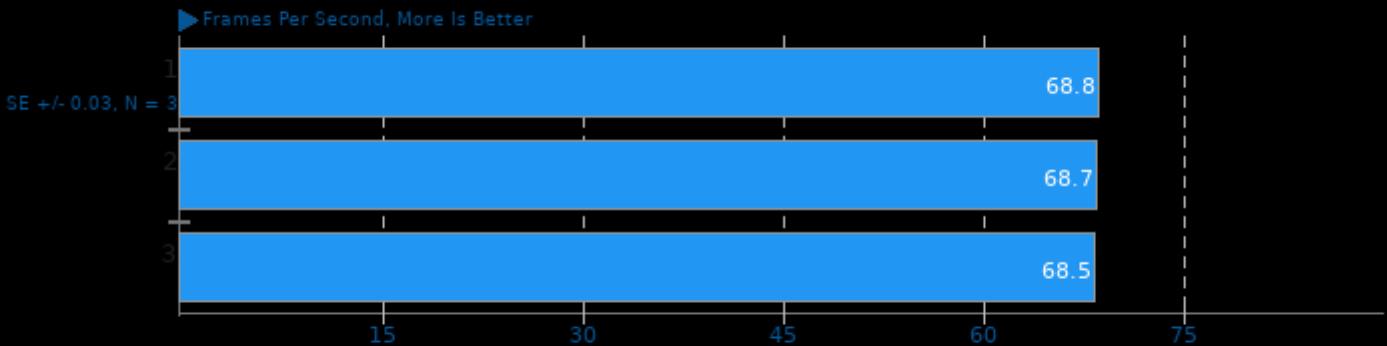
yquake2 8.0



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpu

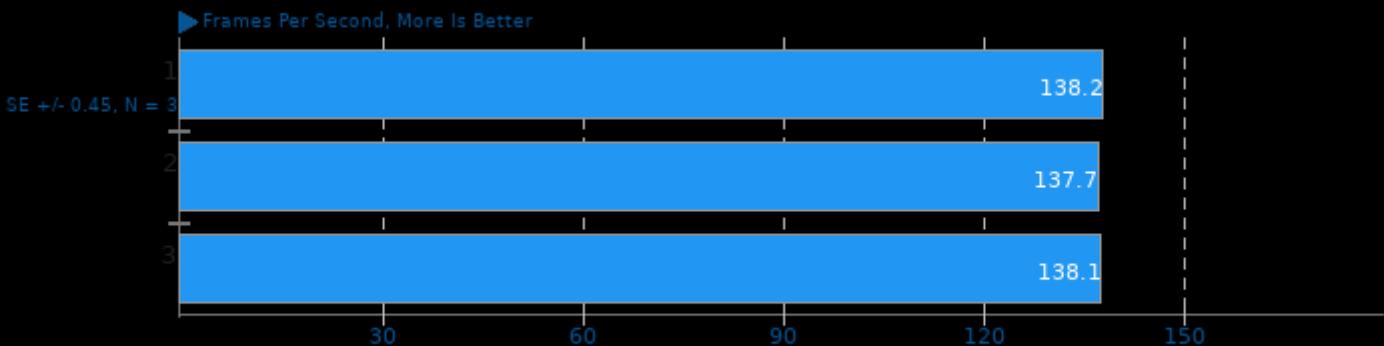


1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpu

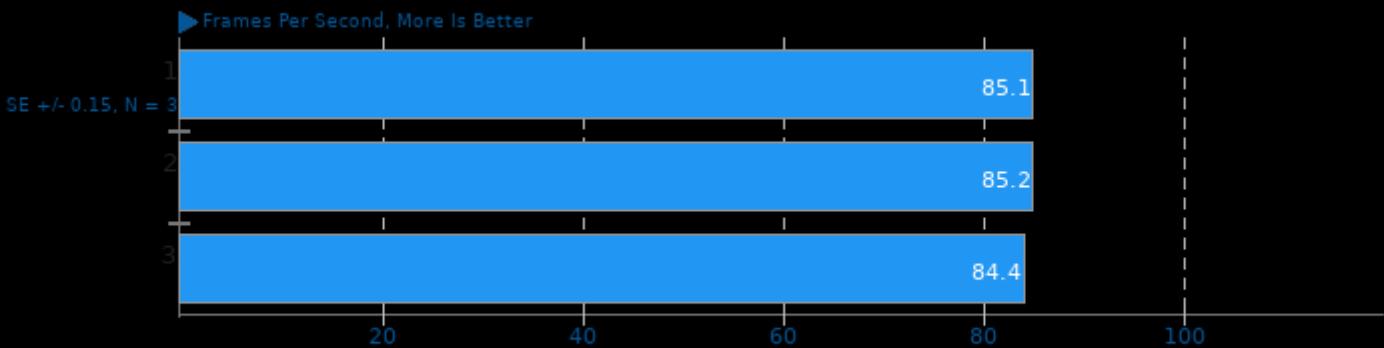


1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpu

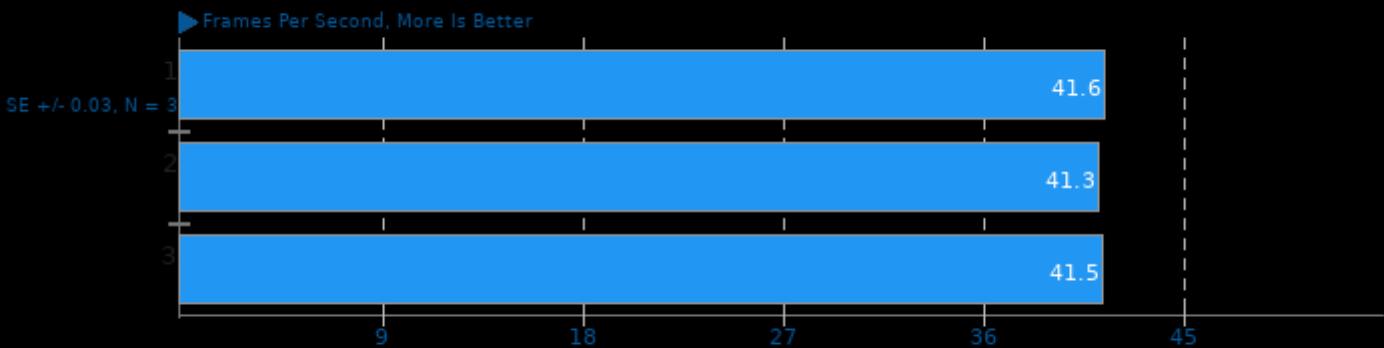
yquake2 8.0



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfp-



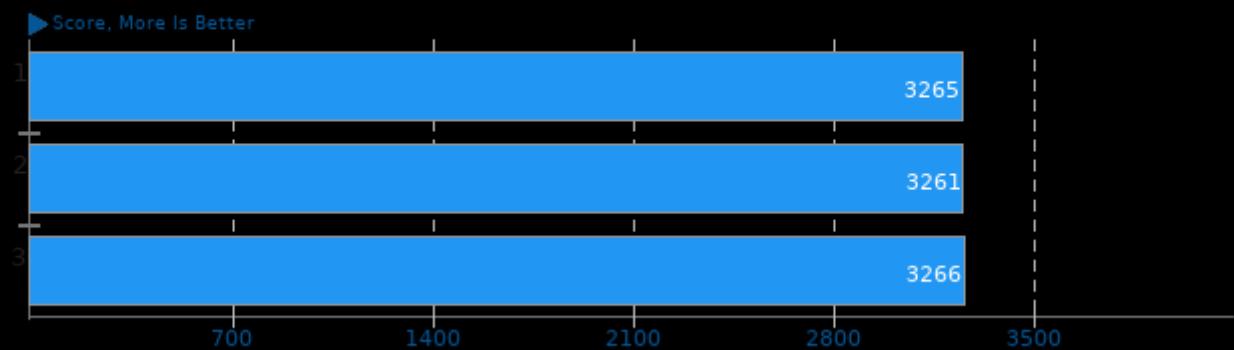
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpu



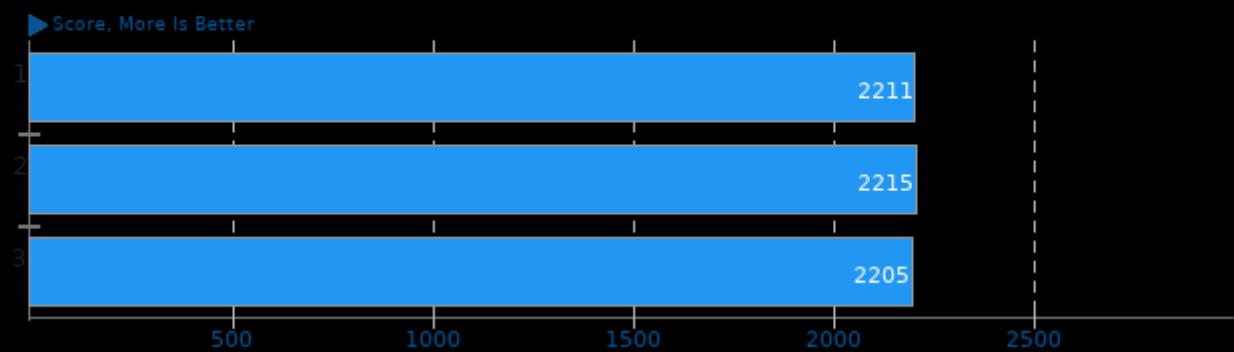
1. (CC) gcc options: -fPIC -fPIE -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpu

GLmark2 2021.08.30

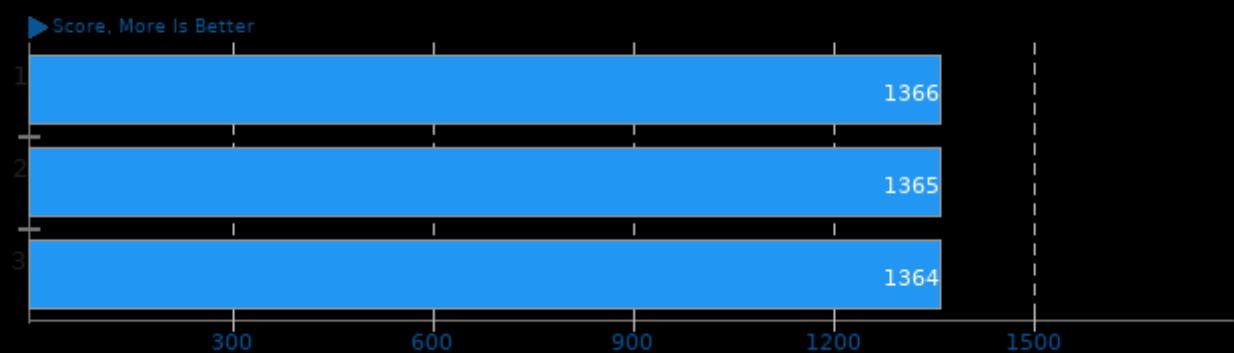
Resolution: 800 x 600

**GLmark2 2021.08.30**

Resolution: 1024 x 768

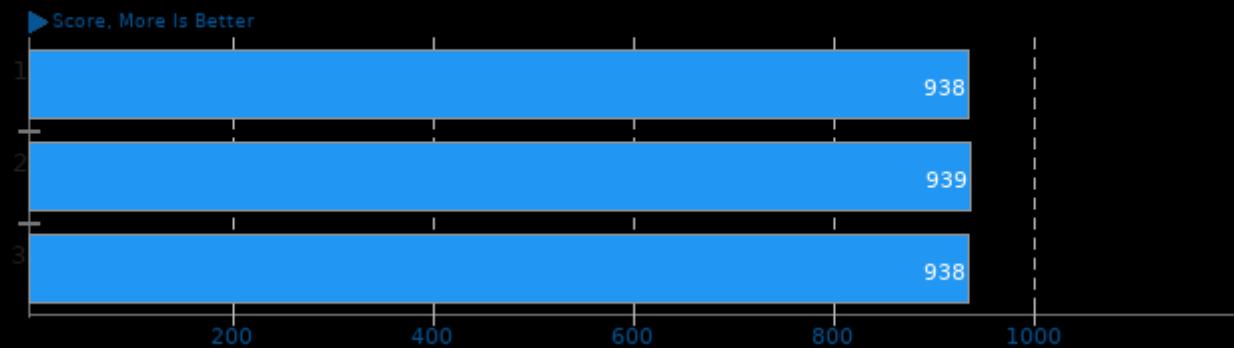
**GLmark2 2021.08.30**

Resolution: 1280 x 1024

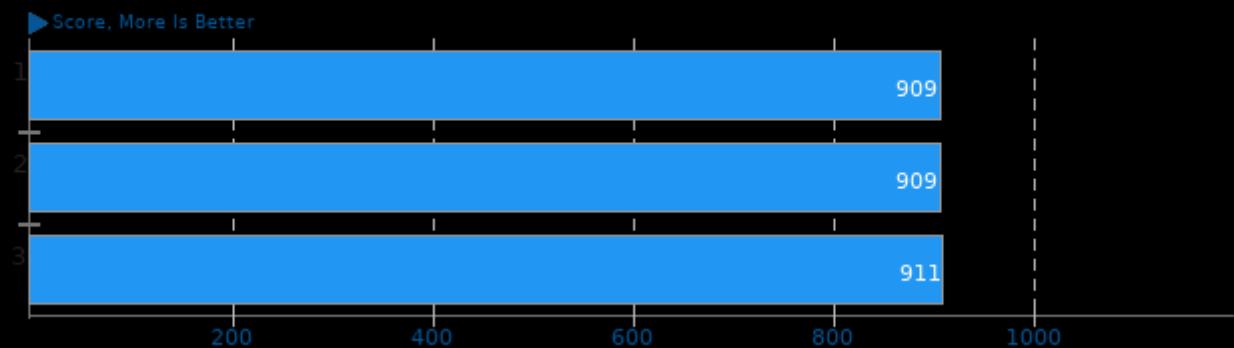


GLmark2 2021.08.30

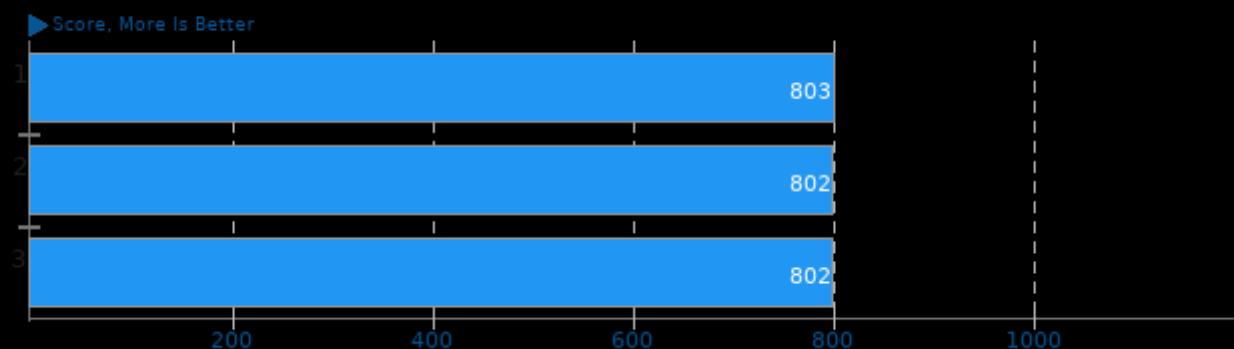
Resolution: 1600 x 1200

**GLmark2 2021.08.30**

Resolution: 1920 x 1080

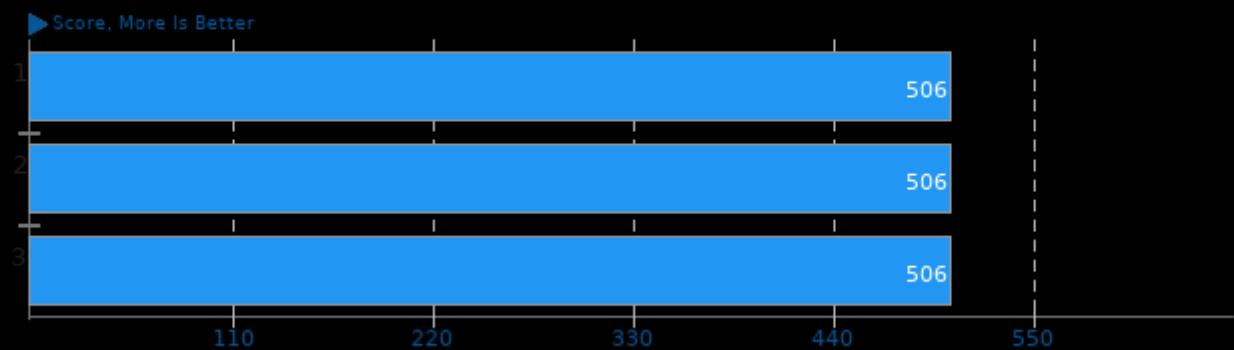
**GLmark2 2021.08.30**

Resolution: 1920 x 1200

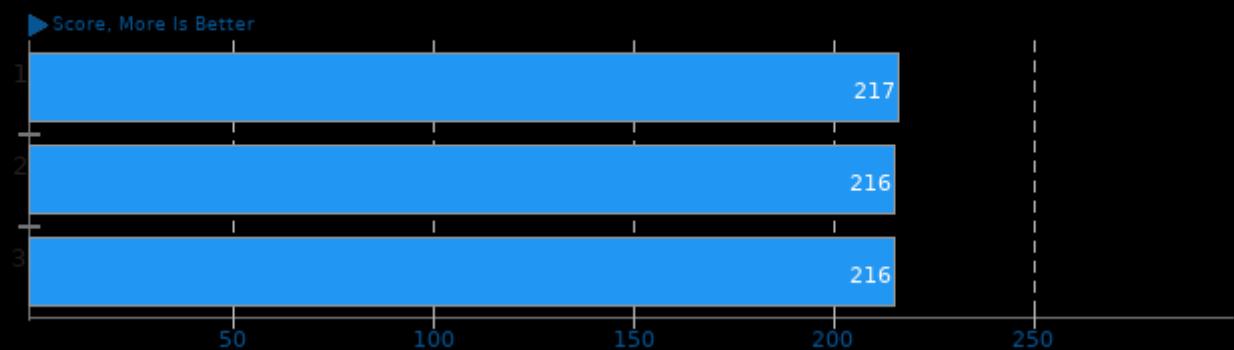


GLmark2 2021.08.30

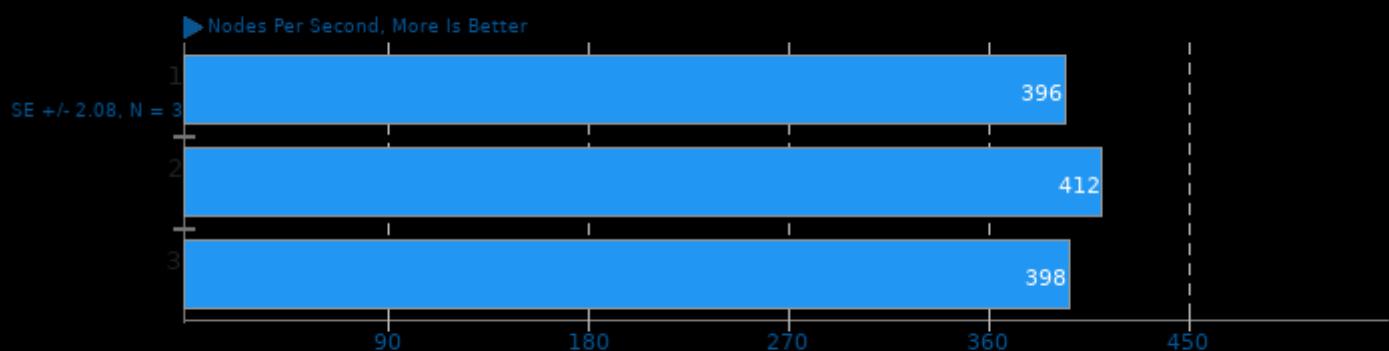
Resolution: 2560 x 1440

**GLmark2 2021.08.30**

Resolution: 3840 x 2160

**LeelaChessZero 0.28**

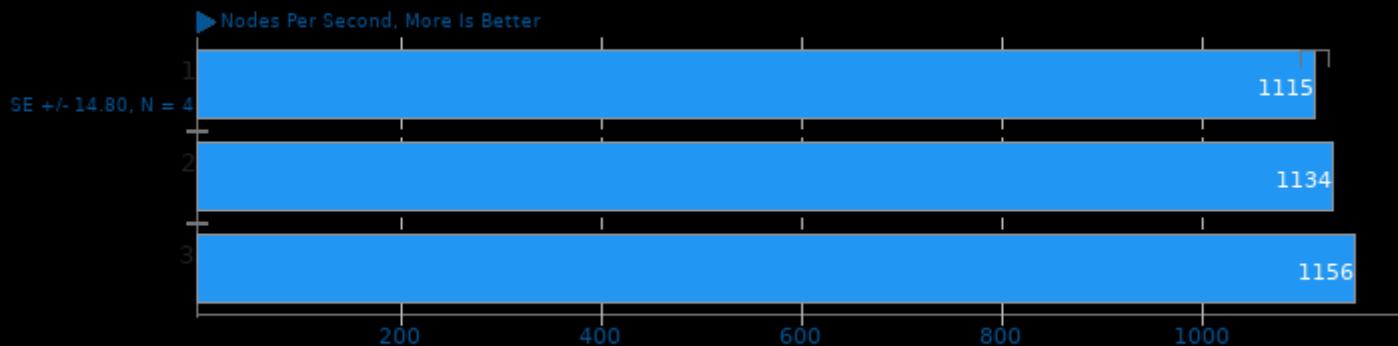
Backend: BLAS



1. (CXX) g++ options: -fno -pthread

LeelaChessZero 0.28

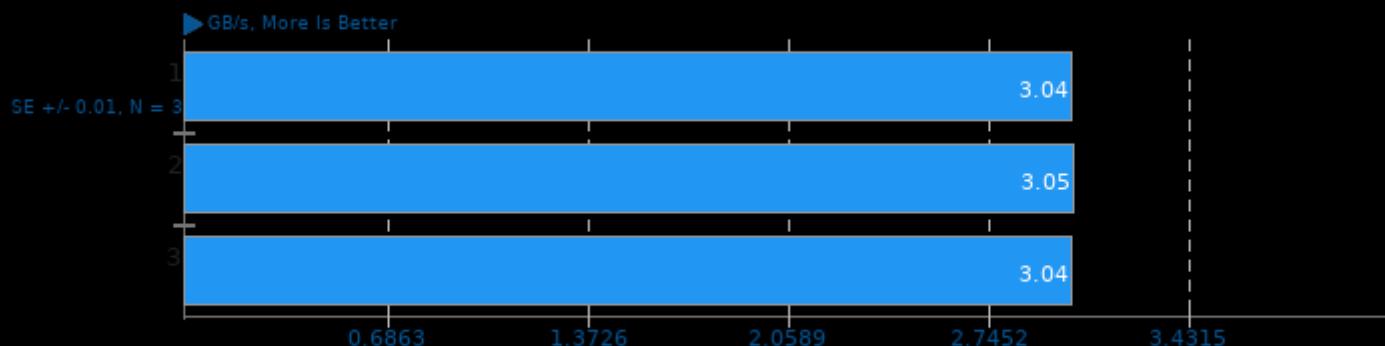
Backend: Eigen



1. (CXX) g++ options: -fno -pthread

simdjson 1.0

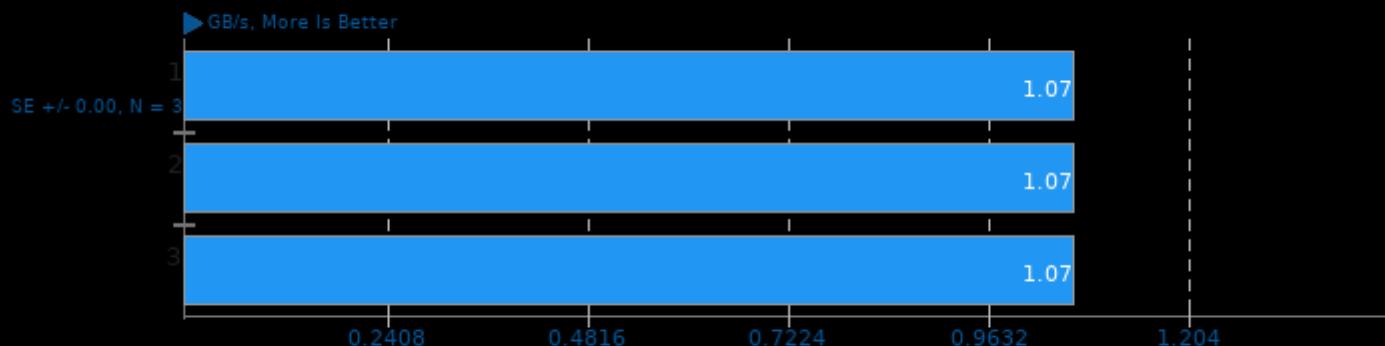
Throughput Test: Kostya



1. (CXX) g++ options: -O3 -pthread

simdjson 1.0

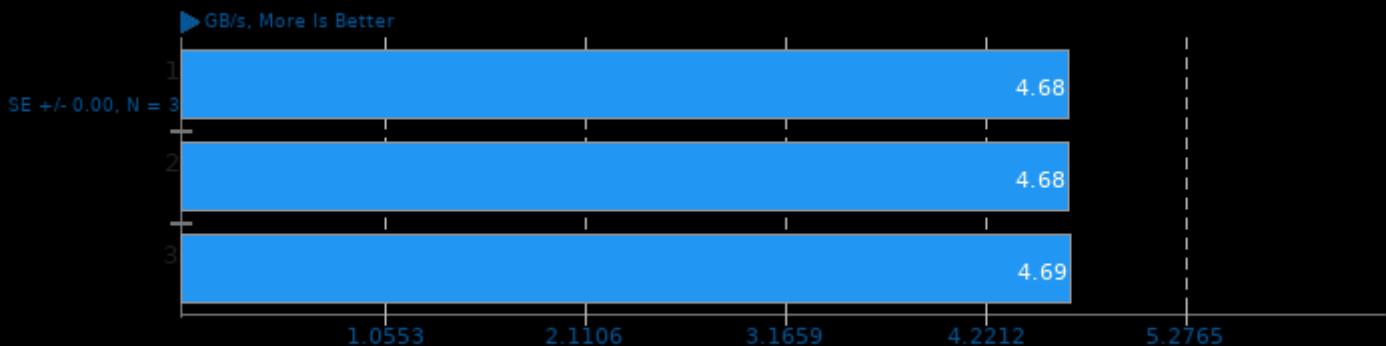
Throughput Test: LargeRandom



1. (CXX) g++ options: -O3 -pthread

simdjson 1.0

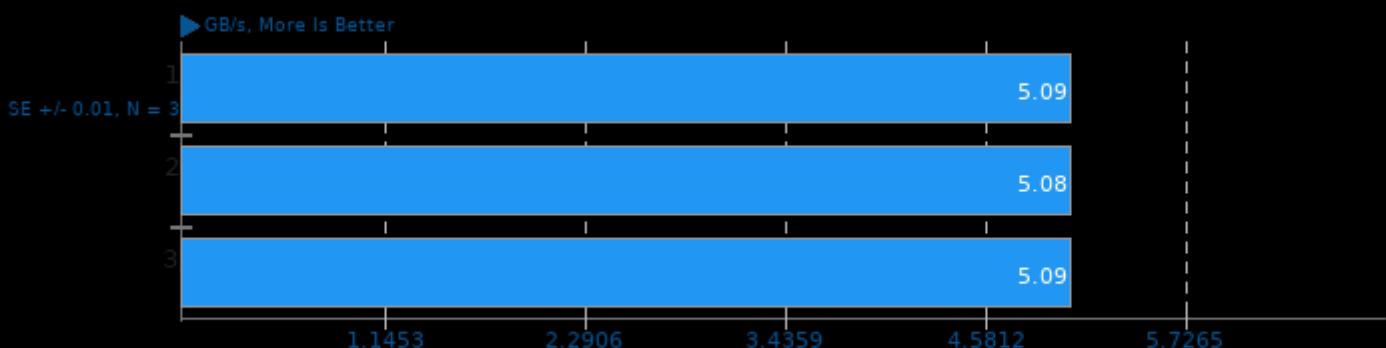
Throughput Test: PartialTweets



1. (CXX) g++ options: -O3 -pthread

simdjson 1.0

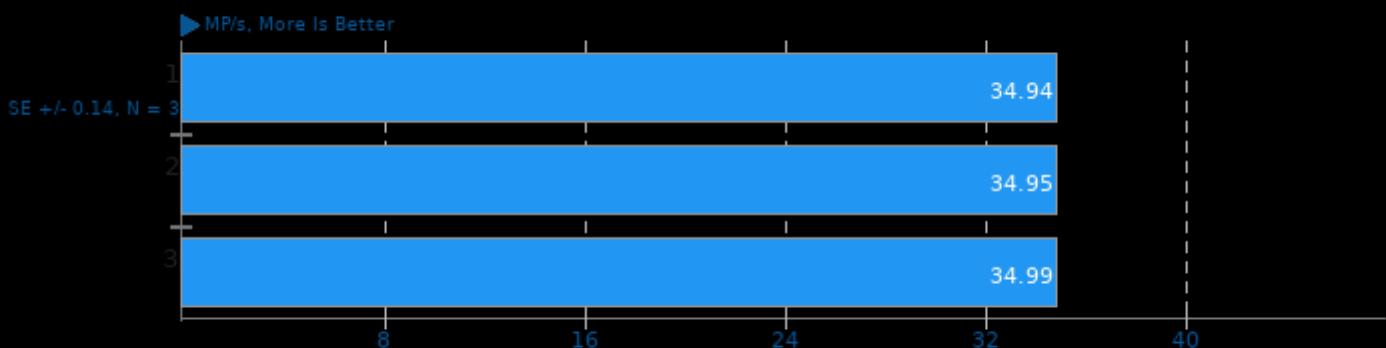
Throughput Test: DistinctUserID



1. (CXX) g++ options: -O3 -pthread

JPEG XL libjxl 0.5

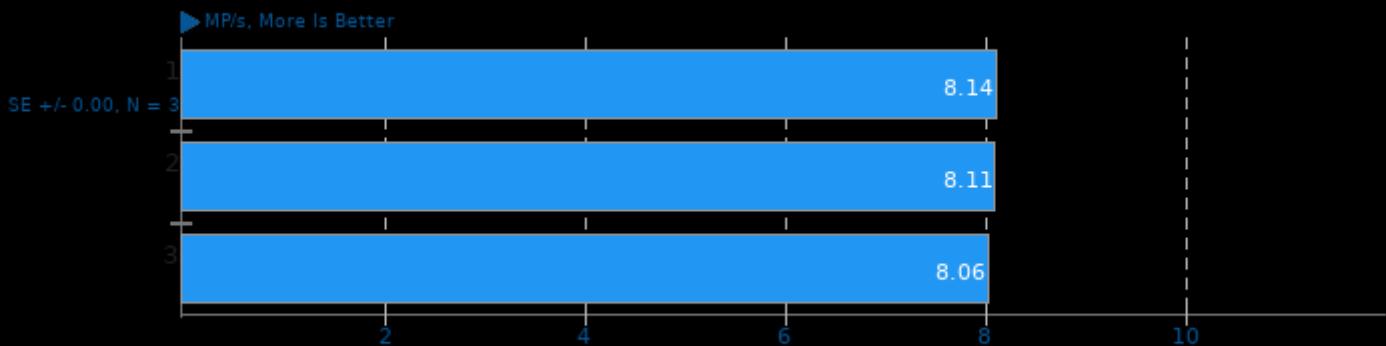
Input: PNG - Encode Speed: 5



1. (CXX) g++ options: -funwind-tables -O3 -O2 -pthread -fPIE -pie

JPEG XL libjxl 0.5

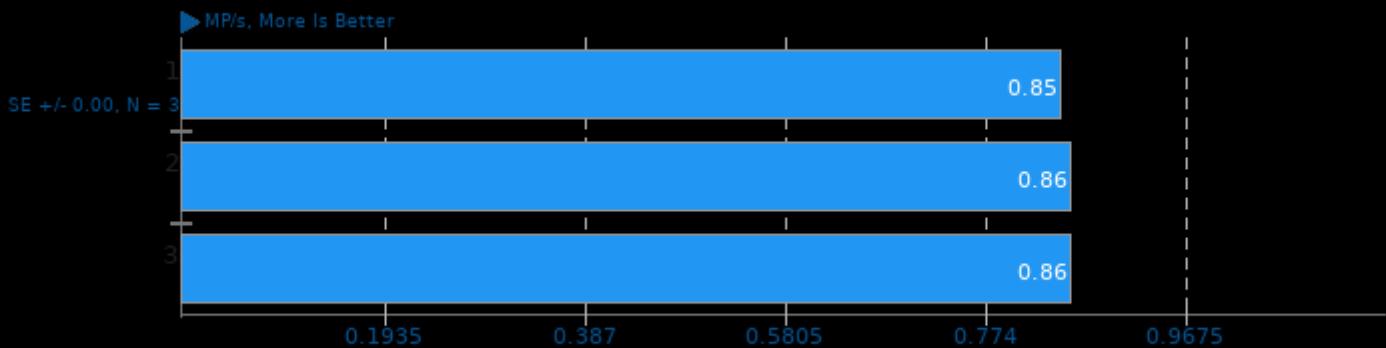
Input: PNG - Encode Speed: 7



1. (CXX) g++ options: -funwind-tables -O3 -O2 -pthread -fPIE -pie

JPEG XL libjxl 0.5

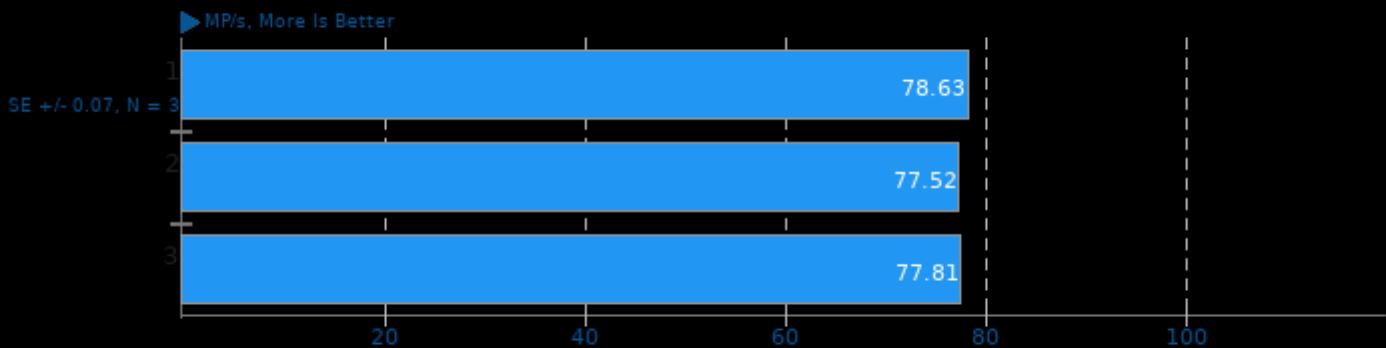
Input: PNG - Encode Speed: 8



1. (CXX) g++ options: -funwind-tables -O3 -O2 -pthread -fPIE -pie

JPEG XL libjxl 0.5

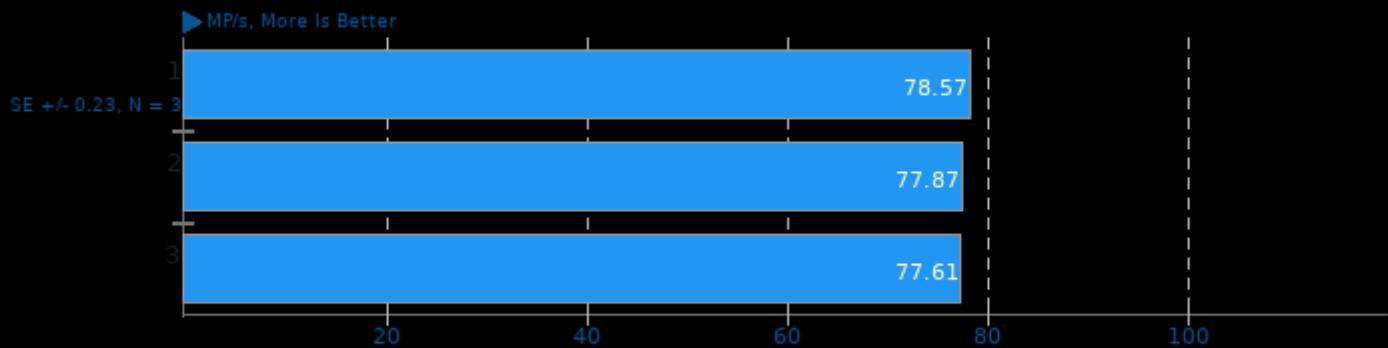
Input: JPEG - Encode Speed: 5



1. (CXX) g++ options: -funwind-tables -O3 -O2 -pthread -fPIE -pie

JPEG XL libjxl 0.5

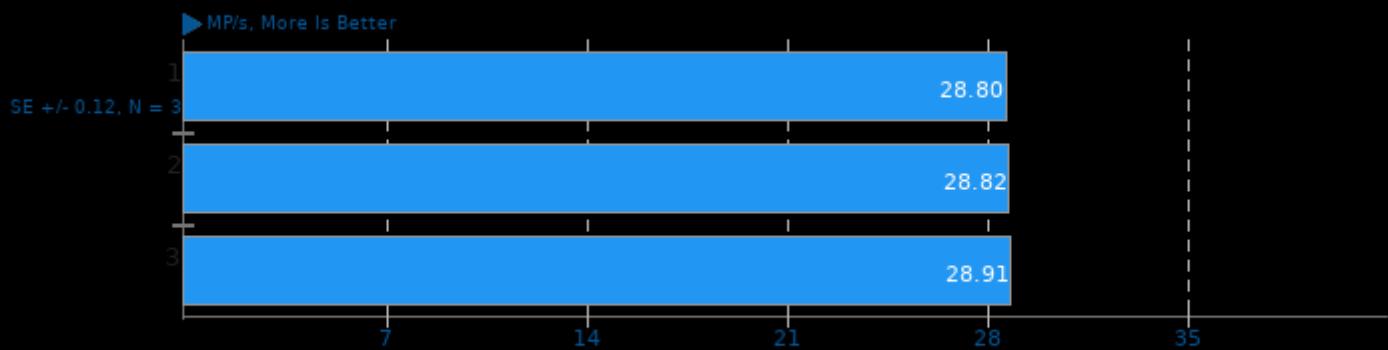
Input: JPEG - Encode Speed: 7



1. (CXX) g++ options: -funwind-tables -O3 -O2 -pthread -fPIE -pie

JPEG XL libjxl 0.5

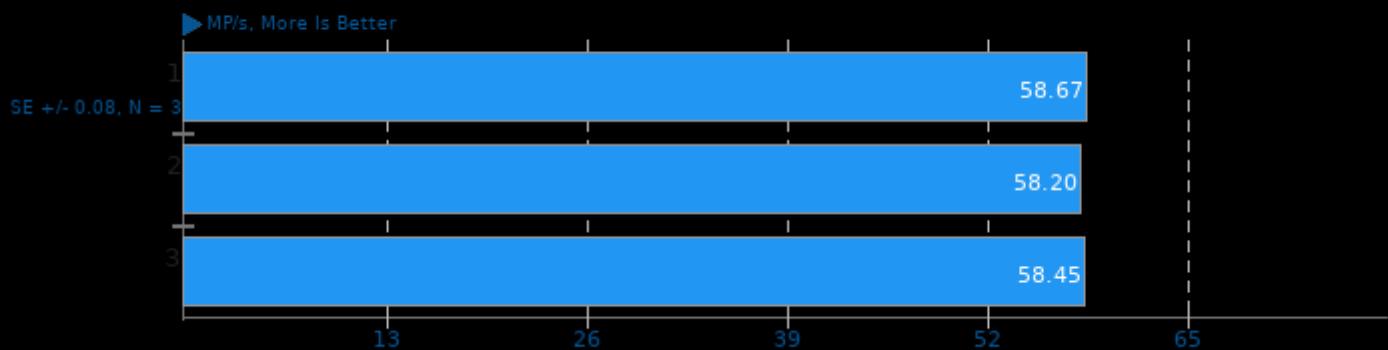
Input: JPEG - Encode Speed: 8



1. (CXX) g++ options: -funwind-tables -O3 -O2 -pthread -fPIE -pie

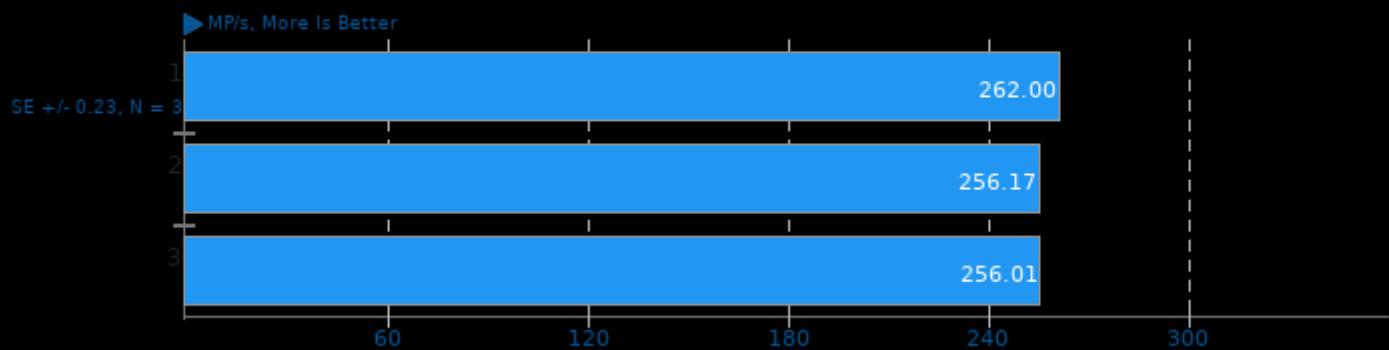
JPEG XL Decoding libjxl 0.5

CPU Threads: 1



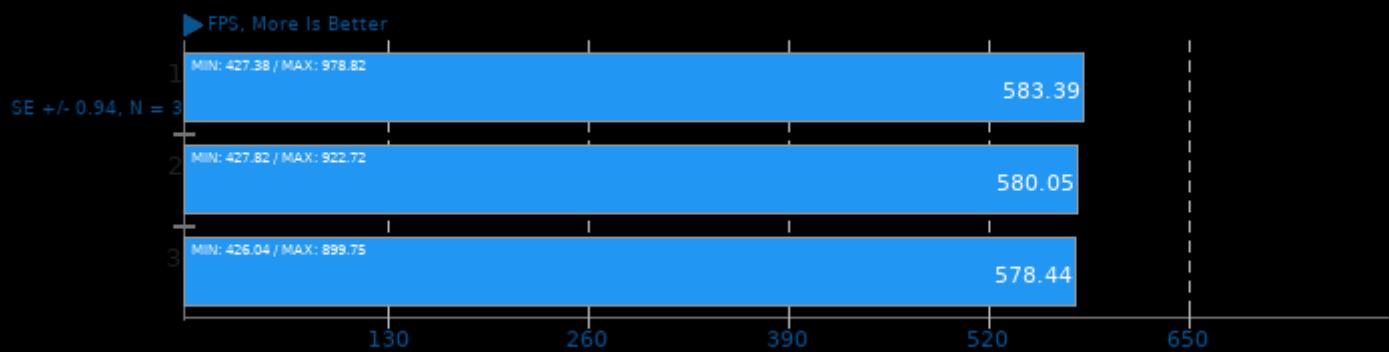
JPEG XL Decoding libjxl 0.5

CPU Threads: All



dav1d 0.9.2

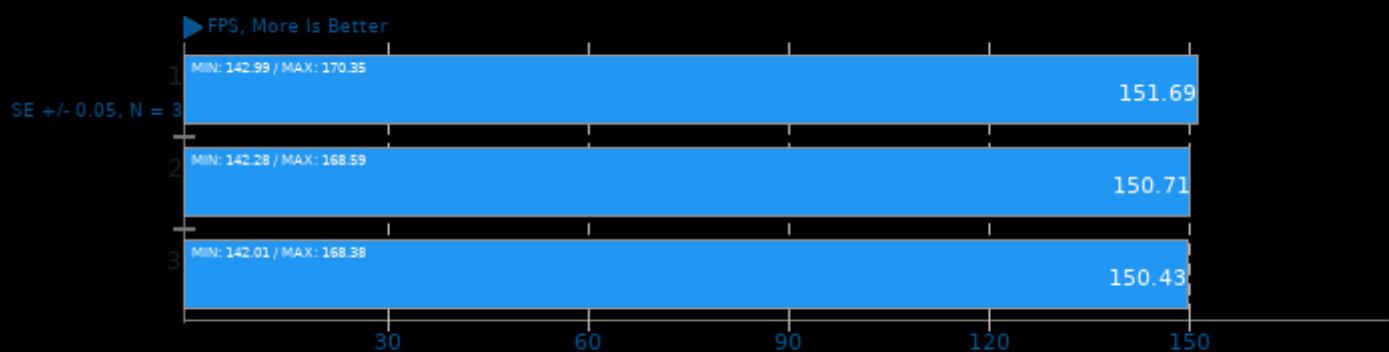
Video Input: Chimera 1080p



1. (CC) gcc options: -pthread -lm

dav1d 0.9.2

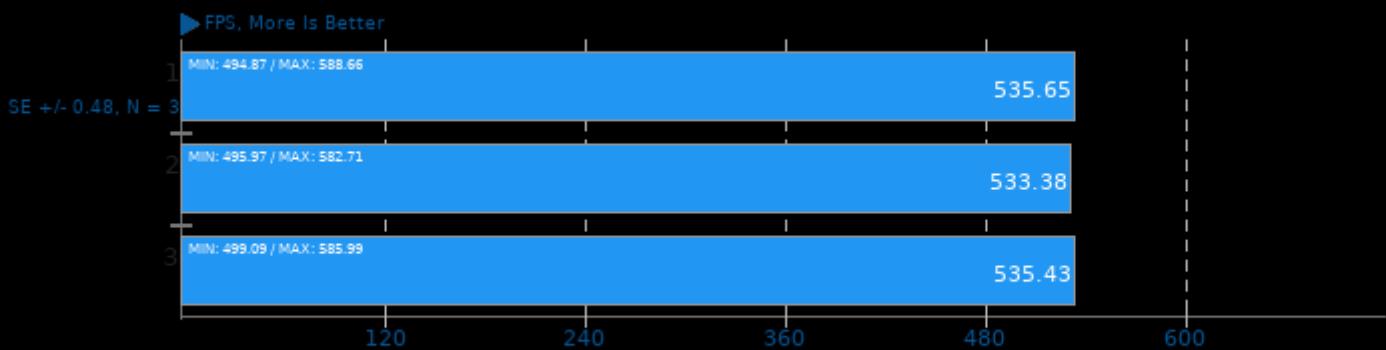
Video Input: Summer Nature 4K



1. (CC) gcc options: -pthread -lm

dav1d 0.9.2

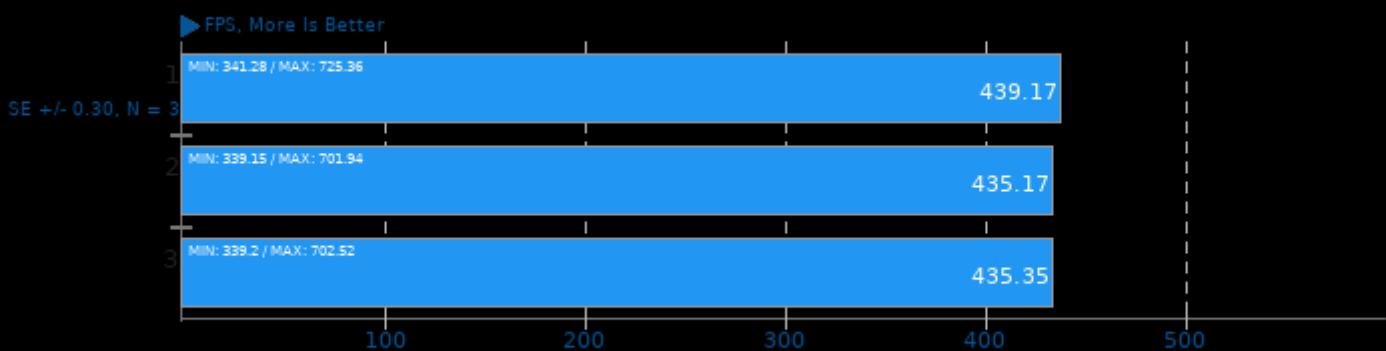
Video Input: Summer Nature 1080p



1. (CC) gcc options: -pthread -lm

dav1d 0.9.2

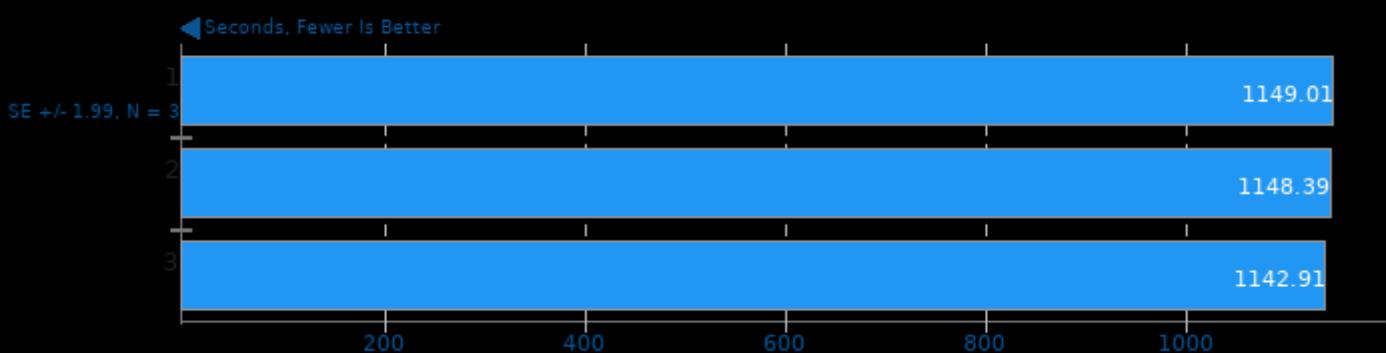
Video Input: Chimera 1080p 10-bit



1. (CC) gcc options: -pthread -lm

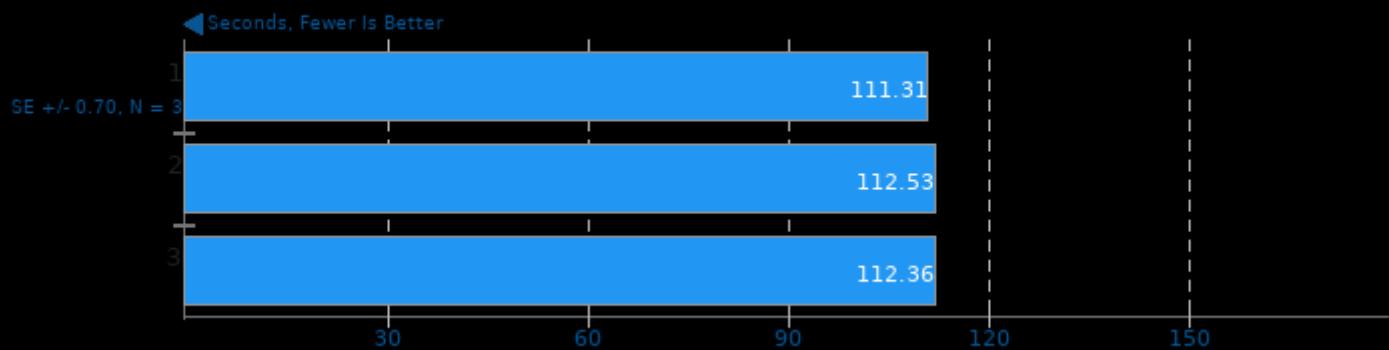
Timed GCC Compilation 11.2.0

Time To Compile



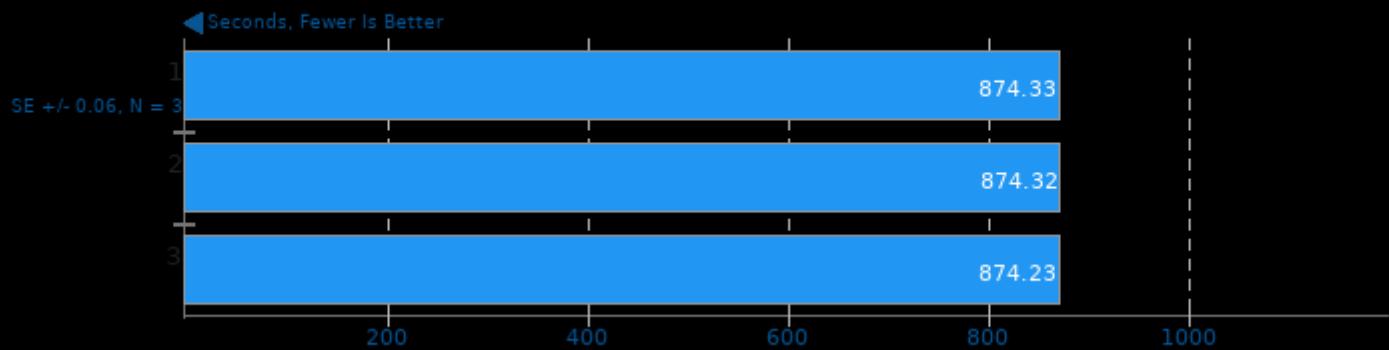
Timed Linux Kernel Compilation 5.14

Time To Compile



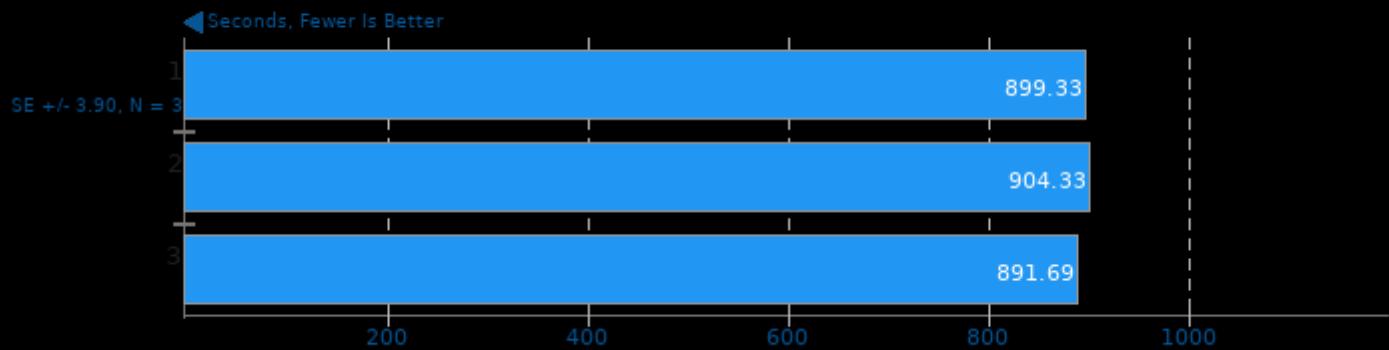
Timed LLVM Compilation 13.0

Build System: Ninja



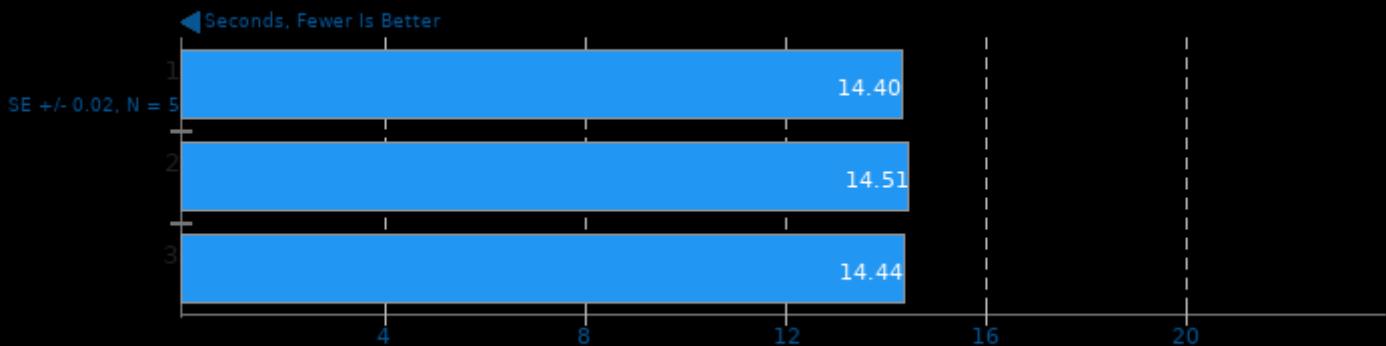
Timed LLVM Compilation 13.0

Build System: Unix Makefiles



FLAC Audio Encoding 1.3.3

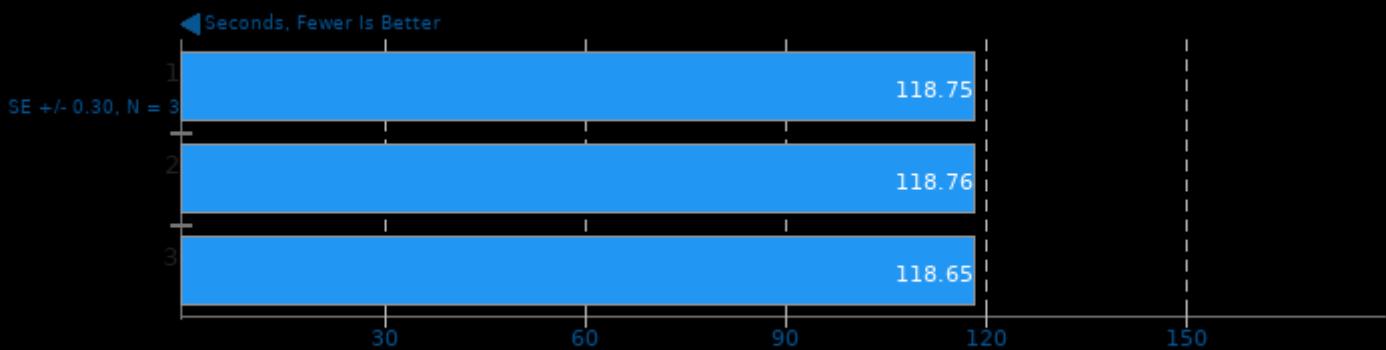
WAV To FLAC



1. (CXX) g++ options: -fvisibility=hidden -log -lm

Tachyon 0.99b6

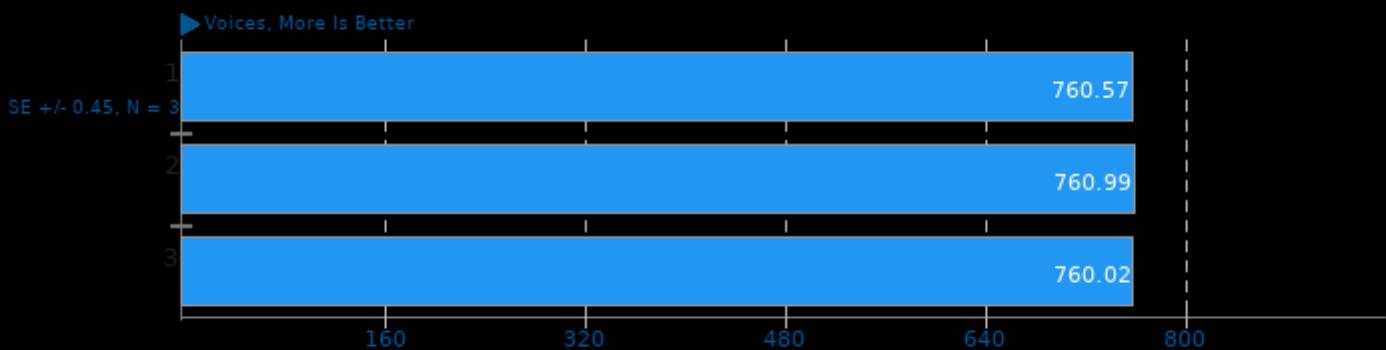
Total Time



1. (CC) gcc options: -m64 -O3 -fomit-frame-pointer -ffast-math -ltachyon -lm -lpthread

Google SynthMark 20201109

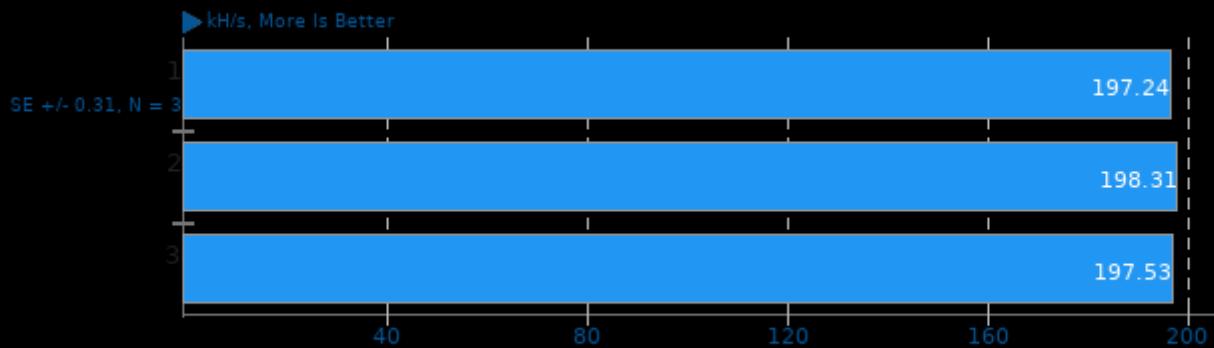
Test: VoiceMark_100



1. (CXX) g++ options: -lm -lpthread -std=c++11 -Ofast

Cpuminer-Opt 3.18

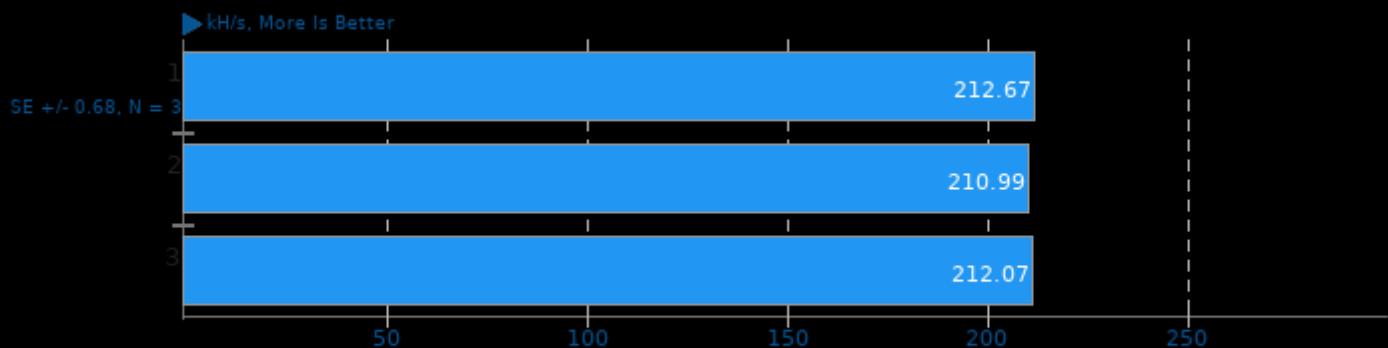
Algorithm: Magi



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

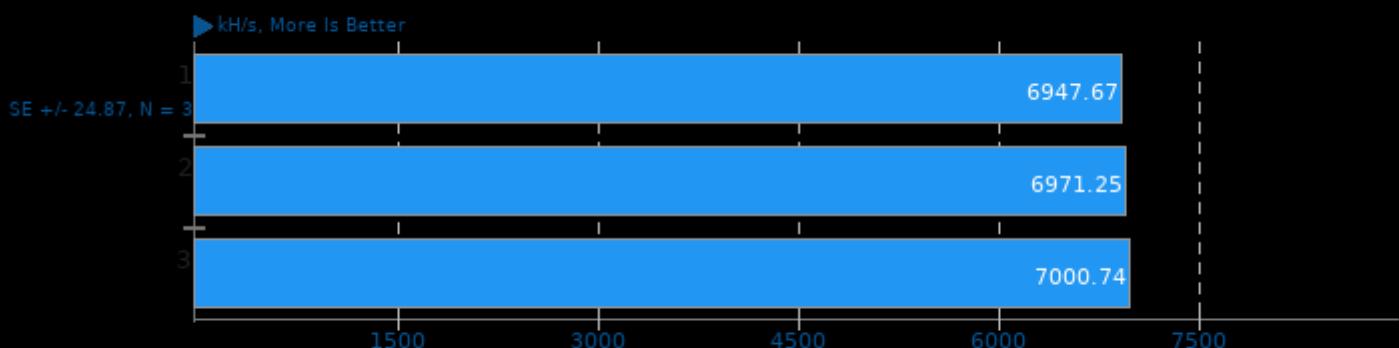
Algorithm: x25x



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

Algorithm: Deepcoin

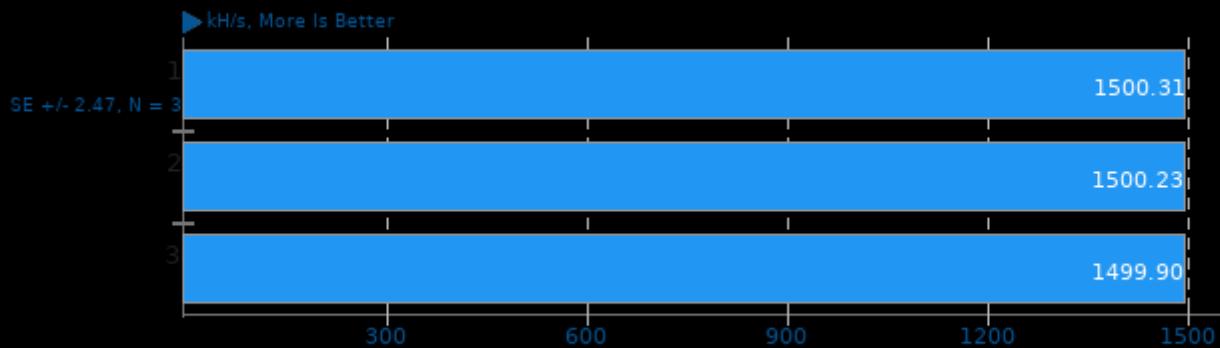


1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

10600k okt

Cpuminer-Opt 3.18

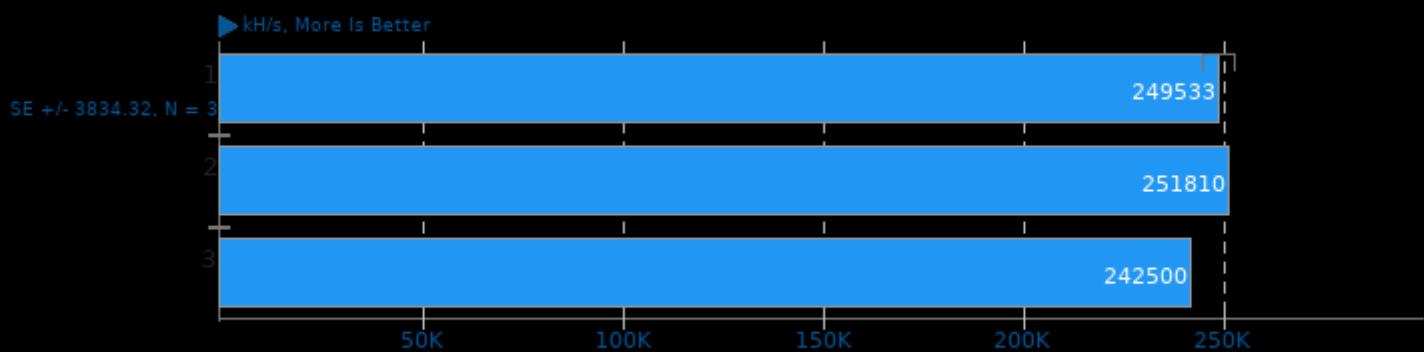
Algorithm: Ringcoin



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

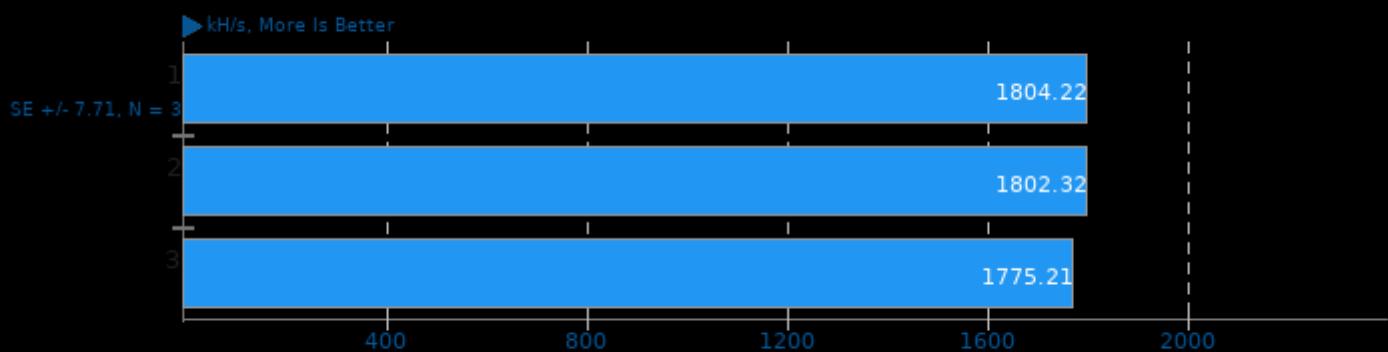
Algorithm: Blake-2 S



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

Algorithm: Garlicoin

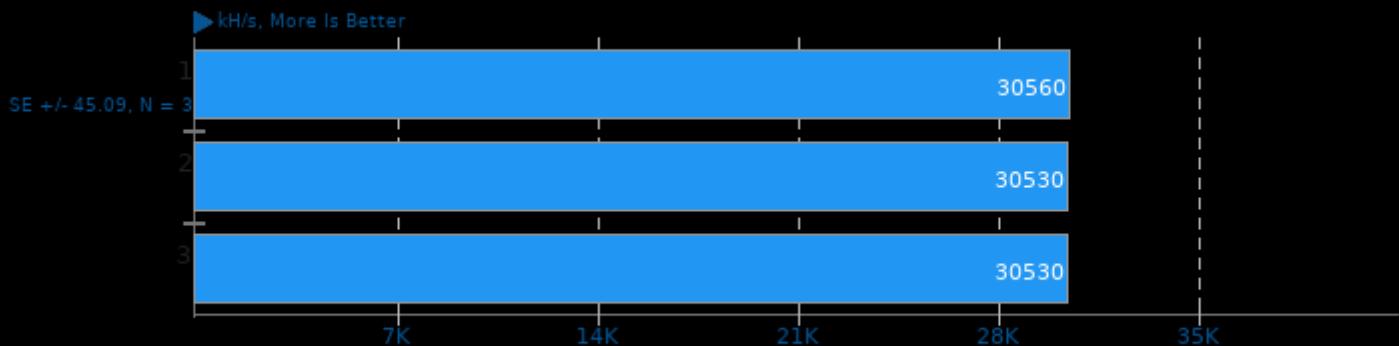


1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

10600k okt

Cpuminer-Opt 3.18

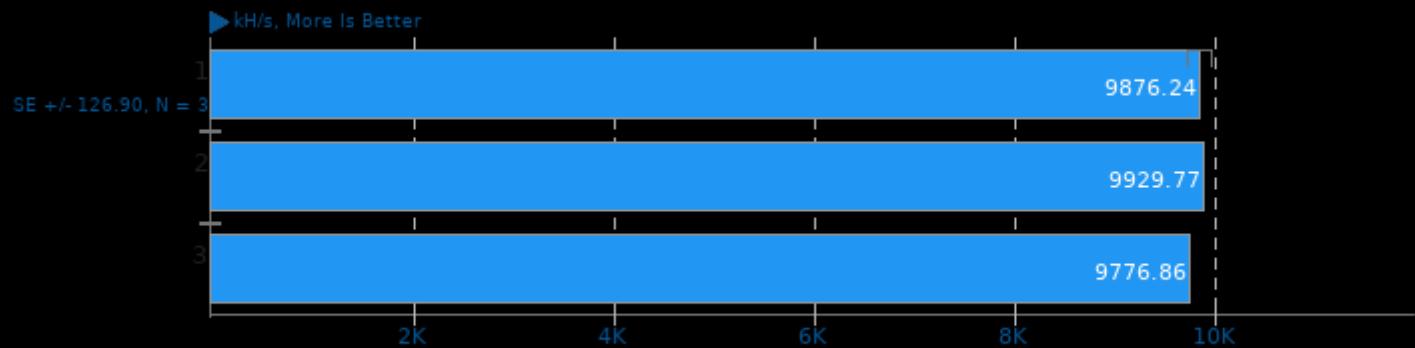
Algorithm: Skeincoin



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

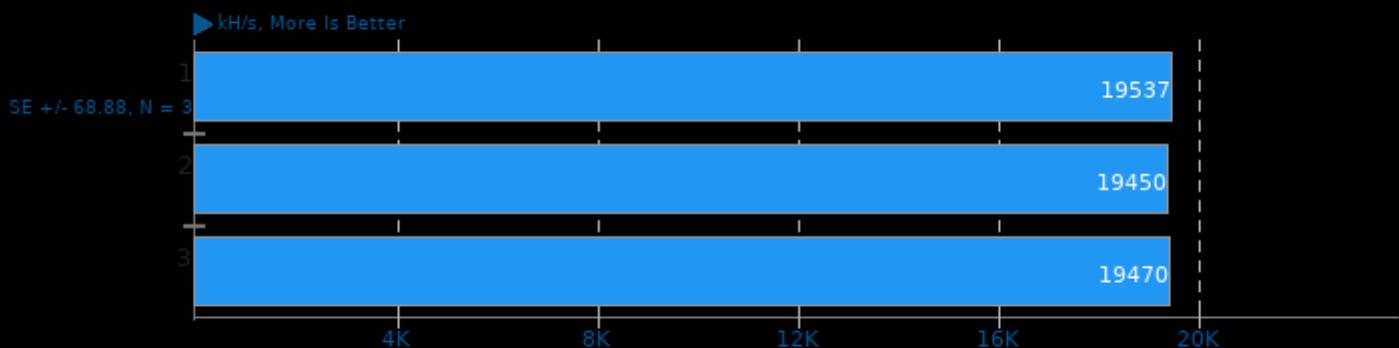
Algorithm: Myriad-Groestl



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

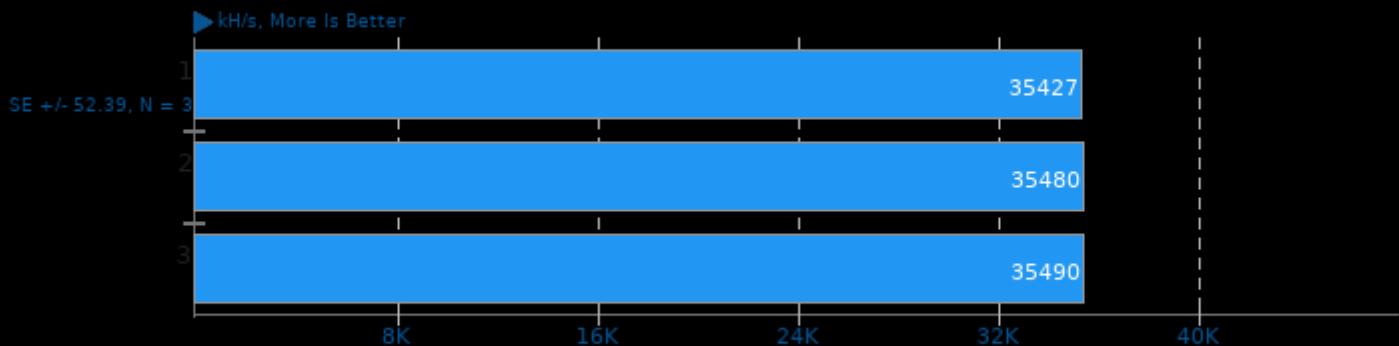
Algorithm: LBC, LBRY Credits



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

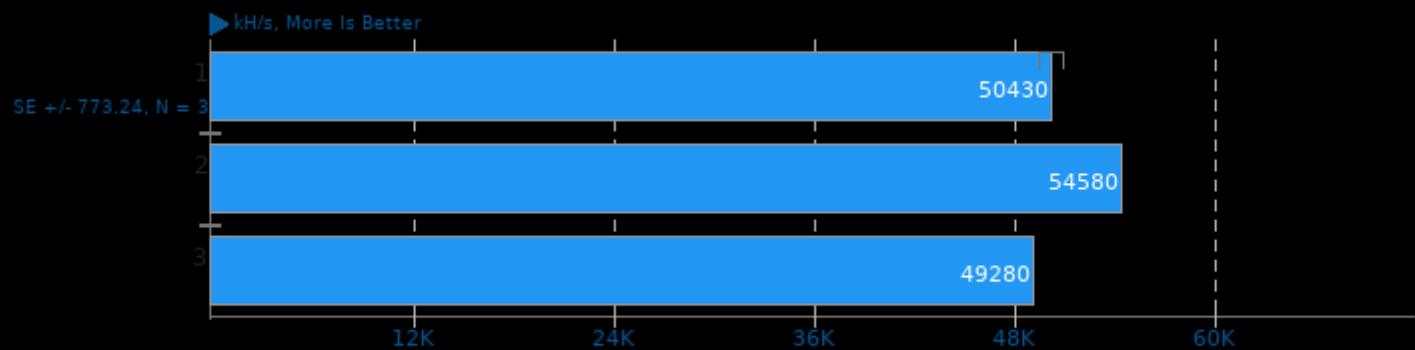
Algorithm: Quad SHA-256, Pyrite



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

Cpuminer-Opt 3.18

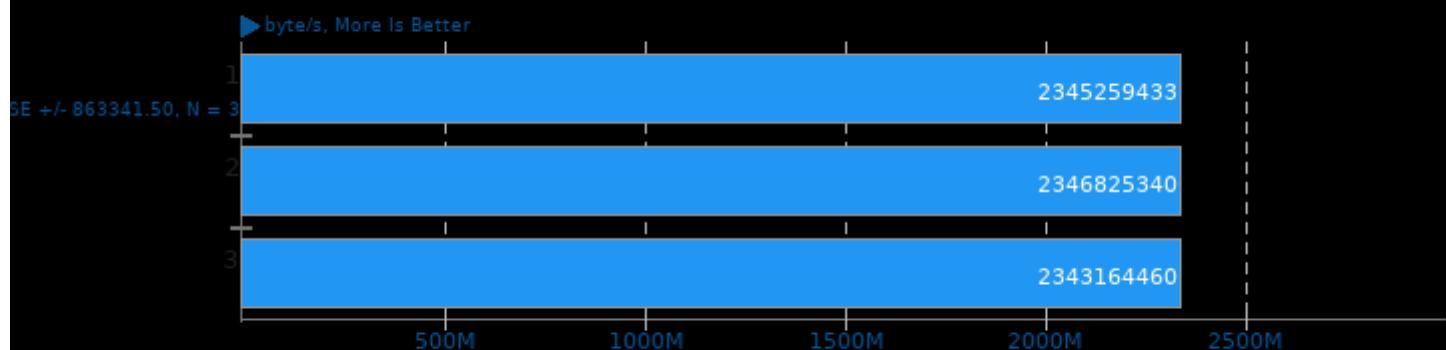
Algorithm: Triple SHA-256, Onecoin



1. (CXX) g++ options: -O2 -lcurl -lz -lpthread -lssl -lcrypto -lgmp

OpenSSL 3.0

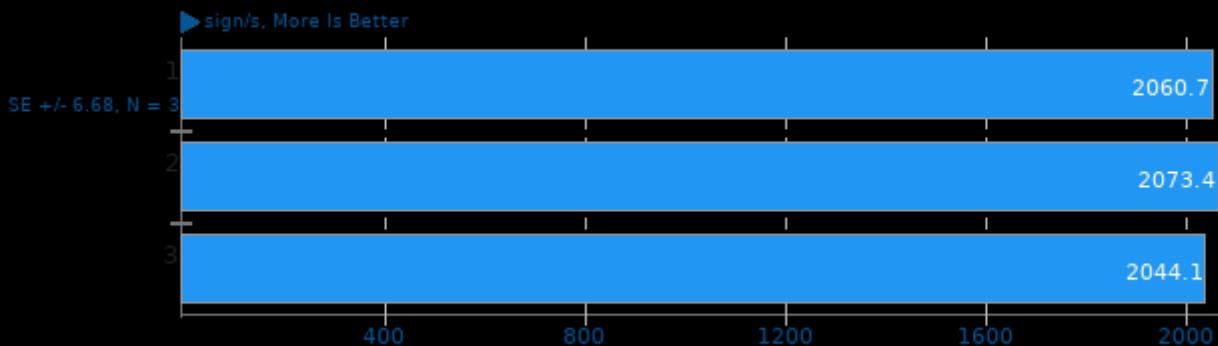
Algorithm: SHA256



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

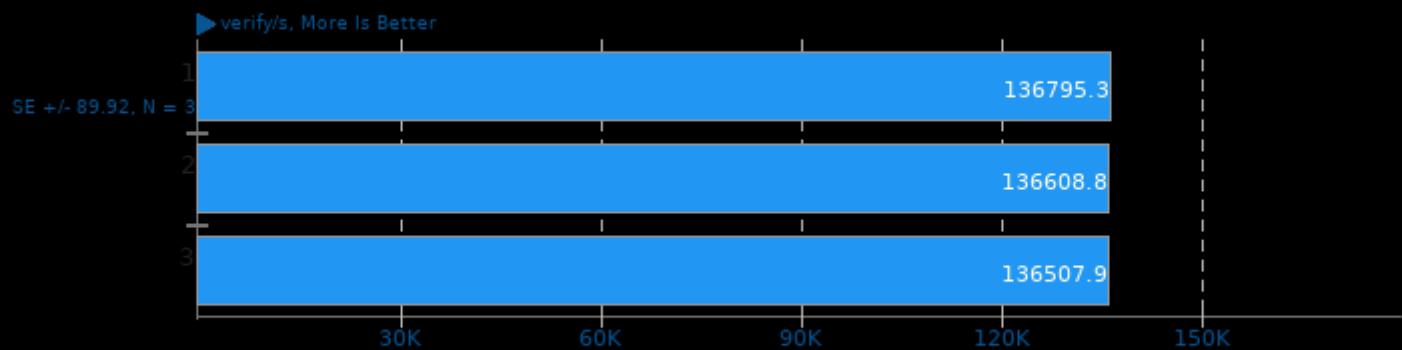
Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

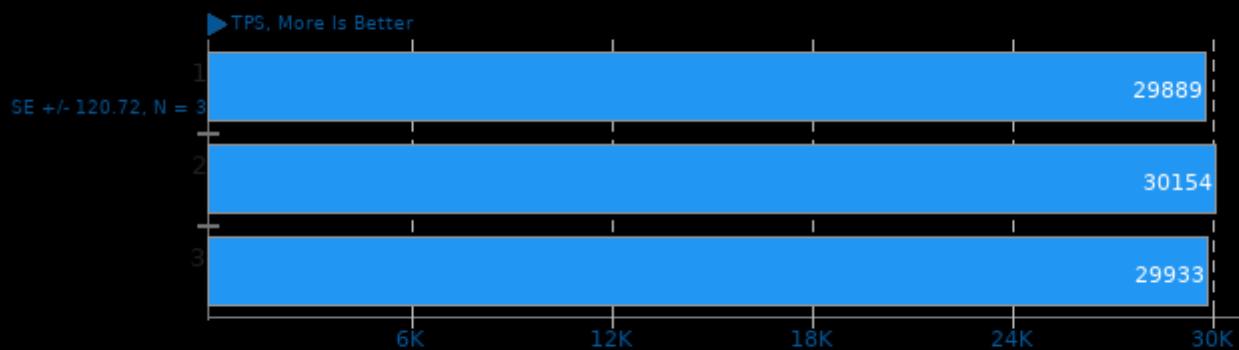
Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

PostgreSQL pgbench 14.0

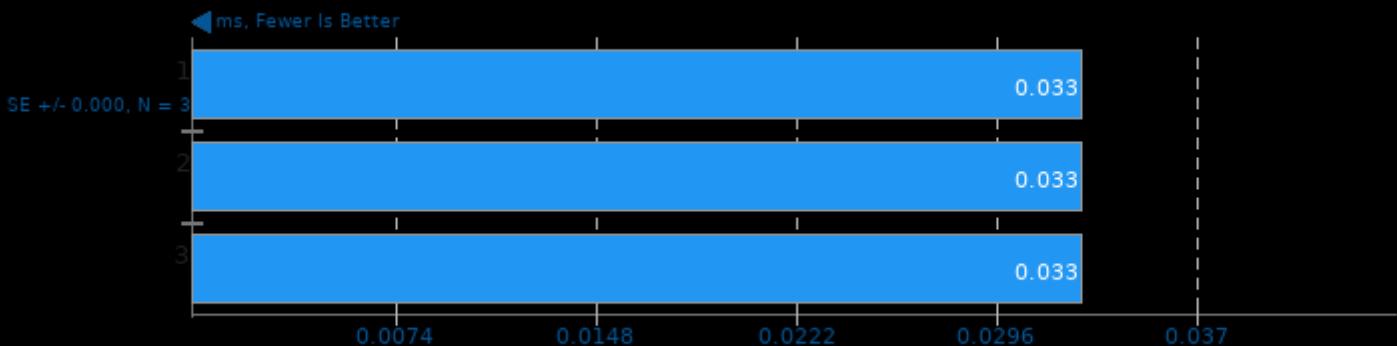
Scaling Factor: 1 - Clients: 1 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

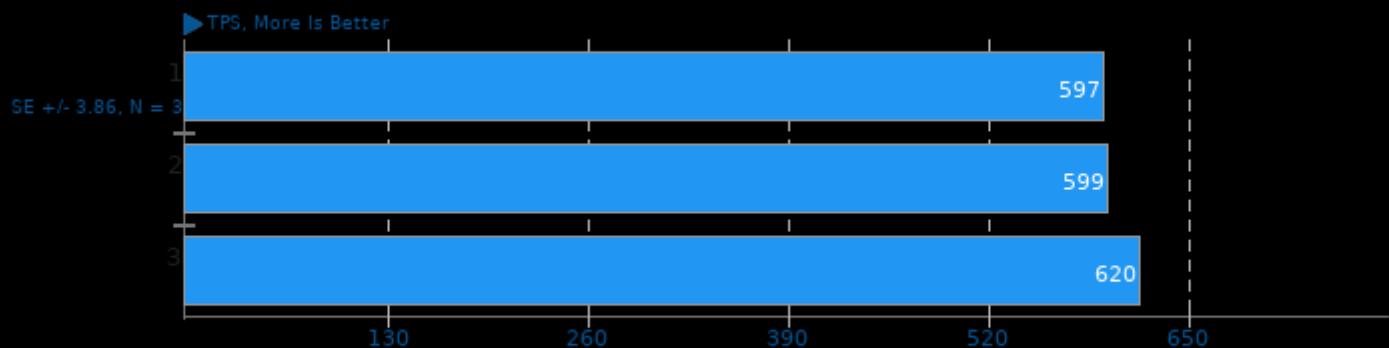
Scaling Factor: 1 - Clients: 1 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

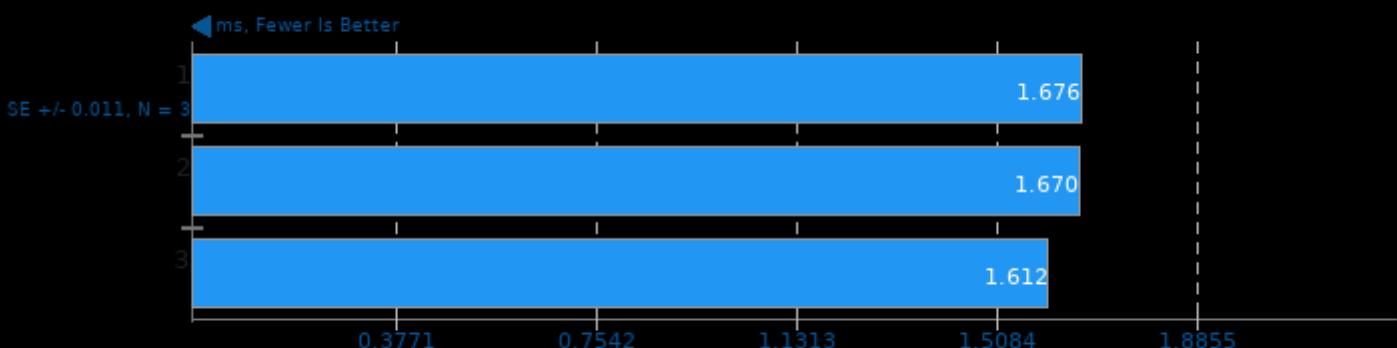
Scaling Factor: 1 - Clients: 1 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

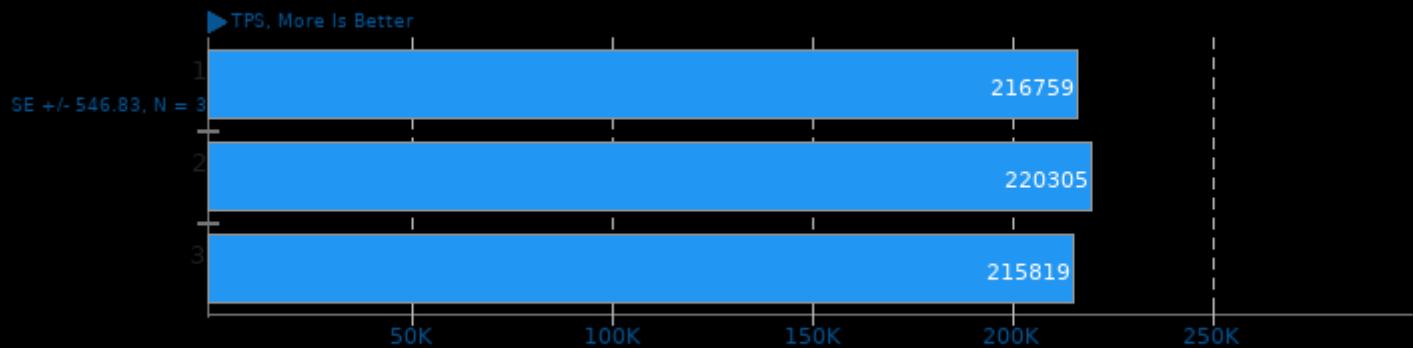
Scaling Factor: 1 - Clients: 1 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

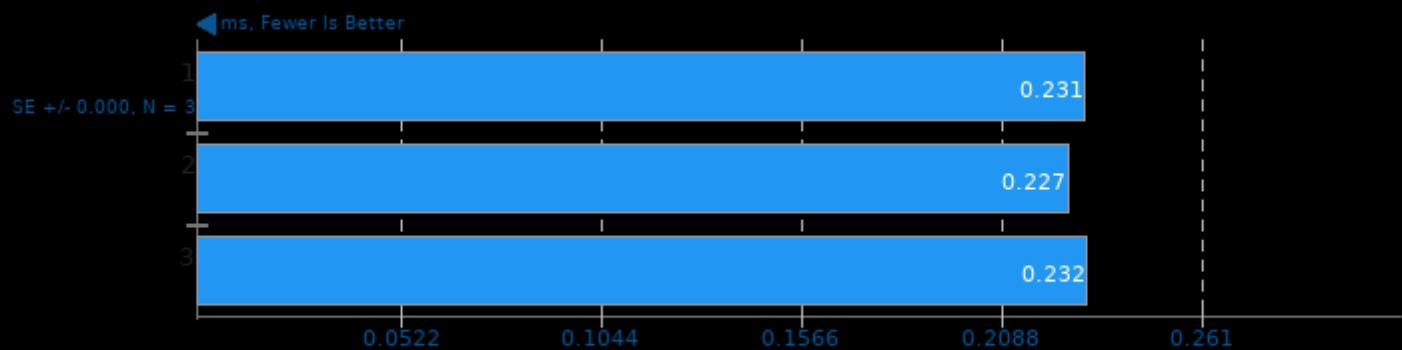
Scaling Factor: 1 - Clients: 50 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

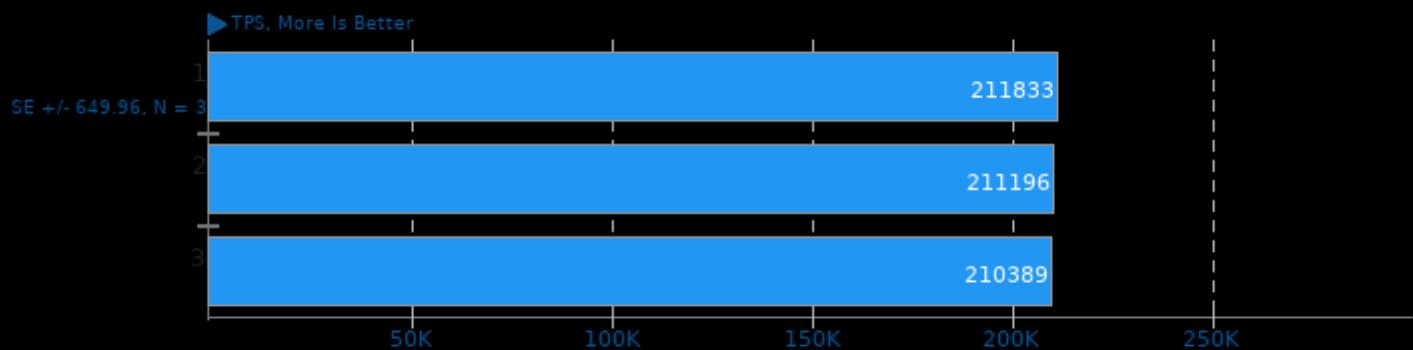
Scaling Factor: 1 - Clients: 50 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

Scaling Factor: 1 - Clients: 100 - Mode: Read Only

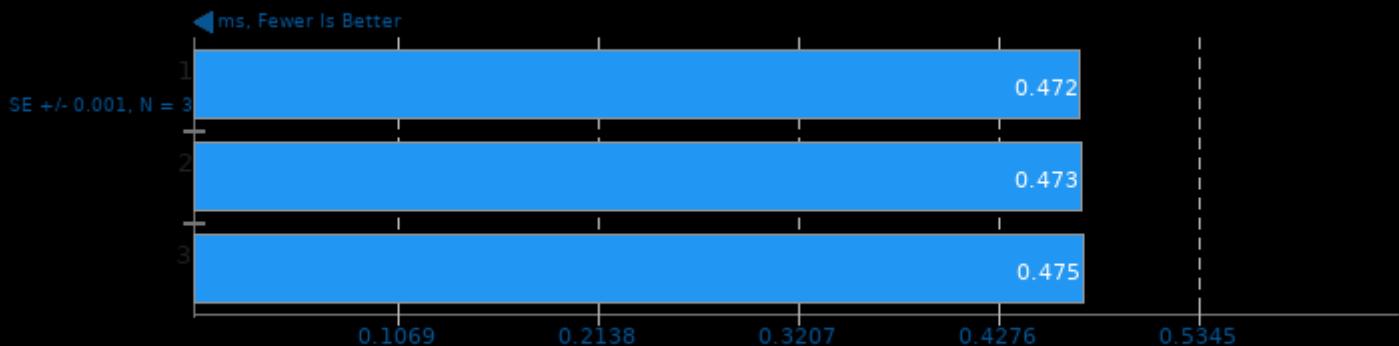


1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

10600k okt

PostgreSQL pgbench 14.0

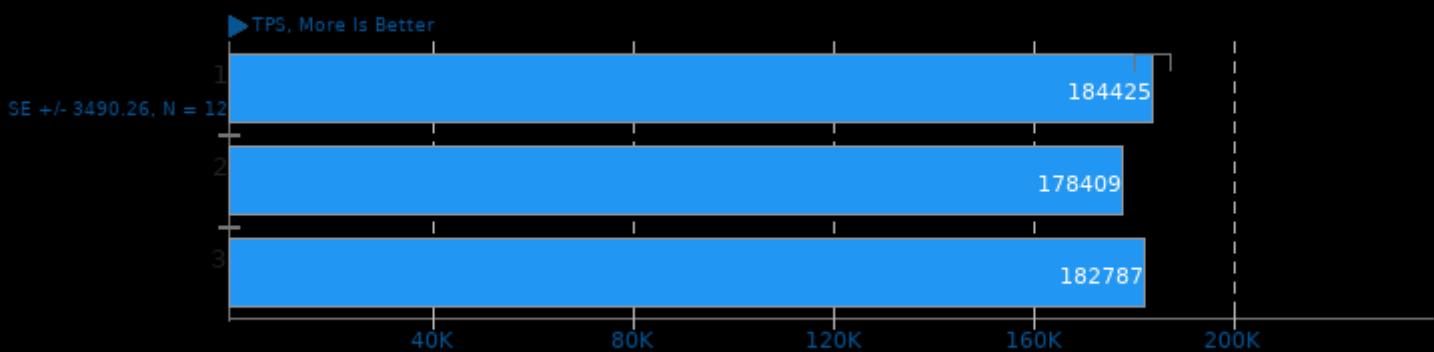
Scaling Factor: 1 - Clients: 100 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

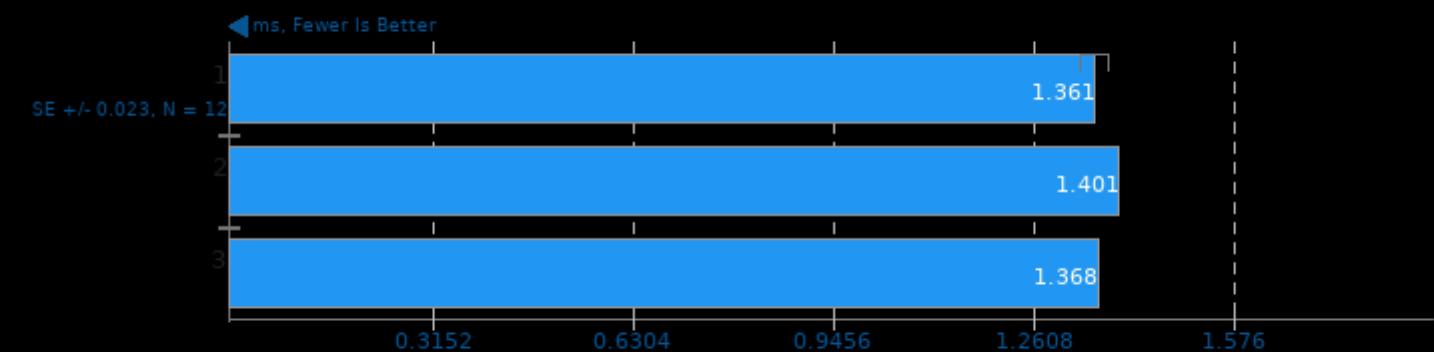
Scaling Factor: 1 - Clients: 250 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

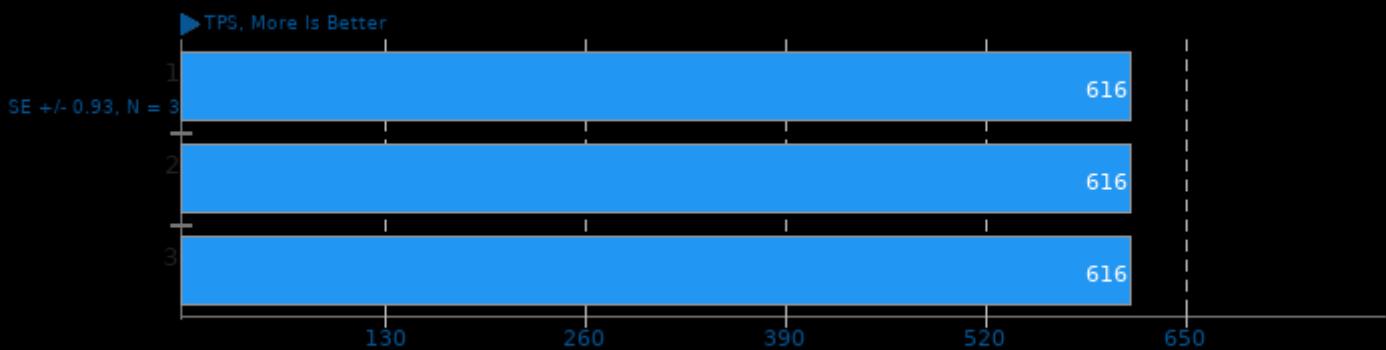
Scaling Factor: 1 - Clients: 250 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

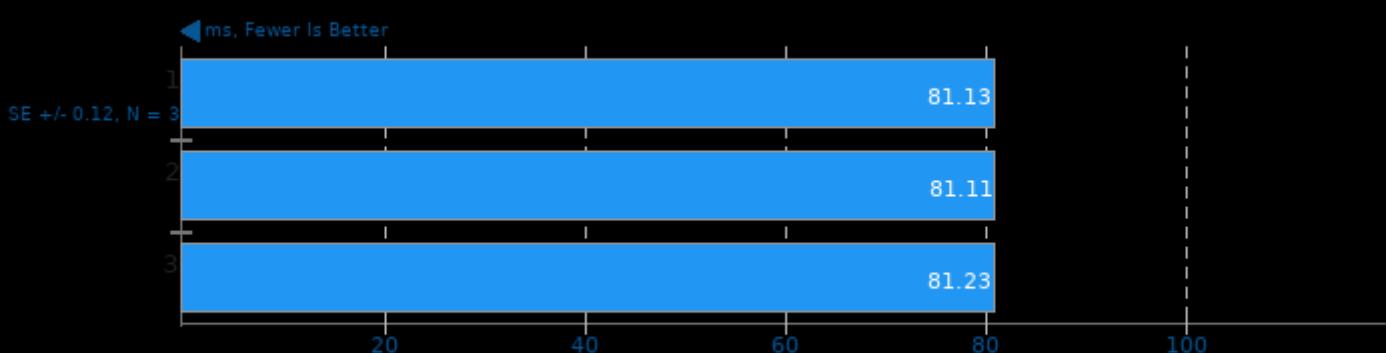
PostgreSQL pgbench 14.0

Scaling Factor: 1 - Clients: 50 - Mode: Read Write



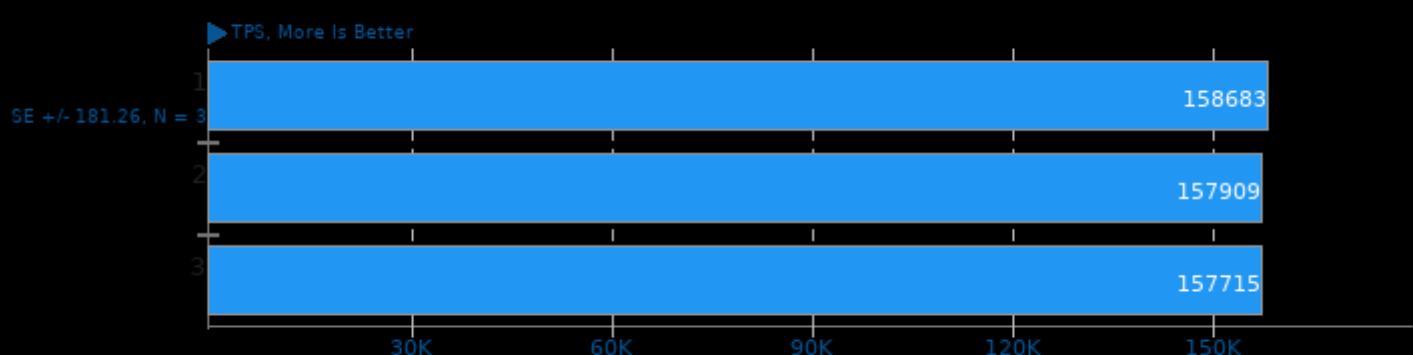
PostgreSQL pgbench 14.0

Scaling Factor: 1 - Clients: 50 - Mode: Read Write - Average Latency



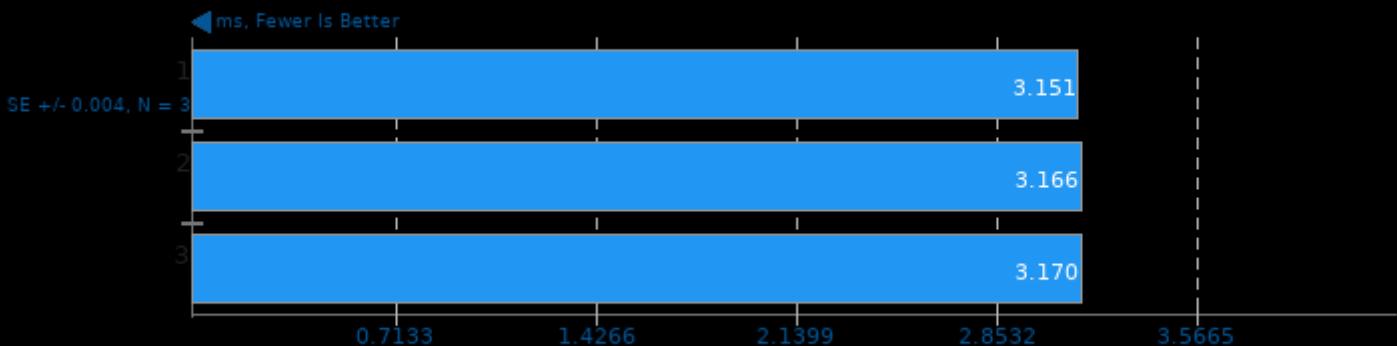
PostgreSQL pgbench 14.0

Scaling Factor: 1 - Clients: 500 - Mode: Read Only



PostgreSQL pgbench 14.0

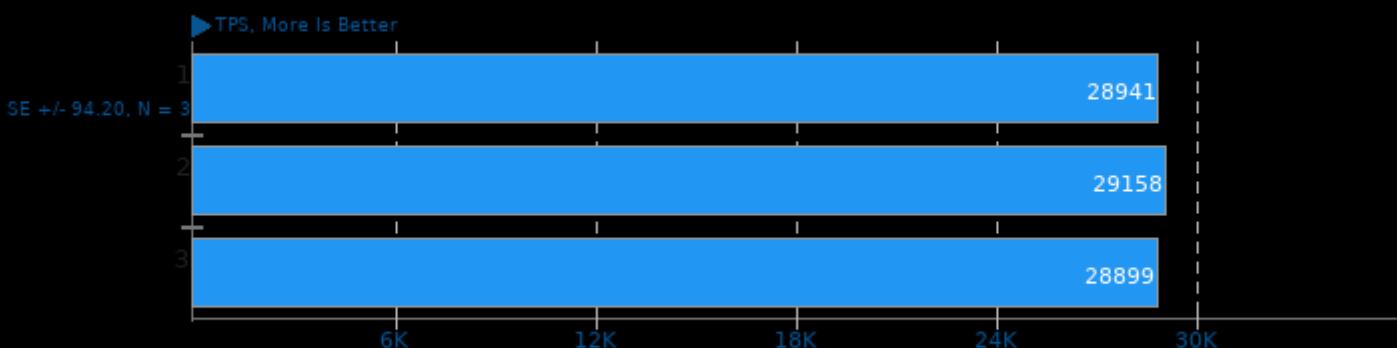
Scaling Factor: 1 - Clients: 500 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

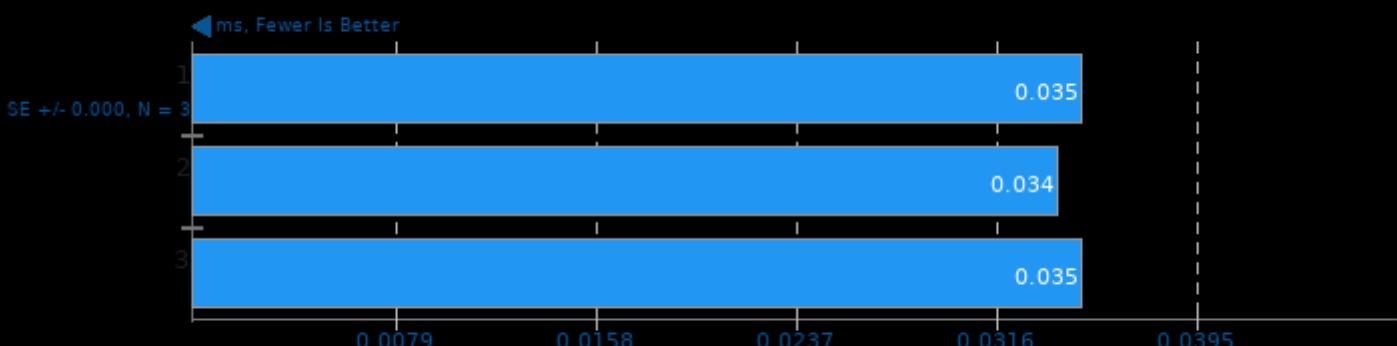
Scaling Factor: 100 - Clients: 1 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

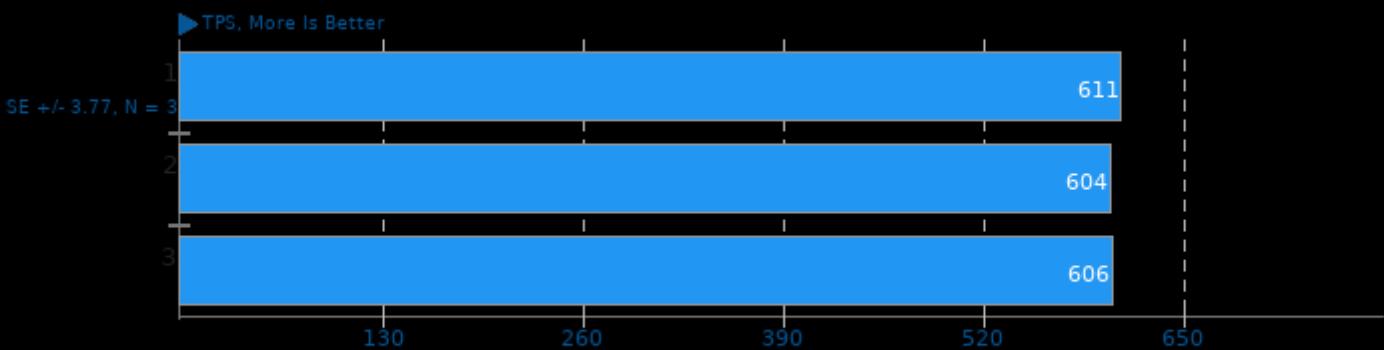
Scaling Factor: 100 - Clients: 1 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

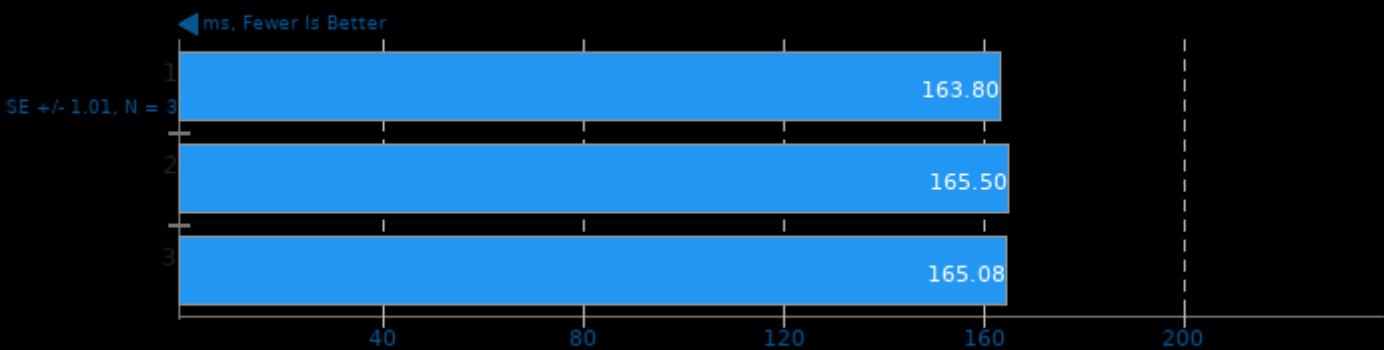
Scaling Factor: 1 - Clients: 100 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

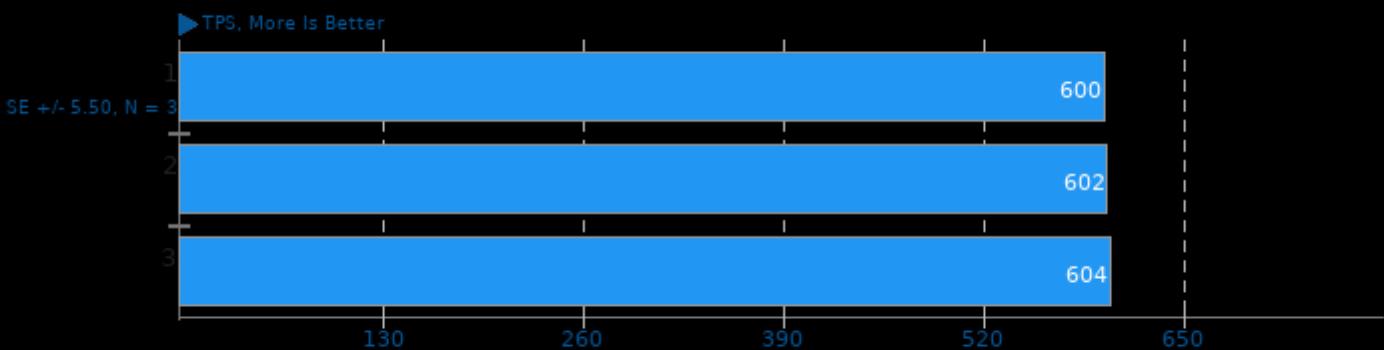
Scaling Factor: 1 - Clients: 100 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

Scaling Factor: 1 - Clients: 250 - Mode: Read Write

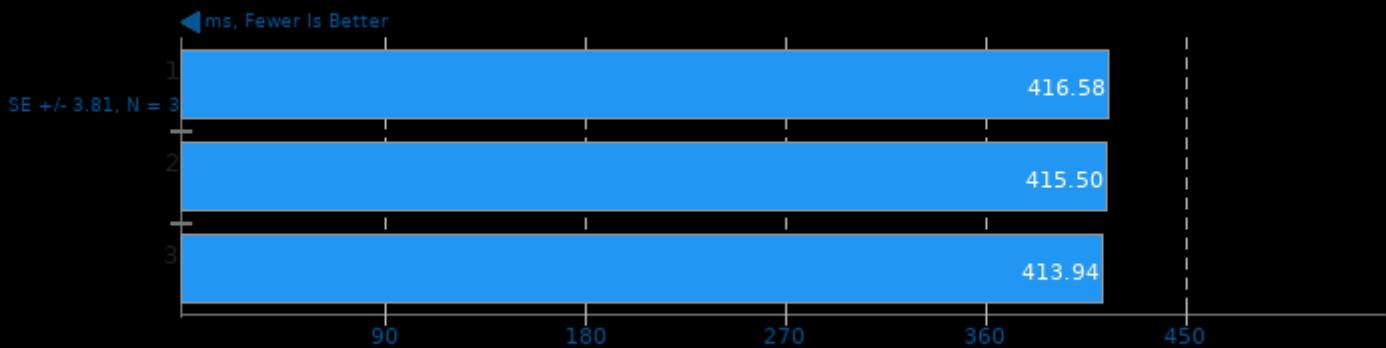


1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

10600k okt

PostgreSQL pgbench 14.0

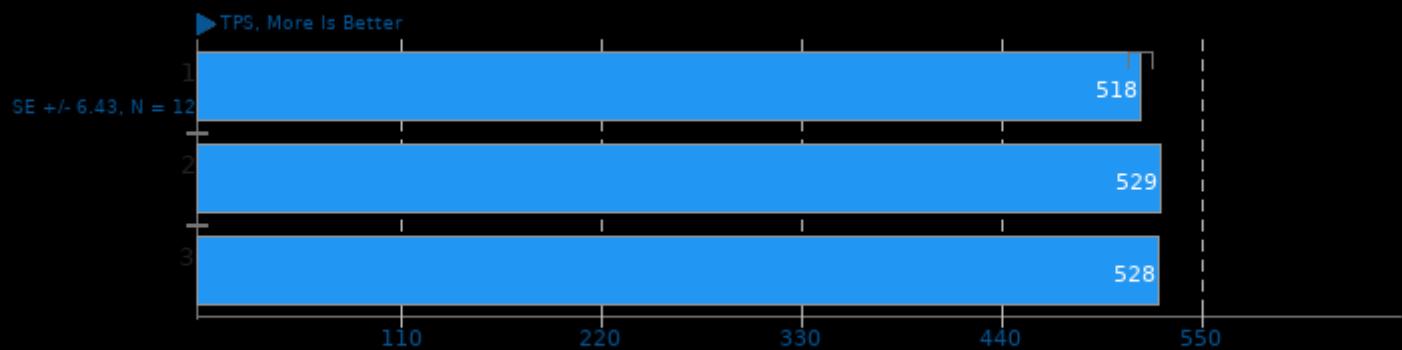
Scaling Factor: 1 - Clients: 250 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

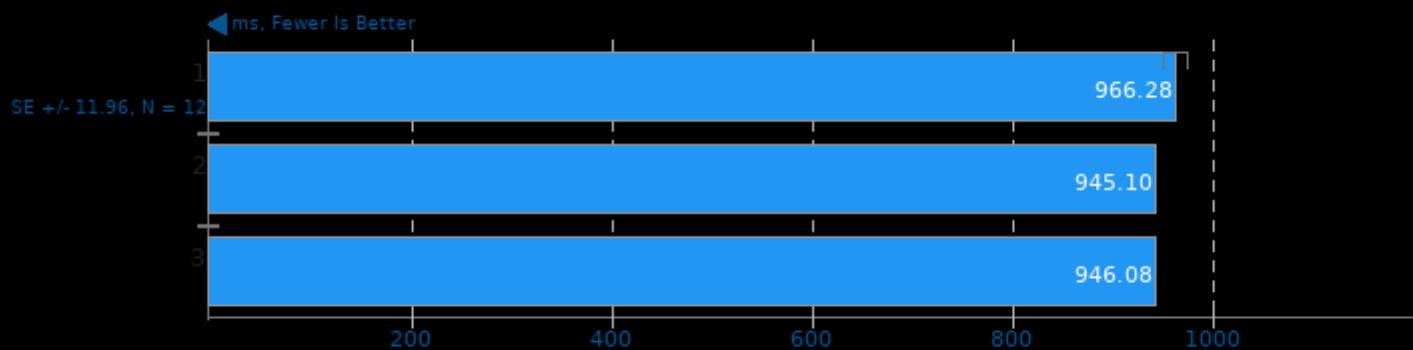
Scaling Factor: 1 - Clients: 500 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

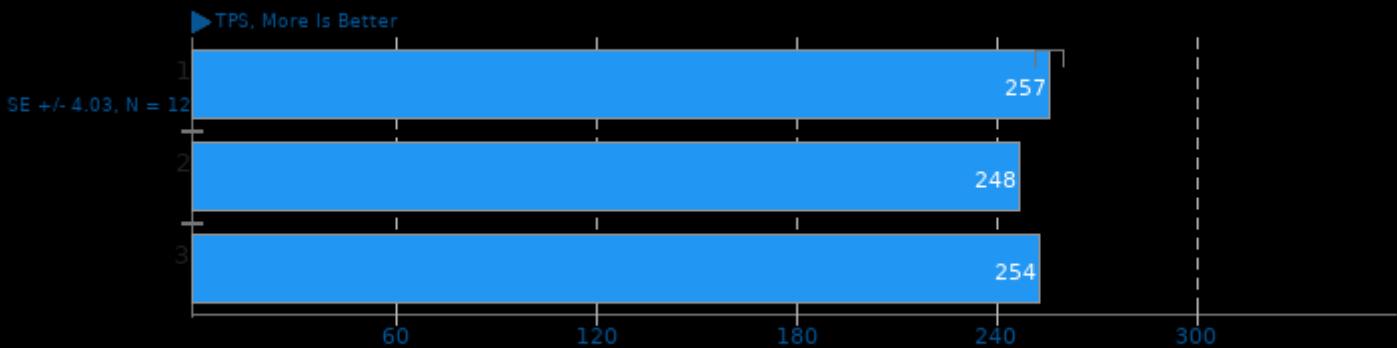
Scaling Factor: 1 - Clients: 500 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

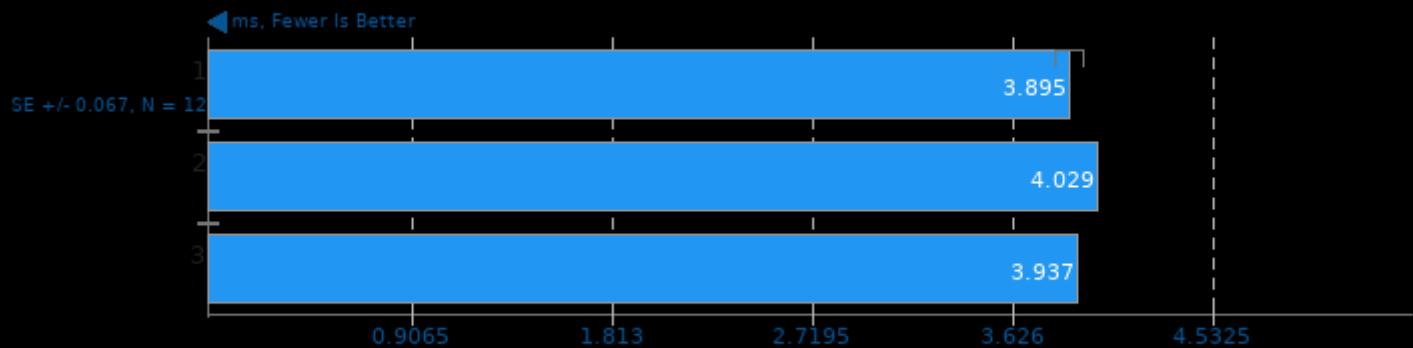
Scaling Factor: 100 - Clients: 1 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

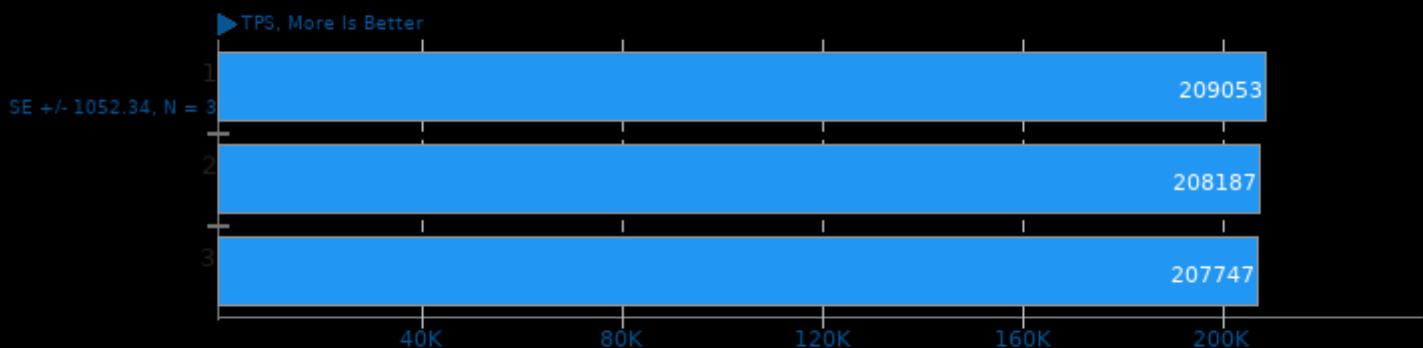
Scaling Factor: 100 - Clients: 1 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

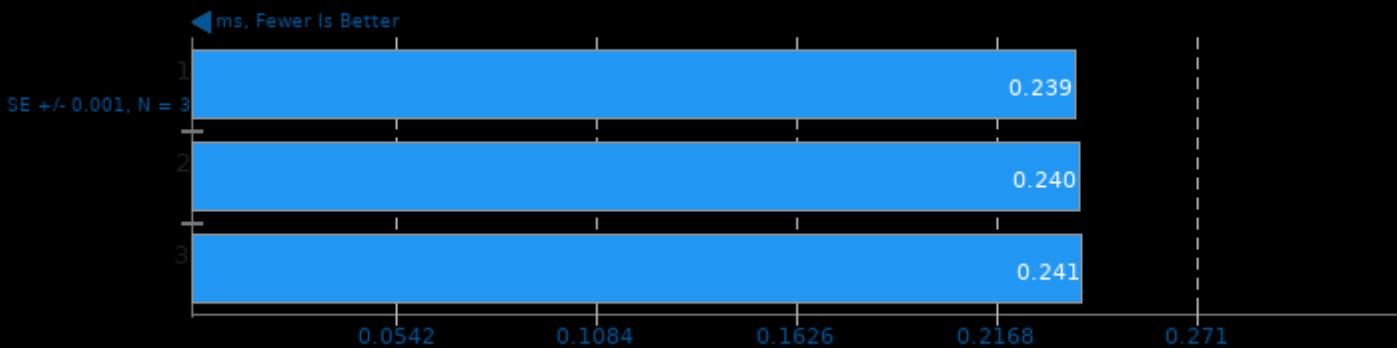
Scaling Factor: 100 - Clients: 50 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

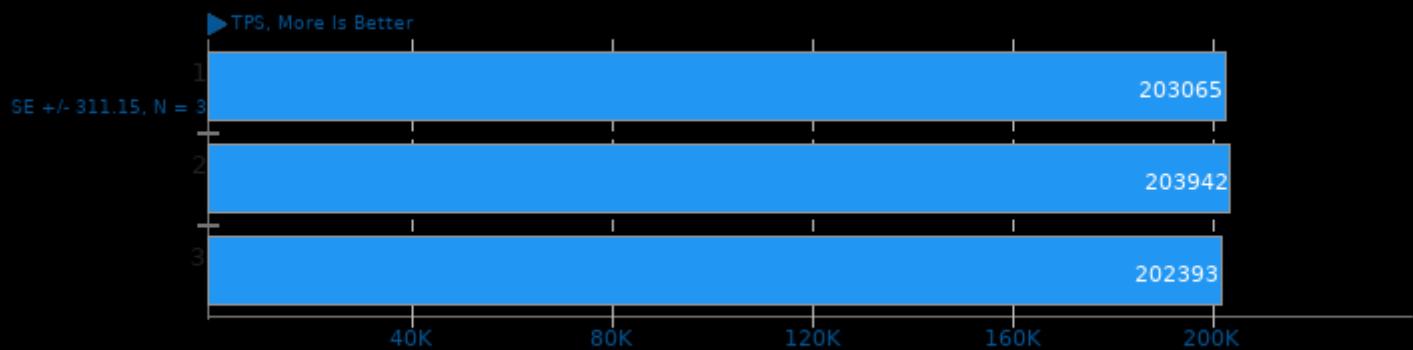
Scaling Factor: 100 - Clients: 50 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

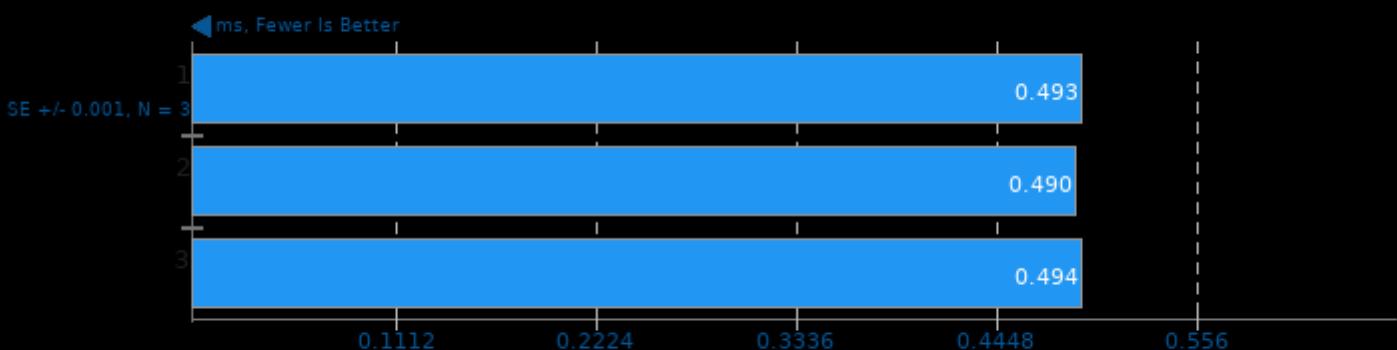
Scaling Factor: 100 - Clients: 100 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

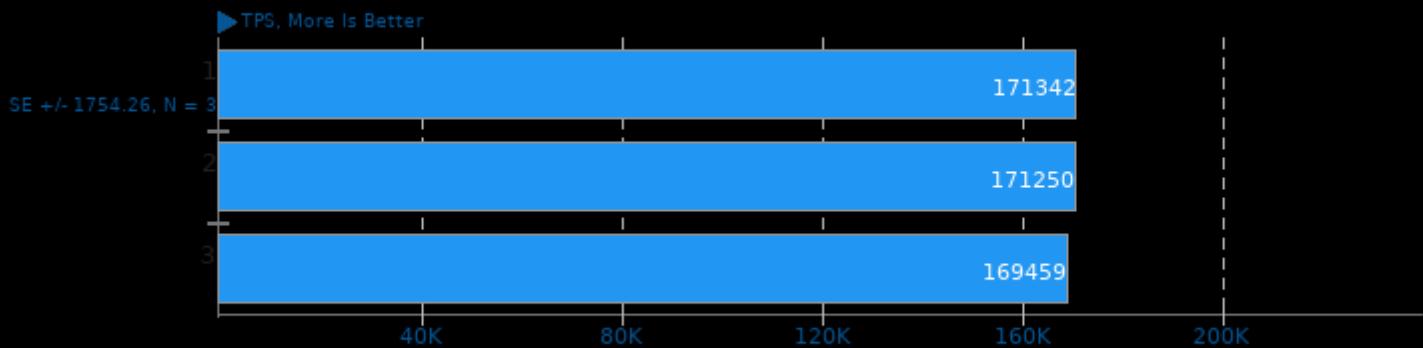
Scaling Factor: 100 - Clients: 100 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -lpthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

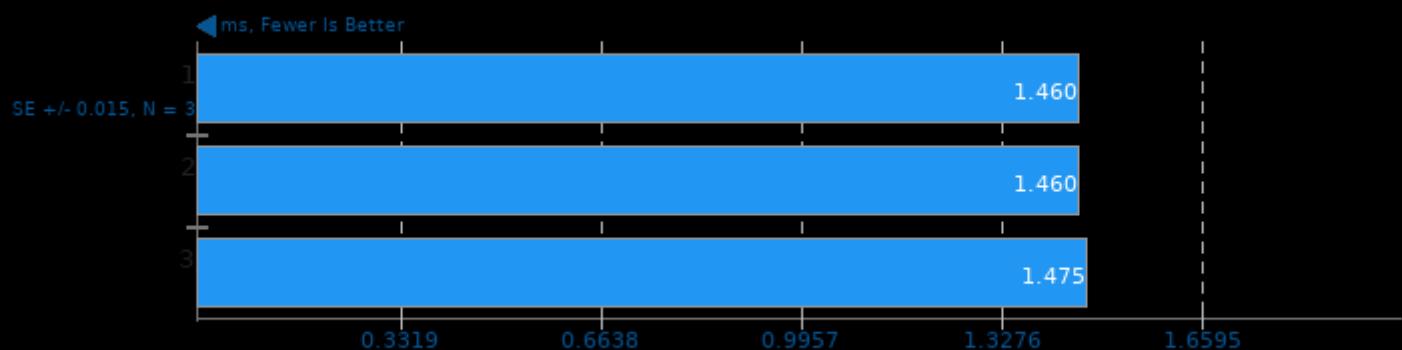
Scaling Factor: 100 - Clients: 250 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

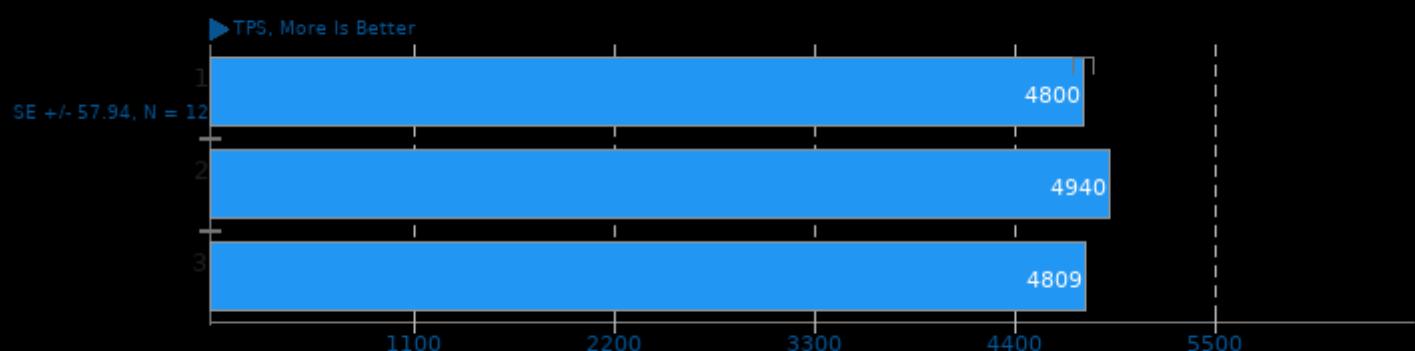
Scaling Factor: 100 - Clients: 250 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

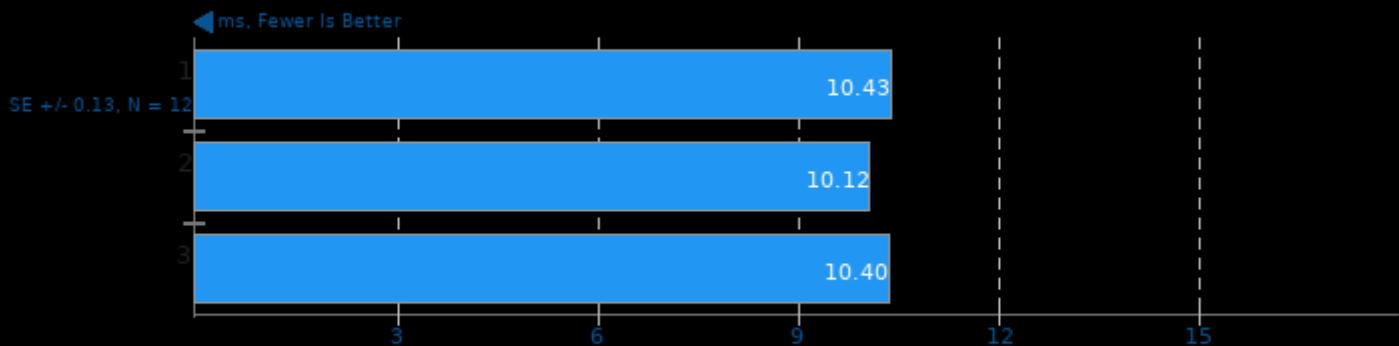
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

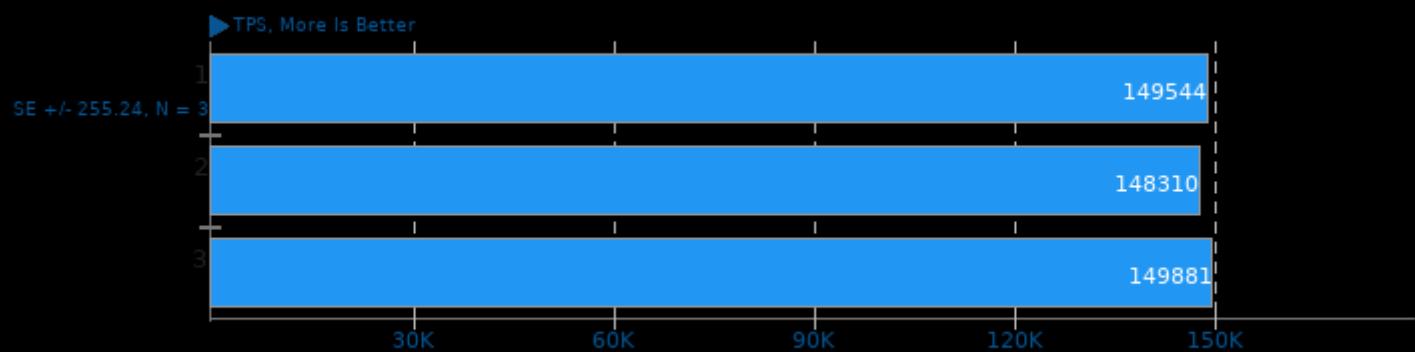
Scaling Factor: 100 - Clients: 50 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

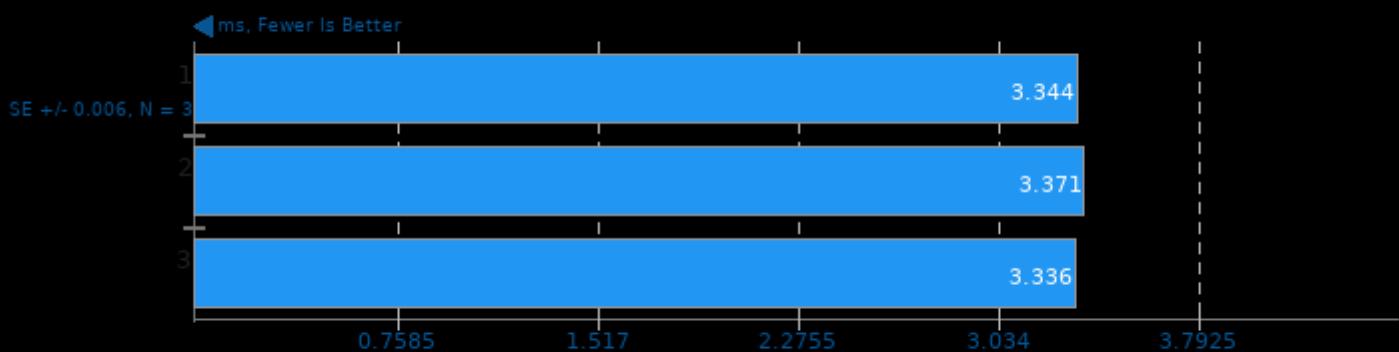
Scaling Factor: 100 - Clients: 500 - Mode: Read Only



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

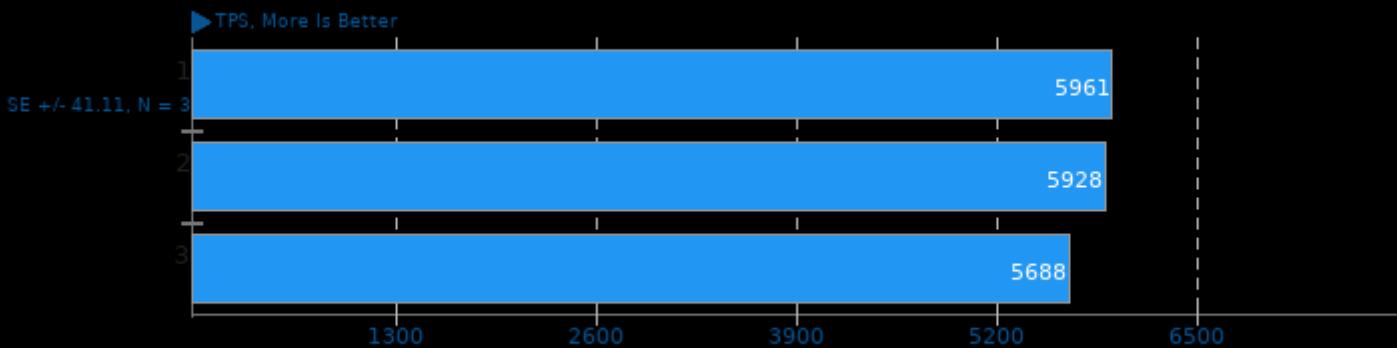
Scaling Factor: 100 - Clients: 500 - Mode: Read Only - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

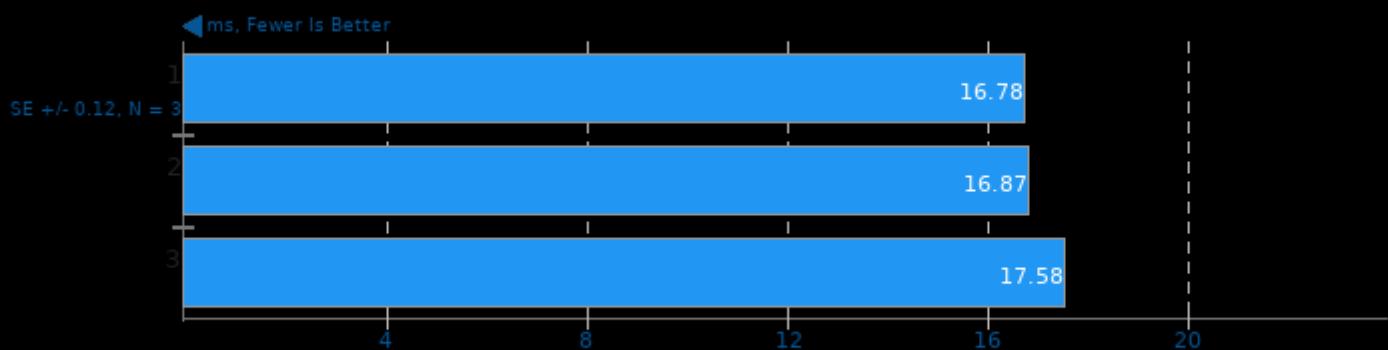
Scaling Factor: 100 - Clients: 100 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

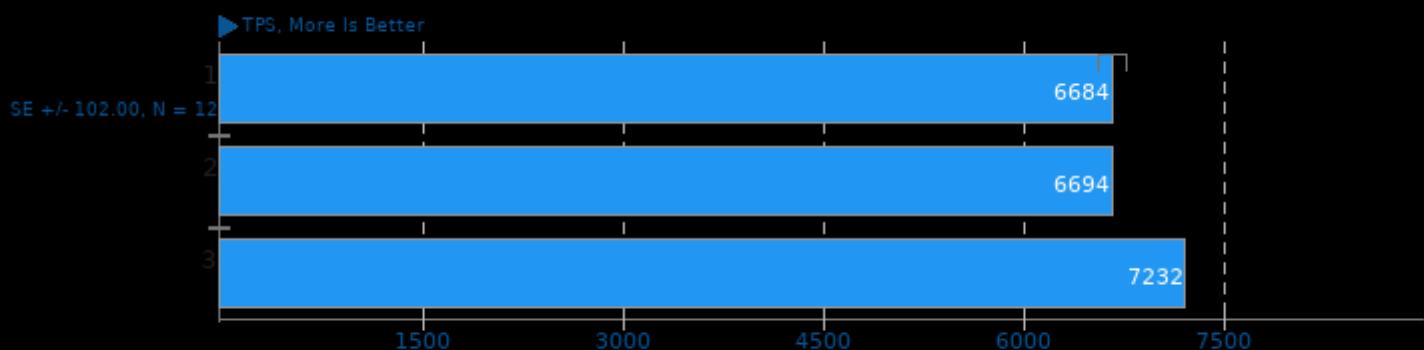
Scaling Factor: 100 - Clients: 100 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

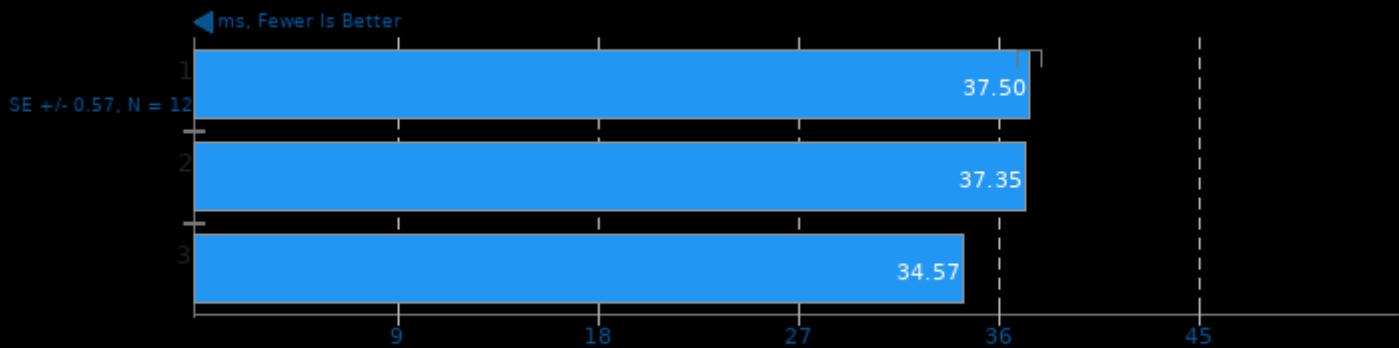
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

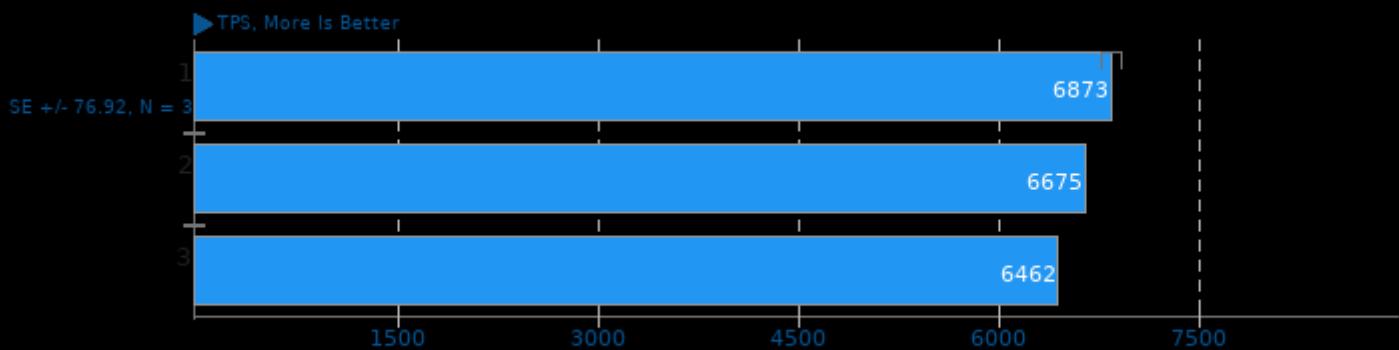
Scaling Factor: 100 - Clients: 250 - Mode: Read Write - Average Latency



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

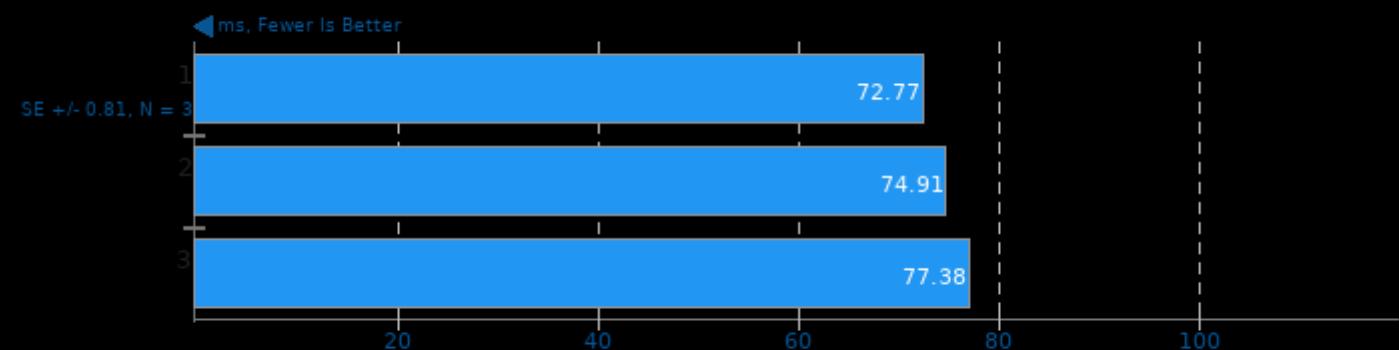
Scaling Factor: 100 - Clients: 500 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL pgbench 14.0

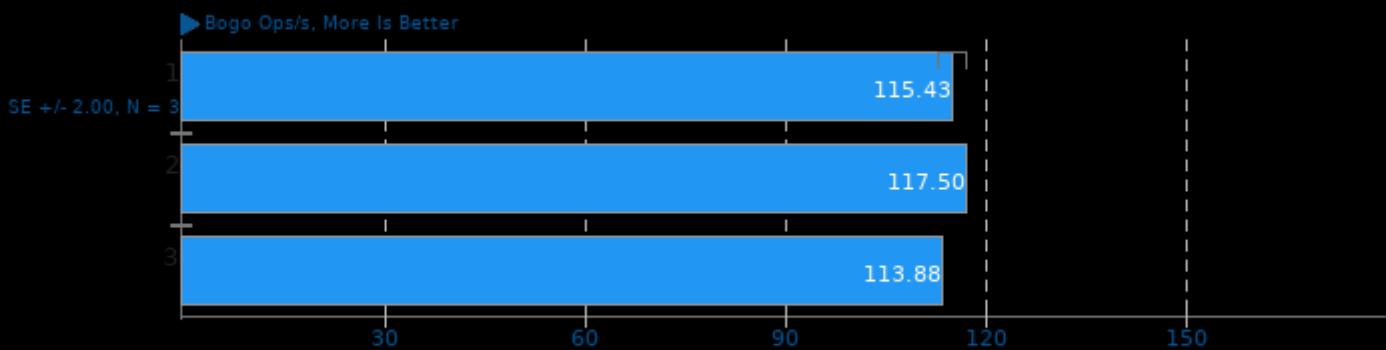
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

Stress-NG 0.13.02

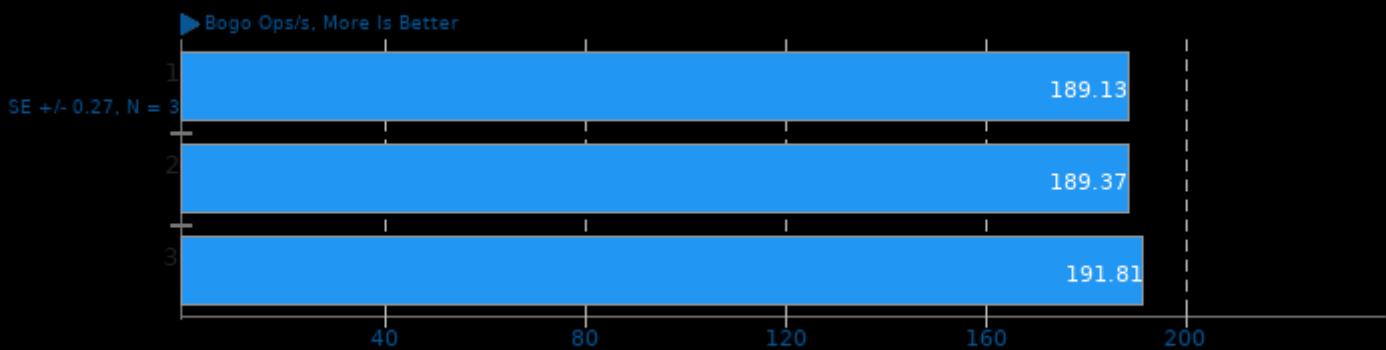
Test: MMAP



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

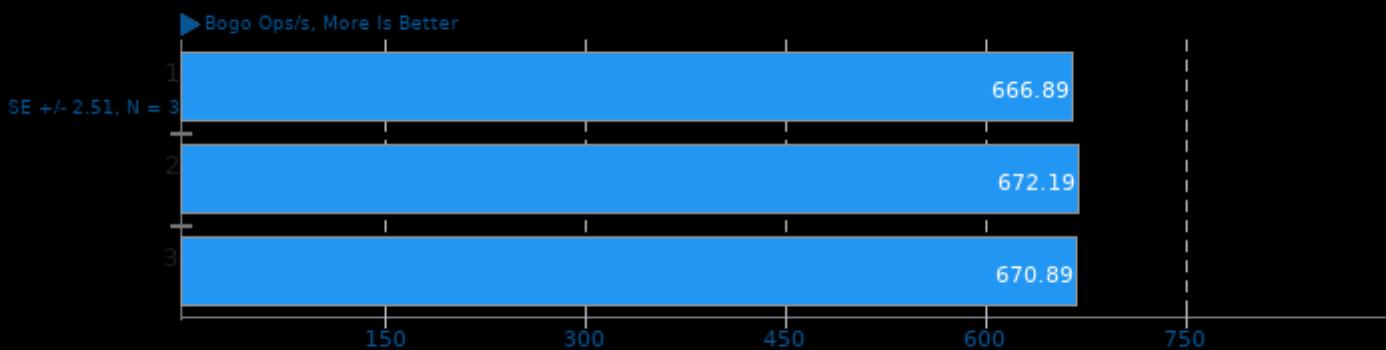
Test: NUMA



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

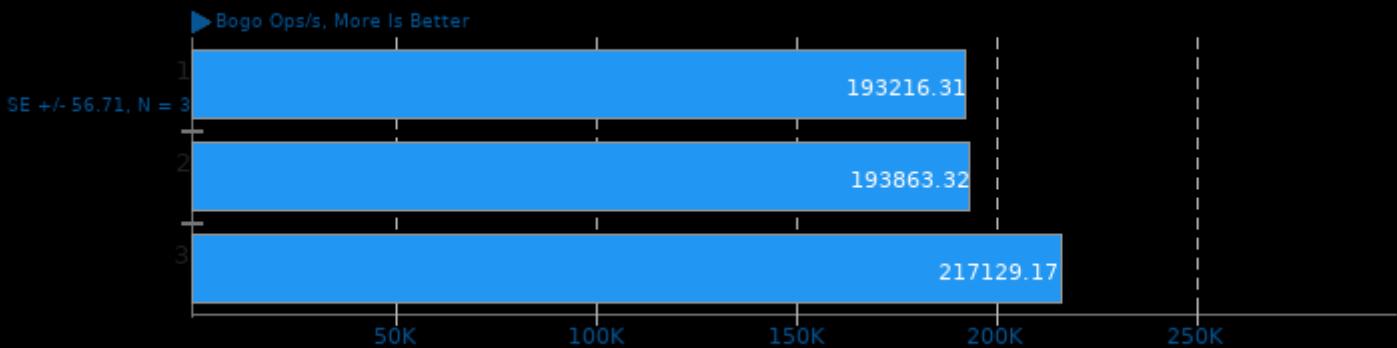
Test: MEMFD



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

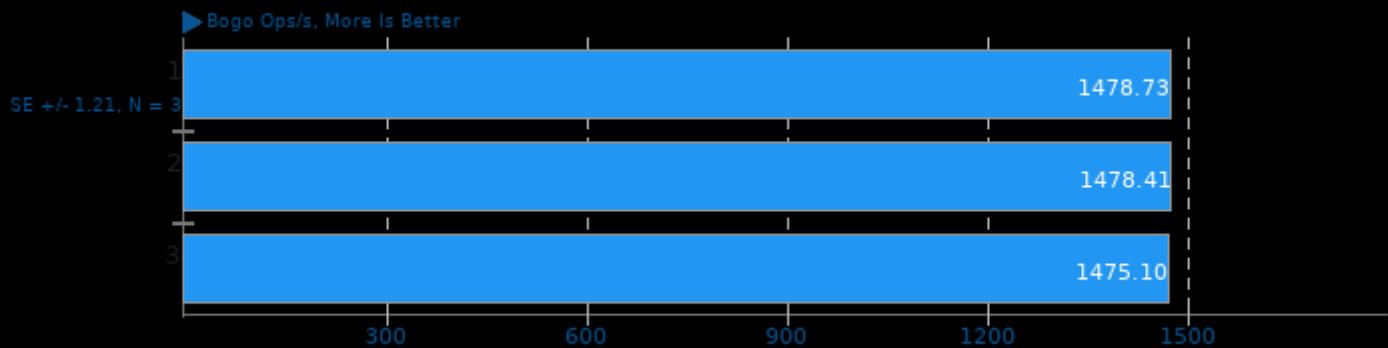
Test: Atomic



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

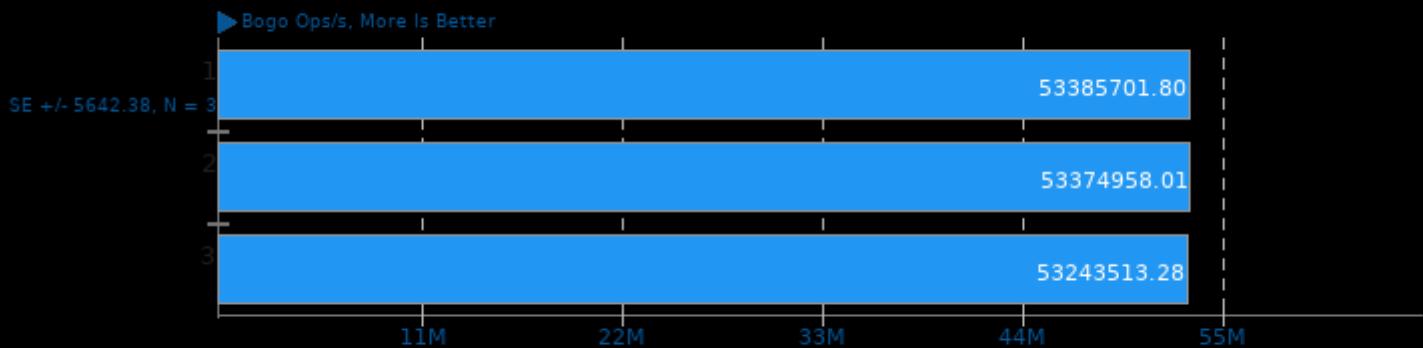
Test: Crypto



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

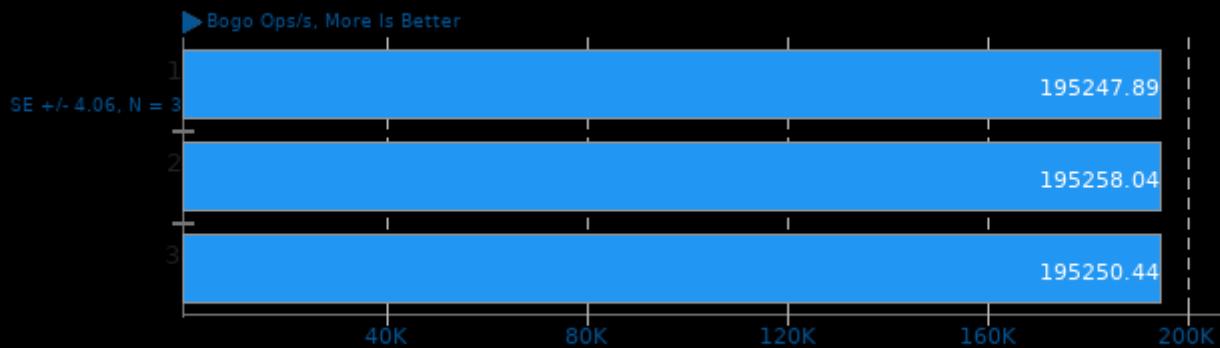
Test: Malloc



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

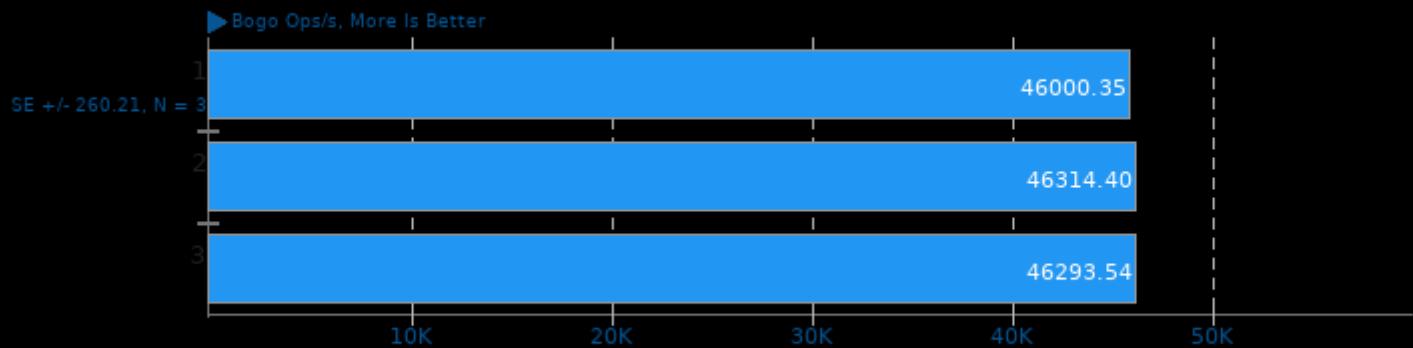
Test: RdRand



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

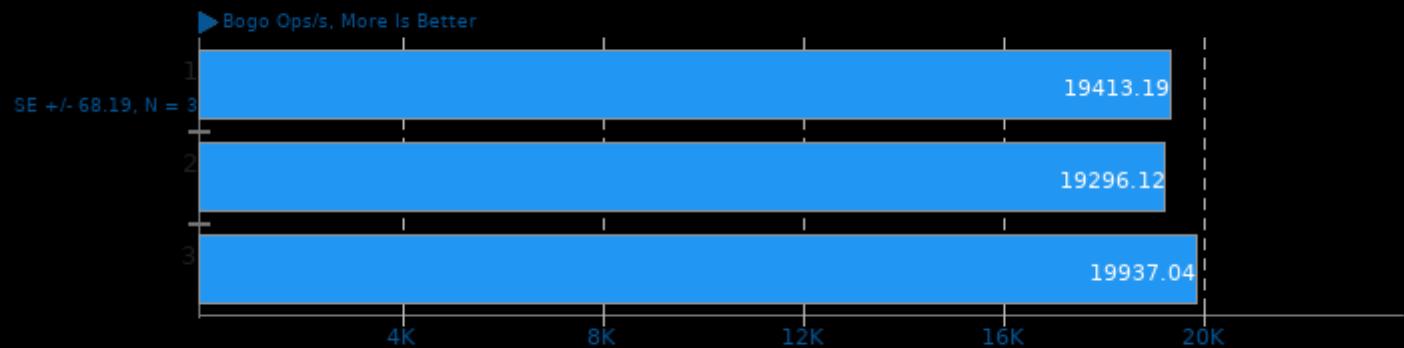
Test: Forking



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

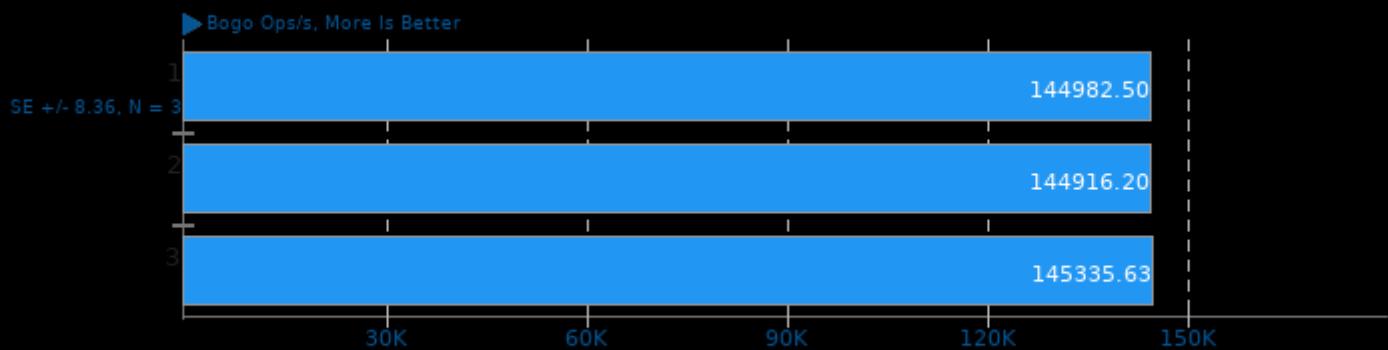
Test: IO_urinq



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

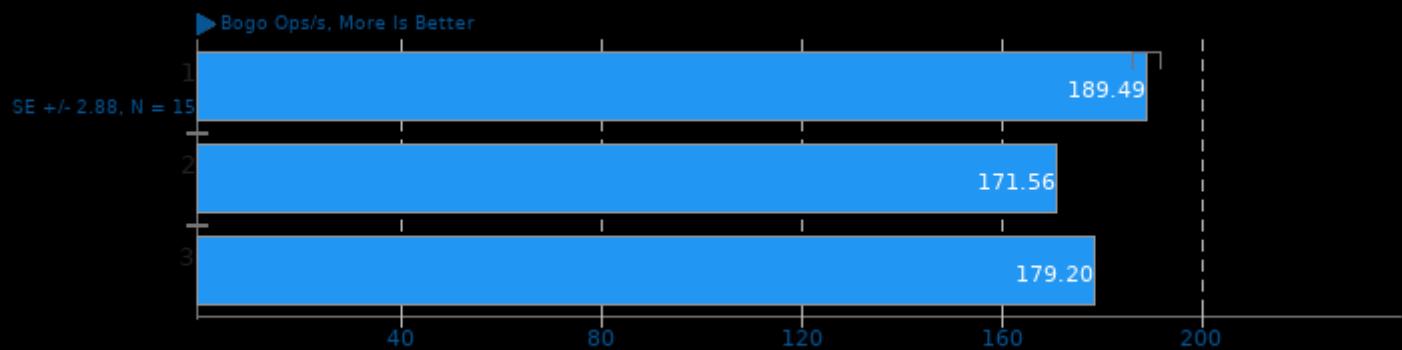
Test: SENDFILE



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

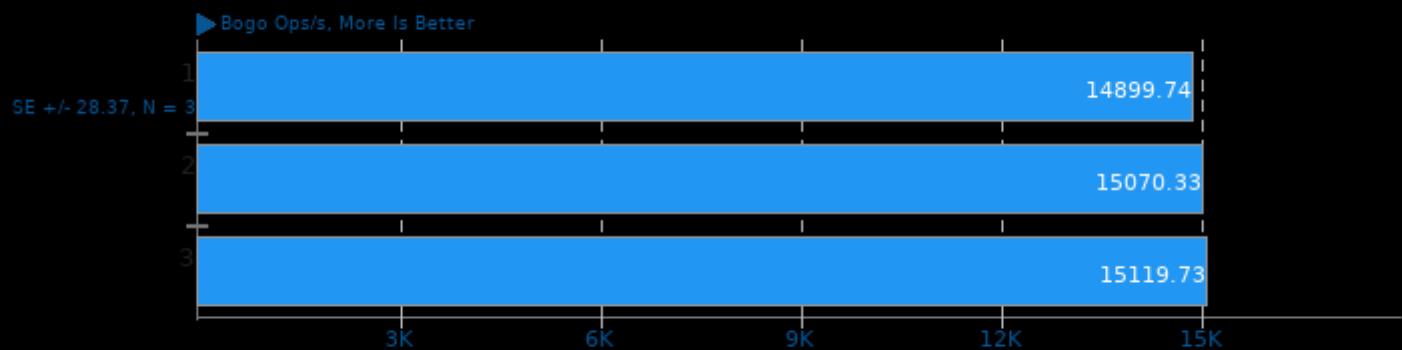
Test: CPU Cache



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

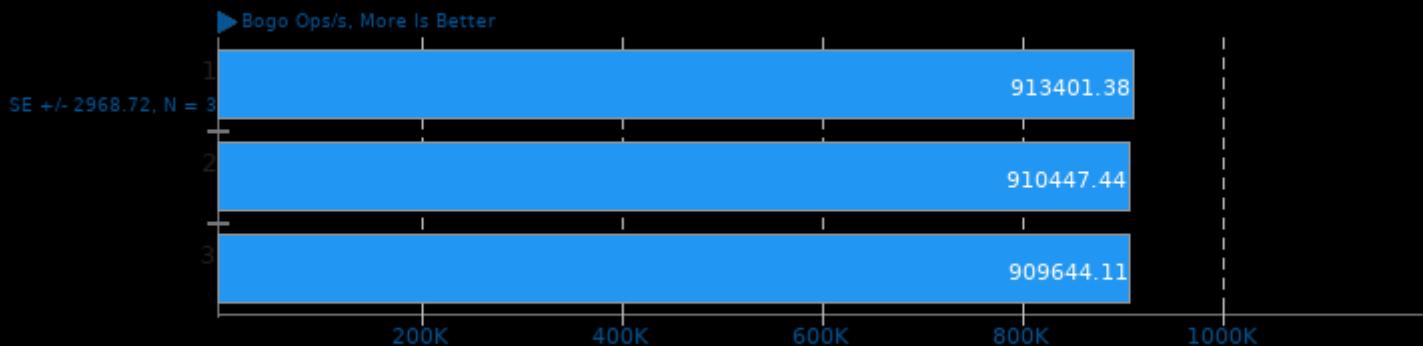
Test: CPU Stress



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

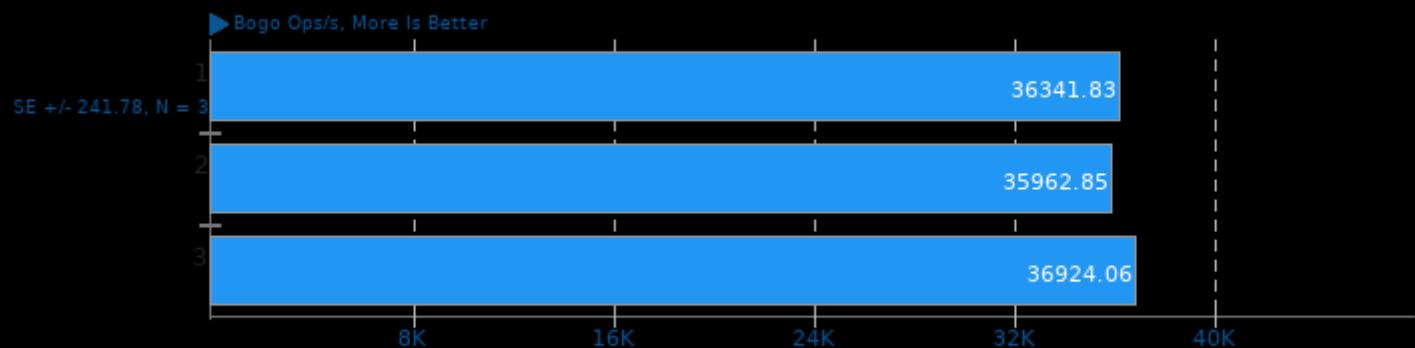
Test: Semaphores



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

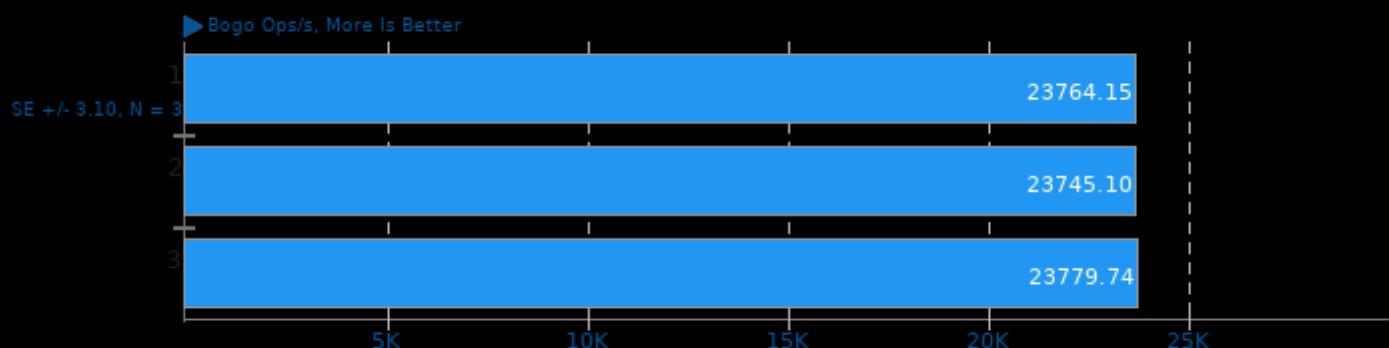
Test: Matrix Math



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

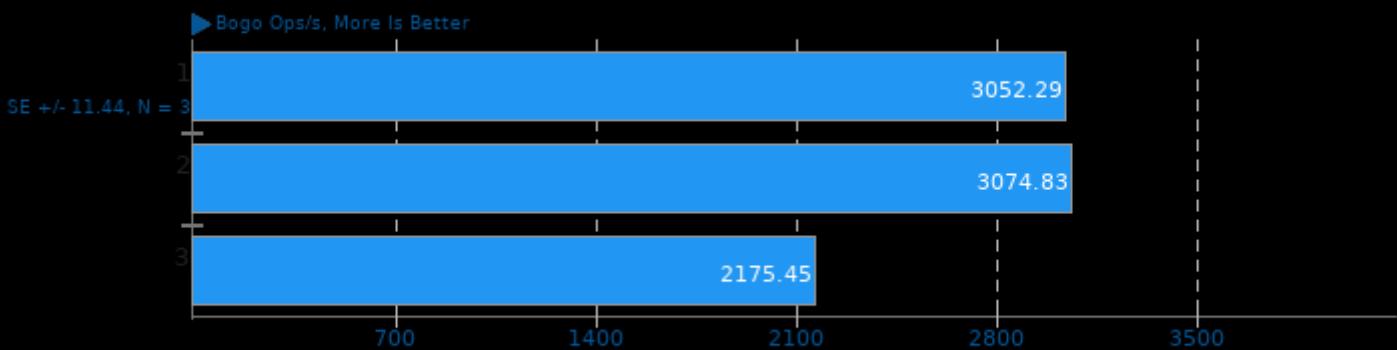
Test: Vector Math



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

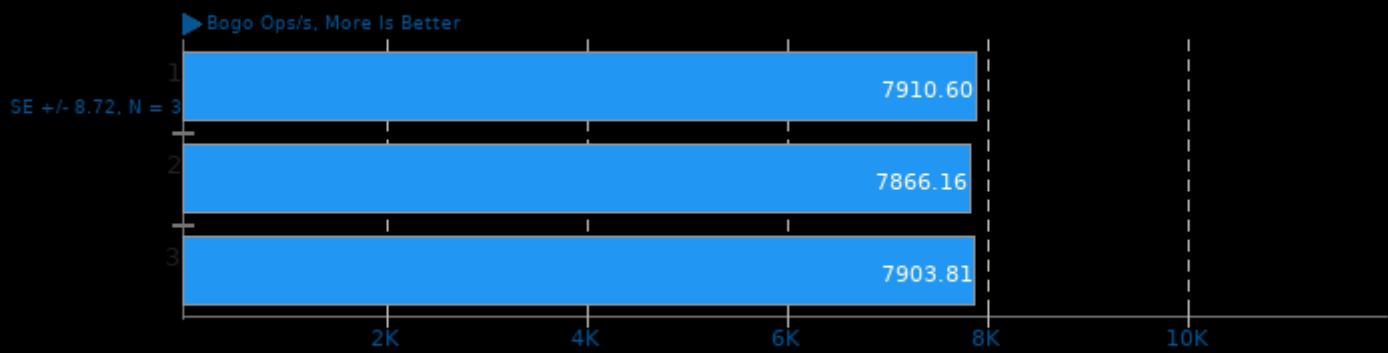
Test: Memory Copying



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

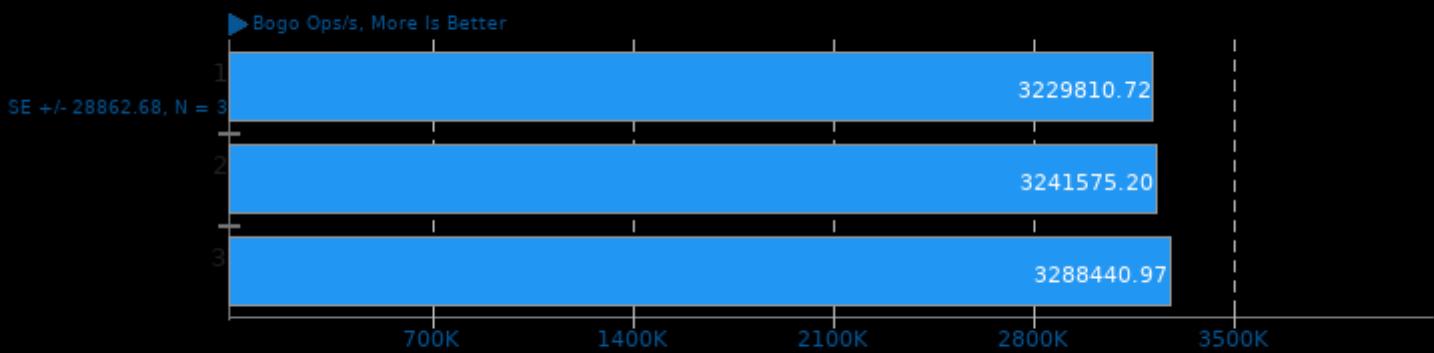
Test: Socket Activity



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

Test: Context Switching

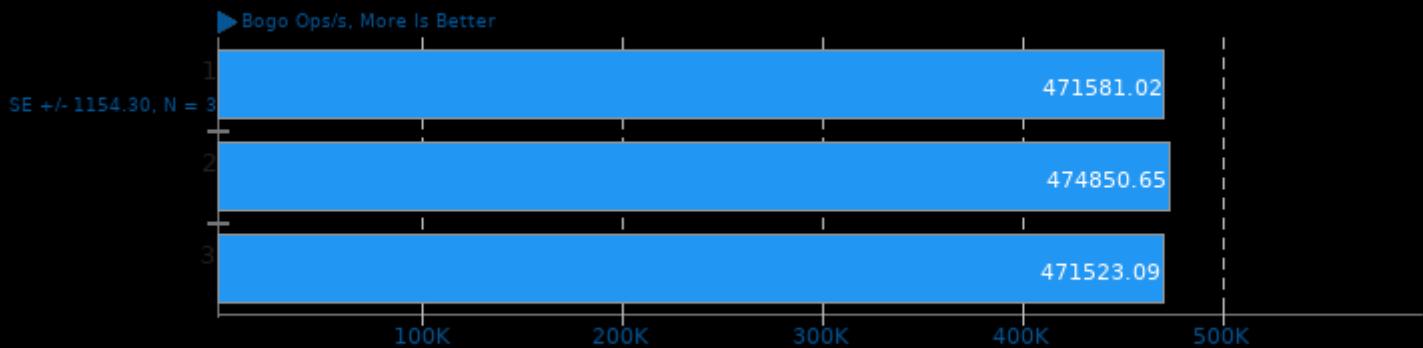


1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

10600k okt

Stress-NG 0.13.02

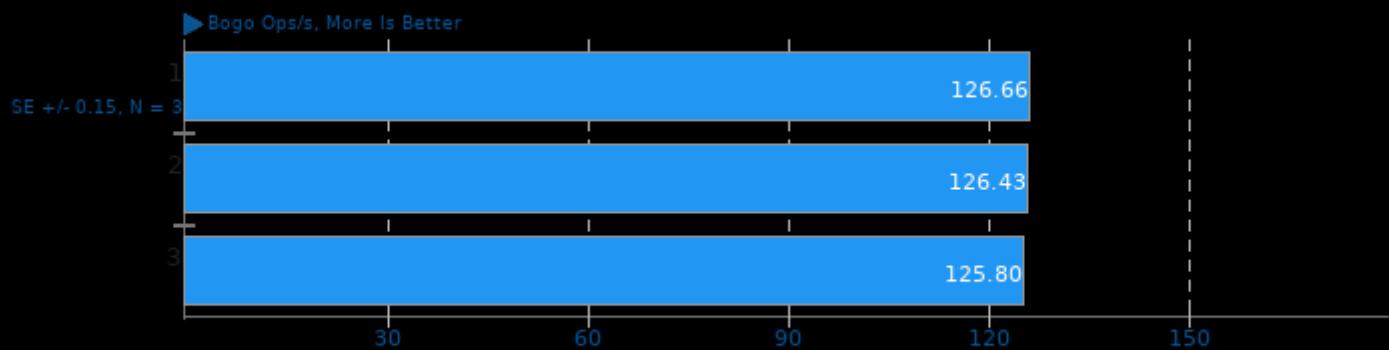
Test: Glibc C String Functions



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

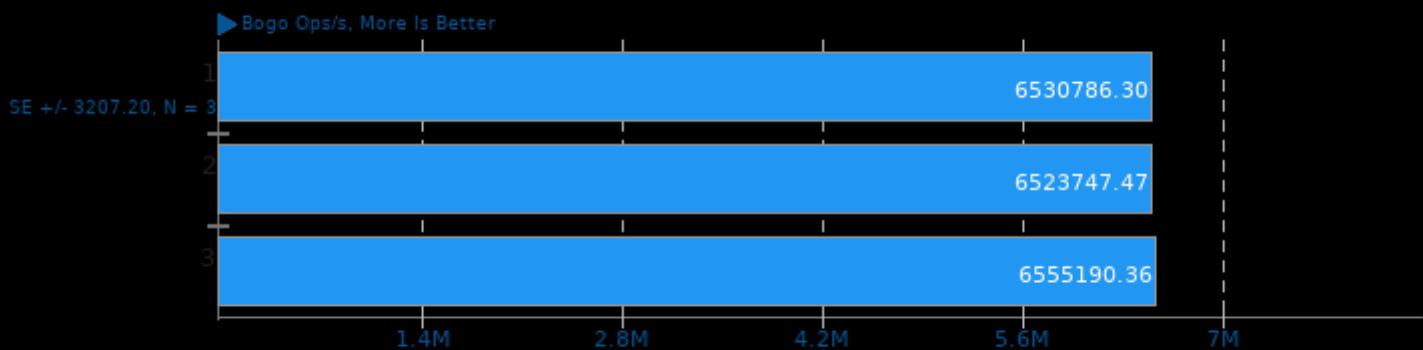
Test: Glibc Qsort Data Sorting



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

Stress-NG 0.13.02

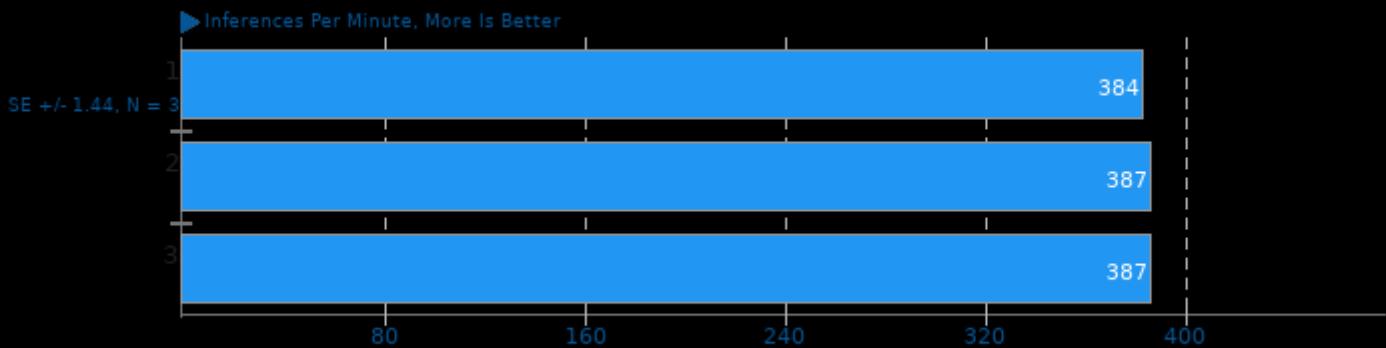
Test: System V Message Passing



1. (CC) gcc options: -O2 -std=gnu99 -lm -laio -lbsd -lcrypt -lrt -lsctp -lz -ldl -pthread -lc -latomic

ONNX Runtime 1.8.2

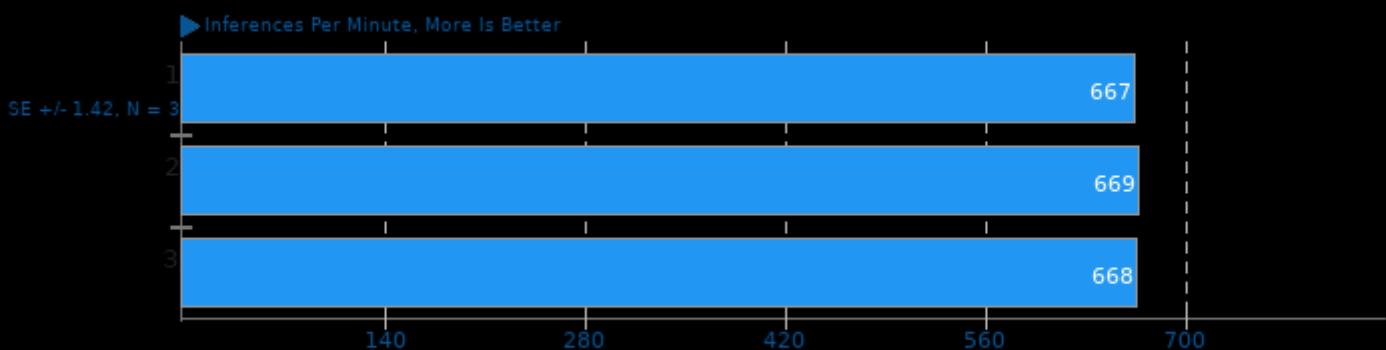
Model: yolov4 - Device: OpenMP CPU



1. (CXX) g++ options: -fopenmp -ffunction-sections -fdata-sections -O3 -ldl -lrt

ONNX Runtime 1.8.2

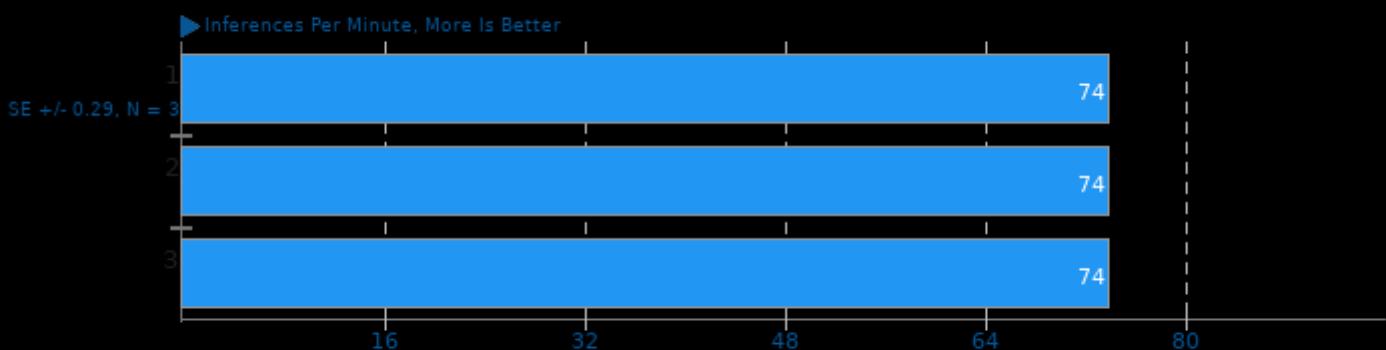
Model: bertsquad-10 - Device: OpenMP CPU



1. (CXX) g++ options: -fopenmp -ffunction-sections -fdata-sections -O3 -ldl -lrt

ONNX Runtime 1.8.2

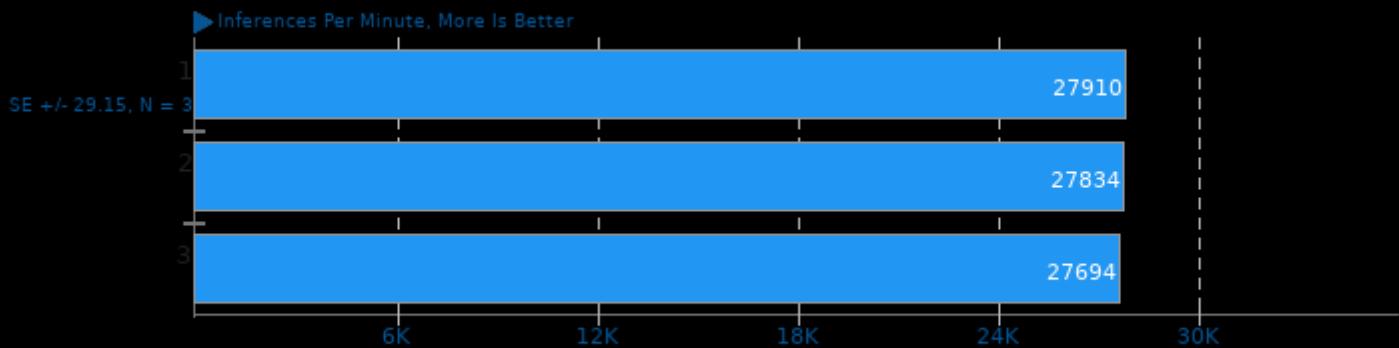
Model: fcn-resnet101-11 - Device: OpenMP CPU



1. (CXX) g++ options: -fopenmp -ffunction-sections -fdata-sections -O3 -ldl -lrt

ONNX Runtime 1.8.2

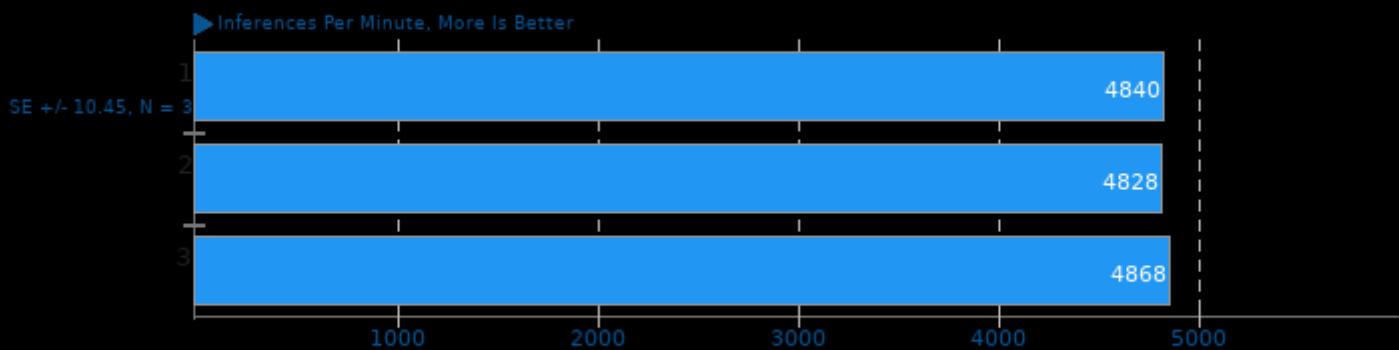
Model: shufflenet-v2-10 - Device: OpenMP CPU



1. (CXX) g++ options: -fopenmp -ffunction-sections -fdata-sections -O3 -ldl -lrt

ONNX Runtime 1.8.2

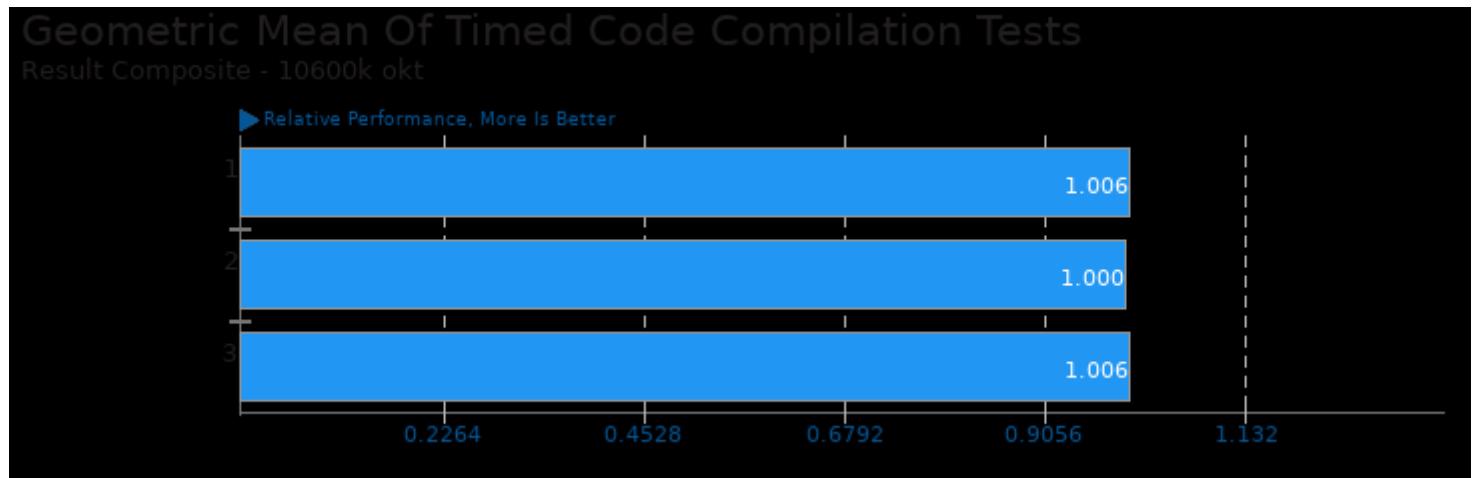
Model: super-resolution-10 - Device: OpenMP CPU



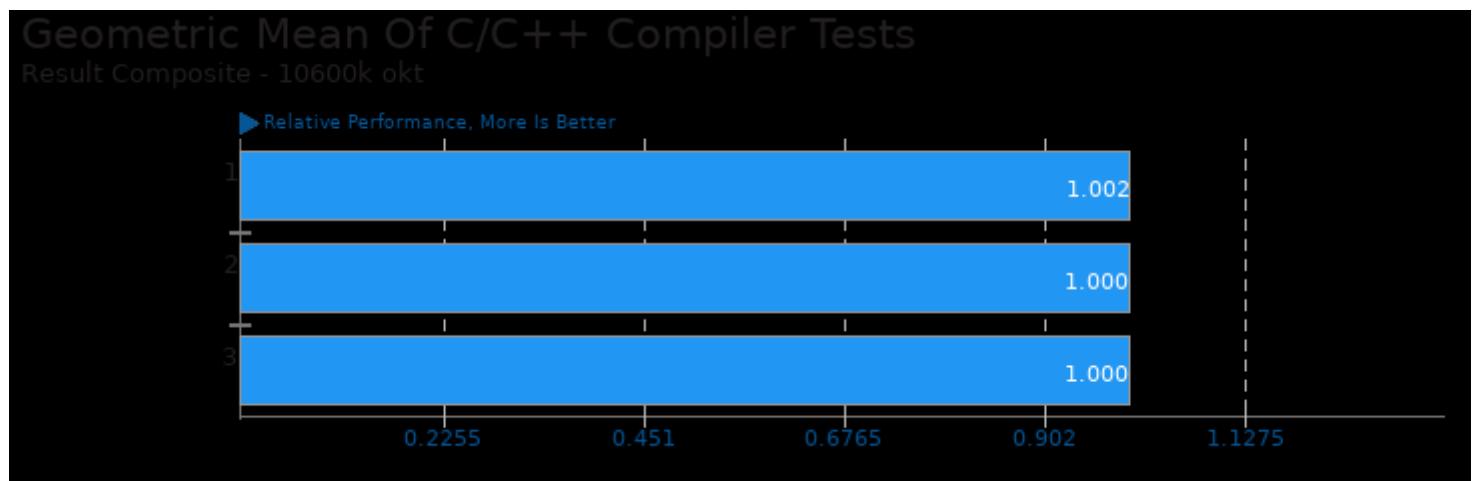
1. (CXX) g++ options: -fopenmp -ffunction-sections -fdata-sections -O3 -ldl -lrt

10600k okt

These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/build-linux-kernel, pts/build-gcc and pts/build-llvm



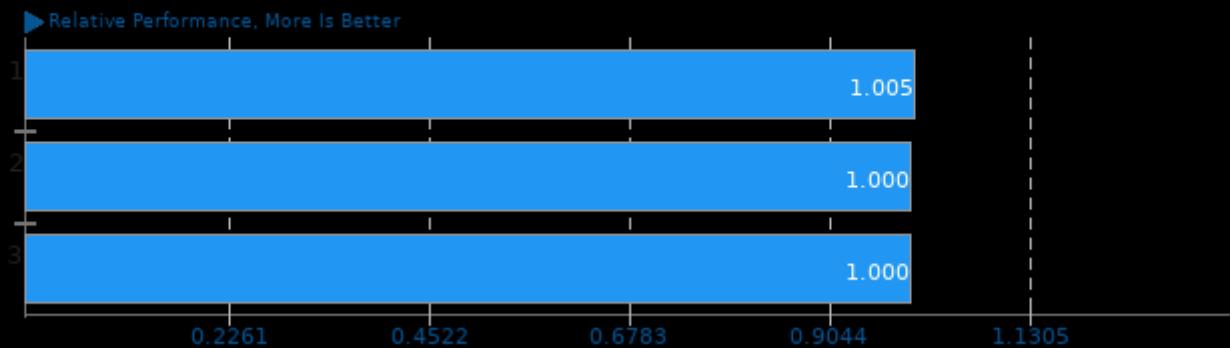
Geometric mean based upon tests: pts/build-llvm, pts/encode-flac, pts/pgbench, pts/dav1d, pts/openssl and pts/tachyon



Geometric mean based upon tests: pts/build-gcc, pts/build-llvm, pts/build-linux-kernel, pts/dav1d, pts/encode-flac, pts/openssl, pts/lczero, pts/pgbench, pts/stress-ng, pts/tachyon and pts/cpuminer-opt

Geometric Mean Of Creator Workloads Tests

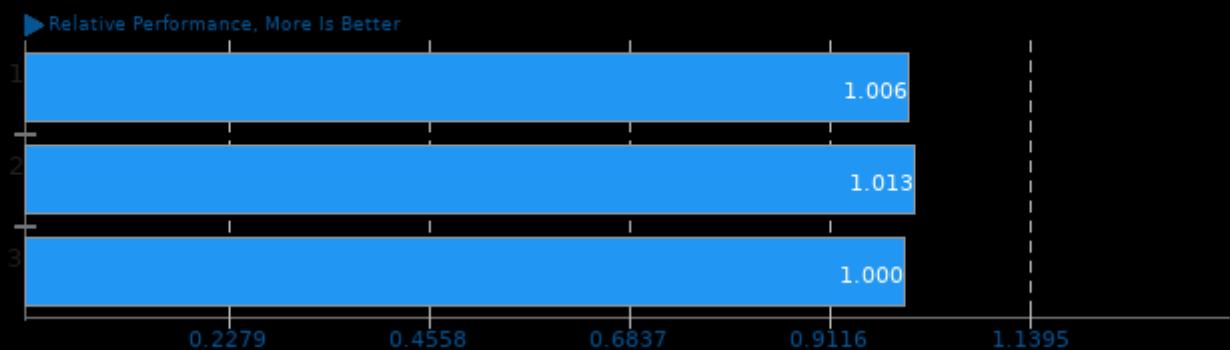
Result Composite - 10600k okt



Geometric mean based upon tests: pts/tachyon, pts/dav1d, pts/encode-flac, pts/jpegxl, pts/jpegxl-decode and pts/synthmark

Geometric Mean Of Cryptography Tests

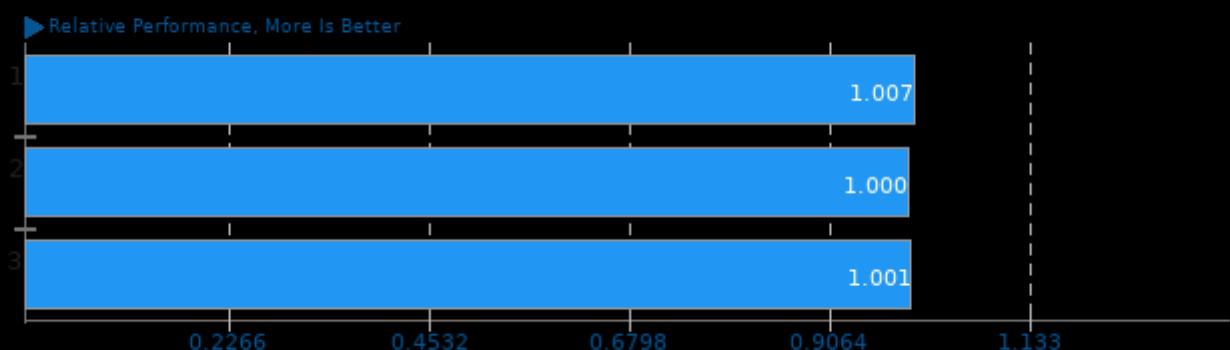
Result Composite - 10600k okt



Geometric mean based upon tests: pts/openssl and pts/cpuminer-opt

Geometric Mean Of Encoding Tests

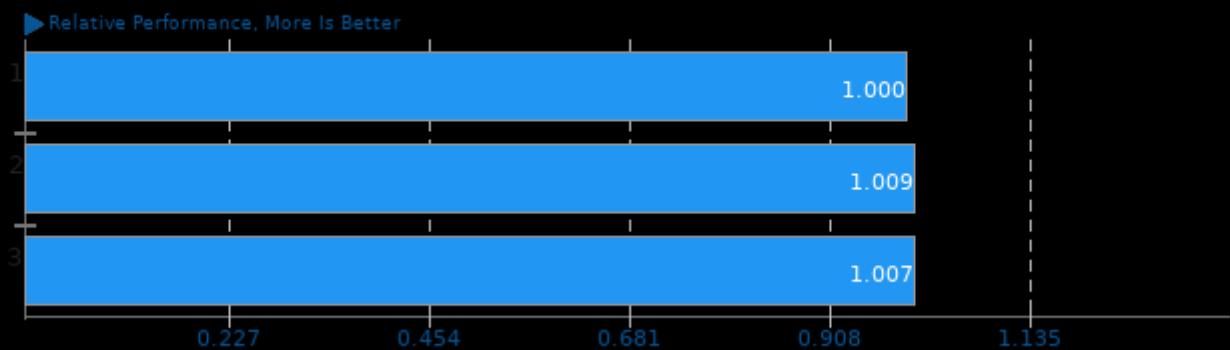
Result Composite - 10600k okt



Geometric mean based upon tests: pts/encode-flac and pts/dav1d

Geometric Mean Of HPC - High Performance Computing Tests

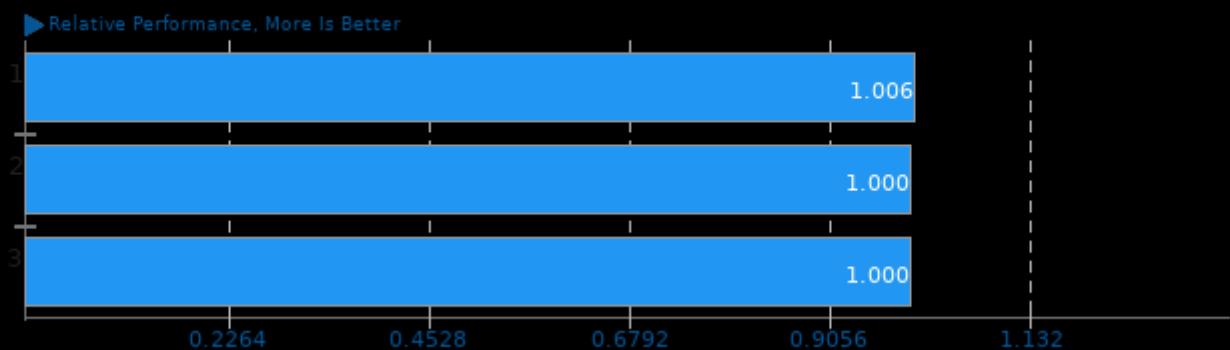
Result Composite - 10600k okt



Geometric mean based upon tests: pts/onnx and pts/lcero

Geometric Mean Of Imaging Tests

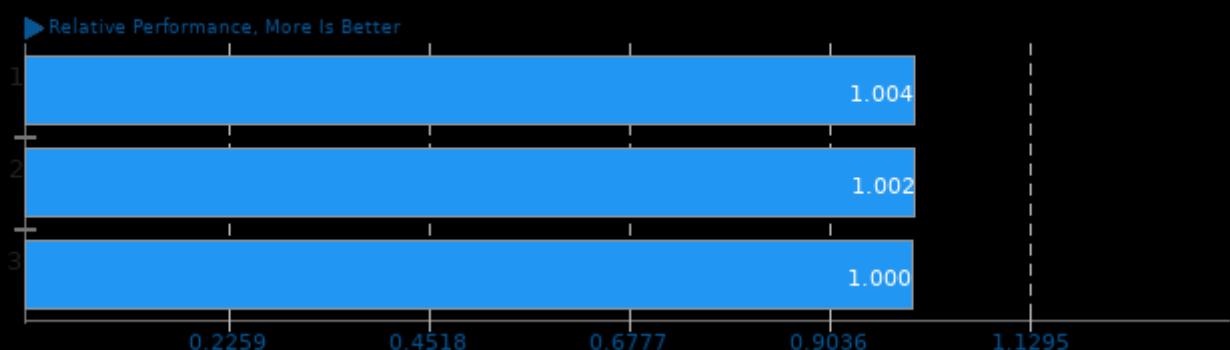
Result Composite - 10600k okt



Geometric mean based upon tests: pts/jpegxl and pts/jpegxl-decode

Geometric Mean Of Common Kernel Benchmarks Tests

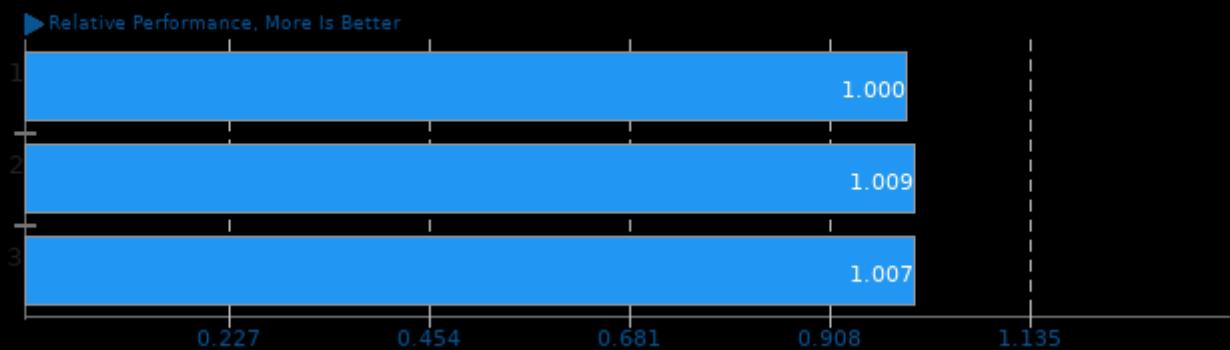
Result Composite - 10600k okt



Geometric mean based upon tests: pts/pgbench, pts/openssl and pts/stress-ng

Geometric Mean Of Machine Learning Tests

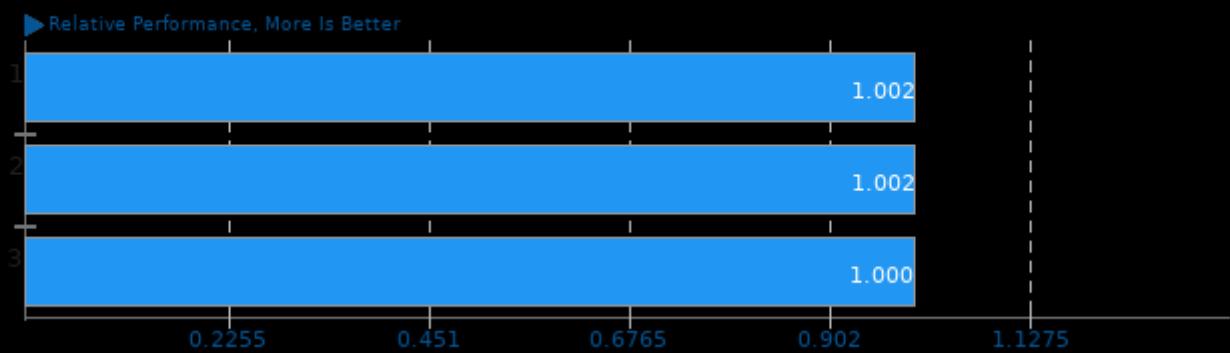
Result Composite - 10600k okt



Geometric mean based upon tests: pts/onnx and pts/lcero

Geometric Mean Of Multi-Core Tests

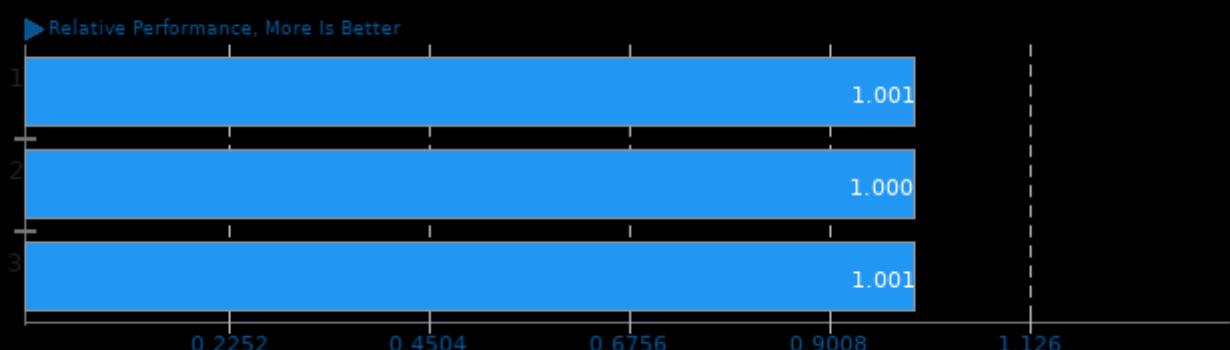
Result Composite - 10600k okt



Geometric mean based upon tests: pts/cpuminer-opt, pts/tachyon, pts/dav1d, pts/build-linux-kernel, pts/build-gcc, pts/build-llvm and pts/pgbench

Geometric Mean Of Programmer / Developer System Benchmarks Tests

Result Composite - 10600k okt

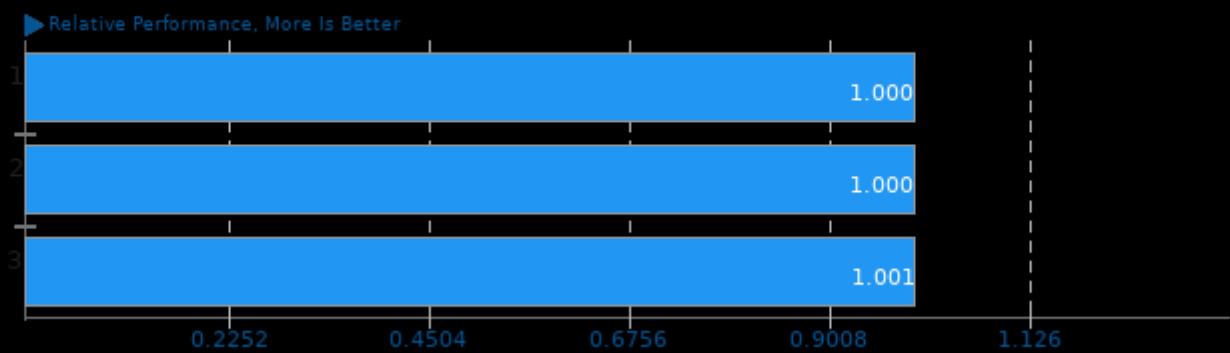


Geometric mean based upon tests: pts/simdjson, pts/build-linux-kernel, pts/build-gcc and pts/build-llvm

10600k okt

Geometric Mean Of Python Tests

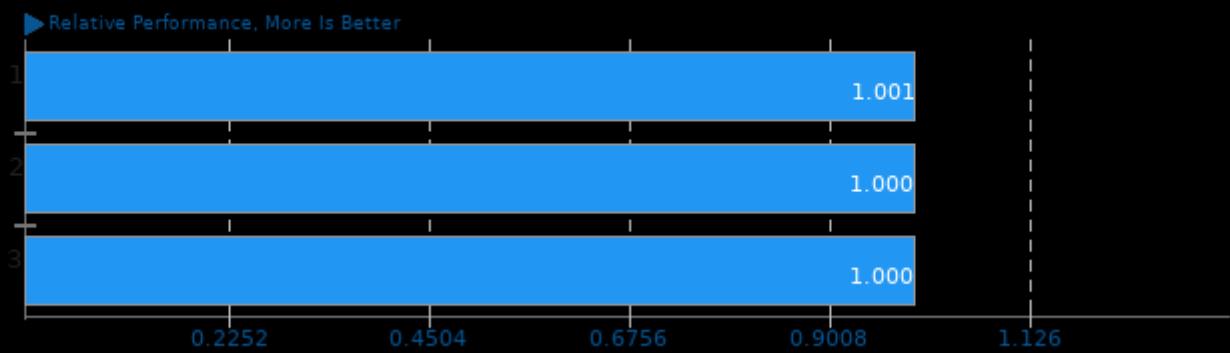
Result Composite - 10600k okt



Geometric mean based upon tests: pts/glmark2, pts/build-llvm and pts/onnx

Geometric Mean Of Server Tests

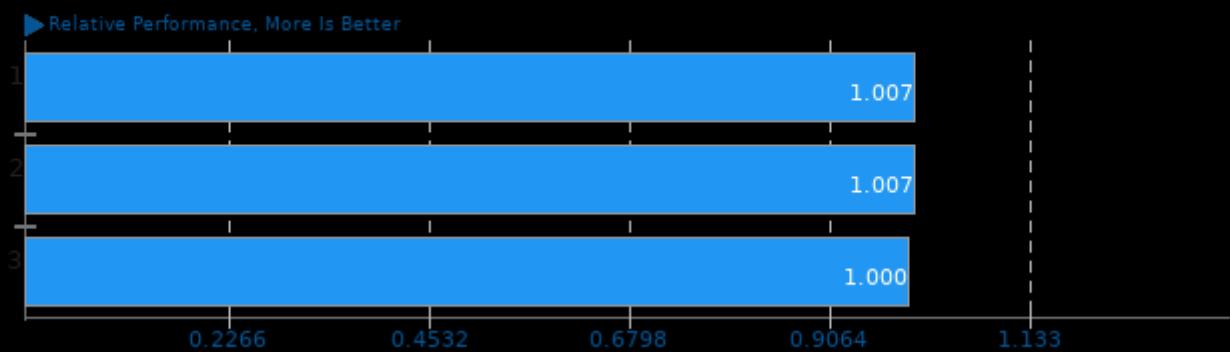
Result Composite - 10600k okt



Geometric mean based upon tests: pts/pgbench, pts/openssl and pts/simdjson

Geometric Mean Of Server CPU Tests

Result Composite - 10600k okt



Geometric mean based upon tests: pts/dav1d, pts/build-gcc, pts/build-linux-kernel, pts/build-llvm, pts/openssl, pts/stress-ng and pts/cpuminer-opt

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 08:14.