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ituietst325-79-20211006

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Test Systems:

ituietst325-79-20211006

Processor: 2 x Intel Xeon E5-2680 0 @ 2.70GHz (16 Cores / 32 Threads), Motherboard: Cisco UCSC-C220-M3S (C220M3.3.0.4e.0.1106191007 BIOS), Chipset: Intel Xeon E5/Core, Memory: 8 x 16384 MB DDR3-1600MT/s M393B2G70BH0-YK0, Disk: 2396GB MR9271-8i + 12 x 54GB FlashArray, Graphics: Matrox MGA G200e [Pilot], Network: Cisco VIC NIC

OS: CentOS 7.9.2009, Kernel: 3.10.0-1160.6.1.el7.x86_64 (x86_64), Display Server: X Server, Compiler: GCC 9.3.1 20200408, File-System: xfs, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,ito --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/opt/rh/devtoolset-9/root/usr/share/man --with-arch_32=x86-64 --with-default-libstdcxx-abi=gcc4-compatible --with-gcc-major-version-only --with-linker-hash-style=gnu --with-tune=generic

Disk Notes: DEADLINE / attr2,inode64,noquota,relatime,rw / Block Size: 4096

Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x71a

Security Notes: itlb_multithit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of Load fences usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Full retrpoline IBPB + srbds: Not affected + tsx_async_abort: Not affected

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LevelDB - Hot Read (us/Op)	44.241
Standard Deviation	0.5%
LevelDB - Fill Sync (MB/s)	1.1
Standard Deviation	19.7%
LevelDB - Fill Sync (us/Op)	3472
Standard Deviation	28.7%
LevelDB - Overwrite (MB/s)	17.3
Standard Deviation	0.6%
LevelDB - Overwrite (us/Op)	204.416
Standard Deviation	0.4%
LevelDB - Rand Fill (MB/s)	17.2
Standard Deviation	0.7%
LevelDB - Rand Fill (us/Op)	206.135
Standard Deviation	0.5%
LevelDB - Rand Read (us/Op)	44.033
Standard Deviation	0.7%
LevelDB - Seek Rand (us/Op)	69.152
Standard Deviation	1.2%
LevelDB - Rand Delete (us/Op)	189.455
Standard Deviation	0.5%
LevelDB - Seq Fill (MB/s)	17.6
Standard Deviation	0.3%
LevelDB - Seq Fill (us/Op)	201.161
Standard Deviation	0.3%
PostMark - D.T.P (TPS)	743
Standard Deviation	0.4%
Tinymembench - Standard Memcpy (MB/s)	3933
Standard Deviation	3.2%
Tinymembench - Standard Memset (MB/s)	9145
Standard Deviation	0.9%
MBW - Memory Copy - 128 MiB (MiB/s)	2961
Standard Deviation	0.2%
MBW - Memory Copy - 512 MiB (MiB/s)	2975
Standard Deviation	0%
MBW - Memory Copy - 1024 MiB (MiB/s)	3016
Standard Deviation	0%
MBW - Memory Copy - 4096 MiB (MiB/s)	3029
Standard Deviation	0.6%
MBW - Memory Copy - 8192 MiB (MiB/s)	2945
Standard Deviation	2.1%
MBW - M.C.F.B.S - 128 MiB (MiB/s)	4954
Standard Deviation	5.7%
MBW - M.C.F.B.S - 512 MiB (MiB/s)	5090
Standard Deviation	0.4%

MBW - M.C.F.B.S - 1024 MiB (MiB/s) 5089
Standard Deviation 1.2%
MBW - M.C.F.B.S - 4096 MiB (MiB/s) 5028
Standard Deviation 4.4%
MBW - M.C.F.B.S - 8192 MiB (MiB/s) 5172
Standard Deviation 0.1%
t-test1 - 1 (sec) 36.126
Standard Deviation 0.2%
t-test1 - 2 (sec) 12.561
Standard Deviation 1%
pmbench - 1 - 50% (us - Page Latency) 0.1088
Standard Deviation 0.3%
pmbench - 2 - 50% (us - Page Latency) 0.1266
Standard Deviation 1.1%
pmbench - 4 - 50% (us - Page Latency) 0.1258
Standard Deviation 2%
pmbench - 8 - 50% (us - Page Latency) 0.1214
Standard Deviation 1.6%
pmbench - 16 - 50% (us - Page Latency) 0.1239
Standard Deviation 1.5%
pmbench - 32 - 50% (us - Page Latency) 0.1345
Standard Deviation 6.1%
pmbench - 1 - 100% Reads (us - Page Latency) 0.0473
Standard Deviation 2.3%
pmbench - 2 - 100% Reads (us - Page Latency) 0.0480
Standard Deviation 0.1%
pmbench - 4 - 100% Reads (us - Page Latency) 0.0475
Standard Deviation 1.2%
pmbench - 8 - 100% Reads (us - Page Latency) 0.0486
Standard Deviation 8.8%
pmbench - 1 - 100% Writes (us - Page Latency) 0.0918
Standard Deviation 0.3%
pmbench - 16 - 100% Reads (us - Page Latency) 0.0448
Standard Deviation 1.8%
pmbench - 2 - 100% Writes (us - Page Latency) 0.1103
Standard Deviation 4.2%
pmbench - 32 - 100% Reads (us - Page Latency) 0.0749
Standard Deviation 1.8%
pmbench - 4 - 100% Writes (us - Page Latency) 0.1065
Standard Deviation 0.6%
pmbench - 8 - 100% Writes (us - Page Latency) 0.1071
Standard Deviation 4.5%
pmbench - 16 - 100% Writes (us - Page Latency) 0.1052
Standard Deviation 2.4%
pmbench - 32 - 100% Writes (us - Page Latency) 0.1136
Standard Deviation 4.7%
pmbench - 1 - 8.R.2.W (us - Page Latency) 0.1174
Standard Deviation 4.1%
pmbench - 2 - 8.R.2.W (us - Page Latency) 0.1339
Standard Deviation 1.9%
pmbench - 4 - 8.R.2.W (us - Page Latency) 0.1311
Standard Deviation 2.4%
pmbench - 8 - 8.R.2.W (us - Page Latency) 0.1316

	Standard Deviation	0.6%
pmbench - 16 - 8.R.2.W (us - Page Latency)	0.1311	
	Standard Deviation	3%
pmbench - 32 - 8.R.2.W (us - Page Latency)	0.1382	
	Standard Deviation	7.1%
Ethr - TCP - Latency - 1 (us)	60.847	
	Standard Deviation	4.1%
Ethr - TCP - Latency - 8 (us)	59.620	
	Standard Deviation	5.1%
Ethr - TCP - Latency - 32 (us)	59.842	
	Standard Deviation	3.8%
Ethr - TCP - Latency - 64 (us)	60.138	
	Standard Deviation	0.9%
Ethr - TCP - Bandwidth - 1 (Gbits/sec)	11.01	
	Standard Deviation	2%
Ethr - TCP - Bandwidth - 8 (Gbits/sec)	71.15	
	Standard Deviation	1.2%
Ethr - UDP - Bandwidth - 1 (Packets/sec)	75174	
	Standard Deviation	0.5%
Ethr - UDP - Bandwidth - 8 (Packets/sec)	528825	
	Standard Deviation	0.4%
Ethr - TCP - Bandwidth - 32 (Gbits/sec)	143.11	
	Standard Deviation	0.4%
Ethr - TCP - Bandwidth - 64 (Gbits/sec)	153.59	
	Standard Deviation	0.2%
Ethr - UDP - Bandwidth - 32 (Packets/sec)	1514000	
	Standard Deviation	0.2%
Ethr - UDP - Bandwidth - 64 (Packets/sec)	1692133	
	Standard Deviation	0.3%
Ethr - TCP - Connections/s - 1 (Connections/sec)	9631	
	Standard Deviation	0.6%
Ethr - TCP - Connections/s - 8 (Connections/sec)	17792	
	Standard Deviation	1.3%
Ethr - TCP - Connections/s - 32 (Connections/sec)	17235	
	Standard Deviation	0.6%
Ethr - TCP - Connections/s - 64 (Connections/sec)	15650	
	Standard Deviation	0.8%
iPerf - 5201 - 10 Seconds - UDP - 100Mbit Objective - 1 (Mbps)	100	
iPerf - 5201 - 10 Seconds - UDP - 1000Mbit Objective - 1 (Mbps)	1000	
iPerf - 5201 - 10 Seconds - UDP - 100Mbit Objective - 32 (Mbps)	3200	
iPerf - 5201 - 10 Seconds - UDP - 100Mbit Objective - 64 (Mbps)	6400	
iPerf - 5201 - 10 Seconds - UDP - 1000Mbit Objective - 32 (Mbps)	13508	
	Standard Deviation	0.6%
iPerf - 5201 - 10 Seconds - UDP - 1000Mbit Objective - 64 (Mbps)	13038	
	Standard Deviation	2.5%
iPerf - 5201 - 10 Seconds - TCP - 1 (Mbps)	31022	
	Standard Deviation	1%
iPerf - 5201 - 10 Seconds - UDP - 1 (Mbps)	1.05	
	Standard Deviation	0%
iPerf - 5201 - 10 Seconds - TCP - 32 (Mbps)	29775	
	Standard Deviation	2.2%
iPerf - 5201 - 10 Seconds - TCP - 64 (Mbps)	25762	
	Standard Deviation	0.6%

iPerf - 5201 - 10 Seconds - UDP - 32 (Mbits/s) 33.6
Standard Deviation 0%
iPerf - 5201 - 10 Seconds - UDP - 64 (Mbits/s) 67.2
Standard Deviation 0.1%
perf-bench - Epoll Wait (ops/sec) 9987
Standard Deviation 2.4%
perf-bench - Futex Hash (ops/sec) 792302
Standard Deviation 0.5%
perf-bench - Memcpy 1MB (GB/sec) 2.056267
Standard Deviation 0%
perf-bench - Memset 1MB (GB/sec) 23.212530
Standard Deviation 0.3%
perf-bench - Sched Pipe (ops/sec) 99745
Standard Deviation 0.5%
perf-bench - Futex Lock-Pi (ops/sec) 222
Standard Deviation 2.1%
perf-bench - Syscall Basic (ops/sec) 1643655
Standard Deviation 0.1%
OSBench - Create Files (us/Event) 122.104612
Standard Deviation 2.1%
OSBench - Create Threads (us/Event) 25.333405
Standard Deviation 22.6%
OSBench - Launch Programs (us/Event) 201.149782
Standard Deviation 2%
OSBench - Create Processes (us/Event) 49.346288
Standard Deviation 1.8%
OSBench - Memory Allocations (Ns/Event) 150.585651
Standard Deviation 1.5%
IPC_benchmark - TCP Socket - 128 (Messages/sec) 529564
Standard Deviation 2.5%
IPC_benchmark - TCP Socket - 256 (Messages/sec) 502662
Standard Deviation 2.5%
IPC_benchmark - TCP Socket - 512 (Messages/sec) 489646
Standard Deviation 0.4%
IPC_benchmark - TCP Socket - 1024 (Messages/sec) 466204
Standard Deviation 1.1%
IPC_benchmark - TCP Socket - 2048 (Messages/sec) 417727
Standard Deviation 0.7%
IPC_benchmark - TCP Socket - 4096 (Messages/sec) 354510
Standard Deviation 1.5%
IPC_benchmark - Unnamed Pipe - 128 (Messages/sec) 522721
Standard Deviation 2.2%
IPC_benchmark - Unnamed Pipe - 256 (Messages/sec) 512201
Standard Deviation 1.2%
IPC_benchmark - Unnamed Pipe - 512 (Messages/sec) 514468
Standard Deviation 1.1%
IPC_benchmark - Unnamed Pipe - 1024 (Messages/sec) 510585
Standard Deviation 2.4%
IPC_benchmark - Unnamed Pipe - 2048 (Messages/sec) 460202
Standard Deviation 3.4%
IPC_benchmark - Unnamed Pipe - 4096 (Messages/sec) 425294
Standard Deviation 3.1%
IPC_benchmark - FIFO Named Pipe - 128 (Messages/sec) 321846

	Standard Deviation	1.2%
IPC_benchmark - FIFO Named Pipe - 256 (Messages/sec)	314842	
	Standard Deviation	1.5%
IPC_benchmark - FIFO Named Pipe - 512 (Messages/sec)	315953	
	Standard Deviation	1%
IPC_benchmark - FIFO Named Pipe - 1024 (Messages/sec)	309214	
	Standard Deviation	0.8%
IPC_benchmark - FIFO Named Pipe - 2048 (Messages/sec)	295247	
	Standard Deviation	1.7%
IPC_benchmark - FIFO Named Pipe - 4096 (Messages/sec)	293032	
	Standard Deviation	0.8%
IPC_benchmark - U.U.D.S - 128 (Messages/sec)	434868	
	Standard Deviation	2.2%
IPC_benchmark - U.U.D.S - 256 (Messages/sec)	438192	
	Standard Deviation	1.3%
IPC_benchmark - U.U.D.S - 512 (Messages/sec)	438535	
	Standard Deviation	0.1%
IPC_benchmark - U.U.D.S - 1024 (Messages/sec)	425161	
	Standard Deviation	2%
IPC_benchmark - U.U.D.S - 2048 (Messages/sec)	425783	
	Standard Deviation	1.3%
IPC_benchmark - U.U.D.S - 4096 (Messages/sec)	367598	
	Standard Deviation	1.7%
Hackbench - 1 - Thread (sec)	7.383	
	Standard Deviation	0.4%
Hackbench - 2 - Thread (sec)	11.603	
	Standard Deviation	0.9%
Hackbench - 4 - Thread (sec)	22.611	
	Standard Deviation	0.5%
Hackbench - 8 - Thread (sec)	49.240	
	Standard Deviation	1%
Hackbench - 1 - Process (sec)	6.868	
	Standard Deviation	1.2%
Hackbench - 16 - Thread (sec)	80.570	
	Standard Deviation	0.4%
Hackbench - 2 - Process (sec)	11.221	
	Standard Deviation	0.2%
Hackbench - 32 - Thread (sec)	155.151	
	Standard Deviation	0.8%
Hackbench - 4 - Process (sec)	22.047	
	Standard Deviation	0.9%
Hackbench - 8 - Process (sec)	47.562	
	Standard Deviation	1.7%
Hackbench - 16 - Process (sec)	80.399	
	Standard Deviation	2.5%
Hackbench - 32 - Process (sec)	155.292	
	Standard Deviation	1.7%
OpenSSL - SHA256 (byte/s)	2678587533	
	Standard Deviation	1.4%
OpenSSL - RSA4096 (sign/s)	1629	
	Standard Deviation	0.1%
OpenSSL - RSA4096 (verify/s)	106120	
	Standard Deviation	0.3%

PostgreSQL - 1 - 1 - Read Only (TPS)	22141
Standard Deviation	1.3%
PostgreSQL - 1 - 1 - Read Only - Average Latency (ms)	0.045
Standard Deviation	1.3%
PostgreSQL - 1 - 1 - Read Write (TPS)	2458
Standard Deviation	0.8%
PostgreSQL - 1 - 1 - Read Write - Average Latency (ms)	0.407
Standard Deviation	0.9%
PostgreSQL - 1 - 50 - Read Only (TPS)	380074
Standard Deviation	0.6%
PostgreSQL - 1 - 50 - Read Only - Average Latency (ms)	0.131
Standard Deviation	0.4%
PostgreSQL - 1 - 100 - Read Only (TPS)	384482
Standard Deviation	0.4%
PostgreSQL - 1 - 100 - Read Only - Average Latency (ms)	0.260
Standard Deviation	0.4%
PostgreSQL - 1 - 250 - Read Only (TPS)	389018
Standard Deviation	0.3%
PostgreSQL - 1 - 250 - Read Only - Average Latency (ms)	0.642
Standard Deviation	0.3%
PostgreSQL - 1 - 50 - Read Write (TPS)	3735
Standard Deviation	0.2%
PostgreSQL - 1 - 50 - Read Write - Average Latency (ms)	13.387
Standard Deviation	0.2%
PostgreSQL - 1 - 500 - Read Only (TPS)	387464
Standard Deviation	0.4%
PostgreSQL - 1 - 500 - Read Only - Average Latency (ms)	1.291
Standard Deviation	0.4%
PostgreSQL - 1 - 800 - Read Only (TPS)	386898
Standard Deviation	0.5%
PostgreSQL - 1 - 800 - Read Only - Average Latency (ms)	2.068
Standard Deviation	0.5%
PostgreSQL - 100 - 1 - Read Only (TPS)	20518
Standard Deviation	1.3%
PostgreSQL - 100 - 1 - Read Only - Average Latency (ms)	0.048
Standard Deviation	1.2%
PostgreSQL - 1 - 100 - Read Write (TPS)	2693
Standard Deviation	0.1%
PostgreSQL - 1 - 100 - Read Write - Average Latency (ms)	37.127
Standard Deviation	0.1%
PostgreSQL - 1 - 1000 - Read Only (TPS)	387310
Standard Deviation	0%
PostgreSQL - 1 - 1000 - Read Only - Average Latency (ms)	2.582
Standard Deviation	0%
PostgreSQL - 1 - 250 - Read Write (TPS)	1116
Standard Deviation	10.2%
PostgreSQL - 1 - 250 - Read Write - Average Latency (ms)	226.291
Standard Deviation	10.9%
PostgreSQL - 1 - 500 - Read Write (TPS)	469
Standard Deviation	13.4%
PostgreSQL - 1 - 500 - Read Write - Average Latency (ms)	1082
Standard Deviation	12.5%
PostgreSQL - 1 - 5000 - Read Only (TPS)	283429

	Standard Deviation	2.4%
PostgreSQL - 1 - 5000 - Read Only - Average Latency (ms)	17.649	
	Standard Deviation	2.4%
PostgreSQL - 1 - 800 - Read Write (TPS)	302	
	Standard Deviation	13.4%
PostgreSQL - 1 - 800 - Read Write - Average Latency (ms)	2690	
	Standard Deviation	12.6%
PostgreSQL - 100 - 1 - Read Write (TPS)	2217	
	Standard Deviation	3%
PostgreSQL - 100 - 1 - Read Write - Average Latency (ms)	0.451	
	Standard Deviation	3.1%
PostgreSQL - 100 - 50 - Read Only (TPS)	359495	
	Standard Deviation	0.4%
PostgreSQL - 100 - 50 - Read Only - Average Latency (ms)	0.139	
	Standard Deviation	0.4%
PostgreSQL - 1000 - 1 - Read Only (TPS)	16476	
	Standard Deviation	0.5%
PostgreSQL - 1000 - 1 - Read Only - Average Latency (ms)	0.061	
	Standard Deviation	1%
PostgreSQL - 1 - 1000 - Read Write (TPS)	283	
	Standard Deviation	8.3%
PostgreSQL - 1 - 1000 - Read Write - Average Latency (ms)	3561	
	Standard Deviation	9.7%
PostgreSQL - 1 - 5000 - Read Write (TPS)	116	
	Standard Deviation	4.1%
PostgreSQL - 1 - 5000 - Read Write - Average Latency (ms)	43265	
	Standard Deviation	4.2%
PostgreSQL - 100 - 100 - Read Only (TPS)	350099	
	Standard Deviation	0.1%
PostgreSQL - 100 - 100 - Read Only - Average Latency (ms)	0.286	
	Standard Deviation	0.2%
PostgreSQL - 100 - 250 - Read Only (TPS)	356453	
	Standard Deviation	0.5%
PostgreSQL - 100 - 250 - Read Only - Average Latency (ms)	0.701	
	Standard Deviation	0.5%
PostgreSQL - 100 - 50 - Read Write (TPS)	8275	
	Standard Deviation	8.3%
PostgreSQL - 100 - 50 - Read Write - Average Latency (ms)	6.081	
	Standard Deviation	8.7%
PostgreSQL - 100 - 500 - Read Only (TPS)	347244	
	Standard Deviation	0.3%
PostgreSQL - 100 - 500 - Read Only - Average Latency (ms)	1.440	
	Standard Deviation	0.3%
PostgreSQL - 100 - 800 - Read Only (TPS)	350751	
	Standard Deviation	0.6%
PostgreSQL - 100 - 800 - Read Only - Average Latency (ms)	2.281	
	Standard Deviation	0.6%
PostgreSQL - 1000 - 1 - Read Write (TPS)	1570	
	Standard Deviation	11%
PostgreSQL - 1000 - 1 - Read Write - Average Latency (ms)	0.645	
	Standard Deviation	12.5%
PostgreSQL - 1000 - 50 - Read Only (TPS)	299961	
	Standard Deviation	0.3%

PostgreSQL - 1000 - 50 - Read Only - Average Latency (ms)	0.167
Standard Deviation	0.3%
PostgreSQL - 10000 - 1 - Read Only (TPS)	430
Standard Deviation	1.4%
PostgreSQL - 10000 - 1 - Read Only - Average Latency (ms)	2.326
Standard Deviation	1.4%
PostgreSQL - 25000 - 1 - Read Only (TPS)	145
Standard Deviation	4.9%
PostgreSQL - 25000 - 1 - Read Only - Average Latency (ms)	6.903
Standard Deviation	4.7%
PostgreSQL - 100 - 100 - Read Write (TPS)	6872
Standard Deviation	15%
PostgreSQL - 100 - 100 - Read Write - Average Latency (ms)	14.838
Standard Deviation	14.2%
PostgreSQL - 100 - 1000 - Read Only (TPS)	343160
Standard Deviation	1.4%
PostgreSQL - 100 - 1000 - Read Only - Average Latency (ms)	2.915
Standard Deviation	1.4%
PostgreSQL - 100 - 250 - Read Write (TPS)	6540
Standard Deviation	9.2%
PostgreSQL - 100 - 250 - Read Write - Average Latency (ms)	38.539
Standard Deviation	9.9%
PostgreSQL - 100 - 500 - Read Write (TPS)	6622
Standard Deviation	10%
PostgreSQL - 100 - 500 - Read Write - Average Latency (ms)	76.236
Standard Deviation	10.9%
PostgreSQL - 100 - 5000 - Read Only (TPS)	251237
Standard Deviation	1.5%
PostgreSQL - 100 - 5000 - Read Only - Average Latency (ms)	19.904
Standard Deviation	1.5%
PostgreSQL - 100 - 800 - Read Write (TPS)	6184
Standard Deviation	12.6%
PostgreSQL - 100 - 800 - Read Write - Average Latency (ms)	131.178
Standard Deviation	11.9%
PostgreSQL - 1000 - 100 - Read Only (TPS)	279337
Standard Deviation	0.3%
PostgreSQL - 1000 - 100 - Read Only - Average Latency (ms)	0.358
Standard Deviation	0.3%
PostgreSQL - 1000 - 250 - Read Only (TPS)	273268
Standard Deviation	0.5%
PostgreSQL - 1000 - 250 - Read Only - Average Latency (ms)	0.915
Standard Deviation	0.5%
PostgreSQL - 1000 - 50 - Read Write (TPS)	1352
Standard Deviation	12.3%
PostgreSQL - 1000 - 50 - Read Write - Average Latency (ms)	37.454
Standard Deviation	11.8%
PostgreSQL - 1000 - 500 - Read Only (TPS)	260736
Standard Deviation	0.3%
PostgreSQL - 1000 - 500 - Read Only - Average Latency (ms)	1.918
Standard Deviation	0.3%
PostgreSQL - 1000 - 800 - Read Only (TPS)	242604
Standard Deviation	0.3%
PostgreSQL - 1000 - 800 - Read Only - Average Latency (ms)	3.297

	Standard Deviation	0.3%
PostgreSQL - 10000 - 1 - Read Write (TPS)	293	
	Standard Deviation	0.3%
PostgreSQL - 10000 - 1 - Read Write - Average Latency (ms)	3.411	
	Standard Deviation	0.3%
PostgreSQL - 10000 - 50 - Read Only (TPS)	5827	
	Standard Deviation	0.2%
PostgreSQL - 10000 - 50 - Read Only - Average Latency (ms)	8.581	
	Standard Deviation	0.2%
PostgreSQL - 25000 - 1 - Read Write (TPS)	130	
	Standard Deviation	2.7%
PostgreSQL - 25000 - 1 - Read Write - Average Latency (ms)	7.699	
	Standard Deviation	2.7%
PostgreSQL - 25000 - 50 - Read Only (TPS)	1841	
	Standard Deviation	4.5%
PostgreSQL - 25000 - 50 - Read Only - Average Latency (ms)	27.197	
	Standard Deviation	4.6%
PostgreSQL - 100 - 1000 - Read Write (TPS)	7183	
	Standard Deviation	10.6%
PostgreSQL - 100 - 1000 - Read Write - Average Latency (ms)	140.705	
	Standard Deviation	10.9%
PostgreSQL - 100 - 5000 - Read Write (TPS)	2006	
	Standard Deviation	5.1%
PostgreSQL - 100 - 5000 - Read Write - Average Latency (ms)	2499	
	Standard Deviation	5.3%
PostgreSQL - 1000 - 100 - Read Write (TPS)	1473	
	Standard Deviation	9.2%
PostgreSQL - 1000 - 100 - Read Write - Average Latency (ms)	68.393	
	Standard Deviation	9.2%
PostgreSQL - 1000 - 1000 - Read Only (TPS)	231851	
	Standard Deviation	0.4%
PostgreSQL - 1000 - 1000 - Read Only - Average Latency (ms)	4.313	
	Standard Deviation	0.5%
PostgreSQL - 1000 - 250 - Read Write (TPS)	2004	
	Standard Deviation	4.3%
PostgreSQL - 1000 - 250 - Read Write - Average Latency (ms)	124.978	
	Standard Deviation	4.3%
PostgreSQL - 1000 - 500 - Read Write (TPS)	2752	
	Standard Deviation	6.8%
PostgreSQL - 1000 - 500 - Read Write - Average Latency (ms)	182.488	
	Standard Deviation	7.2%
PostgreSQL - 1000 - 5000 - Read Only (TPS)	173555	
	Standard Deviation	0.2%
PostgreSQL - 1000 - 5000 - Read Only - Average Latency (ms)	28.809	
	Standard Deviation	0.2%
PostgreSQL - 1000 - 800 - Read Write (TPS)	3403	
	Standard Deviation	6%
PostgreSQL - 1000 - 800 - Read Write - Average Latency (ms)	235.785	
	Standard Deviation	5.7%
PostgreSQL - 10000 - 100 - Read Only (TPS)	7175	
	Standard Deviation	0.7%
PostgreSQL - 10000 - 100 - Read Only - Average Latency (ms)	13.938	
	Standard Deviation	0.7%

PostgreSQL - 10000 - 250 - Read Only (TPS)	7755
Standard Deviation	1.4%
PostgreSQL - 10000 - 250 - Read Only - Average Latency (ms)	32.243
Standard Deviation	1.4%
PostgreSQL - 10000 - 50 - Read Write (TPS)	1129
Standard Deviation	1.3%
PostgreSQL - 10000 - 50 - Read Write - Average Latency (ms)	44.283
Standard Deviation	1.3%
PostgreSQL - 10000 - 500 - Read Only (TPS)	7776
Standard Deviation	0.9%
PostgreSQL - 10000 - 500 - Read Only - Average Latency (ms)	64.306
Standard Deviation	0.9%
PostgreSQL - 10000 - 800 - Read Only (TPS)	7712
Standard Deviation	1.8%
PostgreSQL - 10000 - 800 - Read Only - Average Latency (ms)	103.751
Standard Deviation	1.8%
PostgreSQL - 25000 - 100 - Read Only (TPS)	2214
Standard Deviation	7.9%
PostgreSQL - 25000 - 100 - Read Only - Average Latency (ms)	45.347
Standard Deviation	7.7%
PostgreSQL - 25000 - 250 - Read Only (TPS)	2504
Standard Deviation	10%
PostgreSQL - 25000 - 250 - Read Only - Average Latency (ms)	100.543
Standard Deviation	10.6%
PostgreSQL - 25000 - 50 - Read Write (TPS)	775
Standard Deviation	2.1%
PostgreSQL - 25000 - 50 - Read Write - Average Latency (ms)	64.518
Standard Deviation	2.1%
PostgreSQL - 25000 - 500 - Read Only (TPS)	2227
Standard Deviation	4.7%
PostgreSQL - 25000 - 500 - Read Only - Average Latency (ms)	224.851
Standard Deviation	4.7%
PostgreSQL - 25000 - 800 - Read Only (TPS)	2350
Standard Deviation	2.2%
PostgreSQL - 25000 - 800 - Read Only - Average Latency (ms)	340.570
Standard Deviation	2.2%
PostgreSQL - 1000 - 1000 - Read Write (TPS)	4194
Standard Deviation	3.2%
PostgreSQL - 1000 - 1000 - Read Write - Average Latency (ms)	238.621
Standard Deviation	3.1%
PostgreSQL - 1000 - 5000 - Read Write (TPS)	4806
Standard Deviation	4.3%
PostgreSQL - 1000 - 5000 - Read Write - Average Latency (ms)	1042
Standard Deviation	4.2%
PostgreSQL - 10000 - 100 - Read Write (TPS)	1953
Standard Deviation	17.3%
PostgreSQL - 10000 - 100 - Read Write - Average Latency (ms)	52.426
Standard Deviation	15.3%
PostgreSQL - 10000 - 1000 - Read Only (TPS)	7864
Standard Deviation	2.3%
PostgreSQL - 10000 - 1000 - Read Only - Average Latency (ms)	127.224
Standard Deviation	2.3%
PostgreSQL - 10000 - 250 - Read Write (TPS)	3790

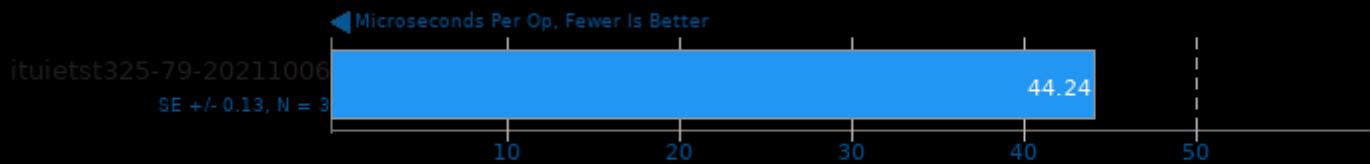
	Standard Deviation	12.3%
PostgreSQL - 10000 - 250 - Read Write - Average Latency (ms)	66.899	
	Standard Deviation	13.3%
	PostgreSQL - 10000 - 500 - Read Write (TPS)	4282
	Standard Deviation	7.4%
PostgreSQL - 10000 - 500 - Read Write - Average Latency (ms)	117.405	
	Standard Deviation	8.2%
	PostgreSQL - 10000 - 5000 - Read Only (TPS)	7683
	Standard Deviation	1%
PostgreSQL - 10000 - 5000 - Read Only - Average Latency (ms)	650.868	
	Standard Deviation	1%
	PostgreSQL - 10000 - 800 - Read Write (TPS)	4333
	Standard Deviation	2.4%
PostgreSQL - 10000 - 800 - Read Write - Average Latency (ms)	184.719	
	Standard Deviation	2.4%
	PostgreSQL - 25000 - 100 - Read Write (TPS)	881
	Standard Deviation	2.4%
PostgreSQL - 25000 - 100 - Read Write - Average Latency (ms)	113.582	
	Standard Deviation	2.4%
	PostgreSQL - 25000 - 1000 - Read Only (TPS)	2454
	Standard Deviation	7.4%
PostgreSQL - 25000 - 1000 - Read Only - Average Latency (ms)	408.930	
	Standard Deviation	7.2%
	PostgreSQL - 25000 - 250 - Read Write (TPS)	1631
	Standard Deviation	10.4%
PostgreSQL - 25000 - 250 - Read Write - Average Latency (ms)	154.379	
	Standard Deviation	10.1%
	PostgreSQL - 25000 - 500 - Read Write (TPS)	1815
	Standard Deviation	6.5%
PostgreSQL - 25000 - 500 - Read Write - Average Latency (ms)	276.204	
	Standard Deviation	6.3%
	PostgreSQL - 25000 - 5000 - Read Only (TPS)	2448
	Standard Deviation	5.6%
PostgreSQL - 25000 - 5000 - Read Only - Average Latency (ms)	2047	
	Standard Deviation	5.4%
	PostgreSQL - 25000 - 800 - Read Write (TPS)	1932
	Standard Deviation	1.4%
PostgreSQL - 25000 - 800 - Read Write - Average Latency (ms)	414.133	
	Standard Deviation	1.4%
	PostgreSQL - 10000 - 1000 - Read Write (TPS)	4395
	Standard Deviation	3.4%
PostgreSQL - 10000 - 1000 - Read Write - Average Latency (ms)	227.762	
	Standard Deviation	3.4%
	PostgreSQL - 10000 - 5000 - Read Write (TPS)	4071
	Standard Deviation	4.6%
PostgreSQL - 10000 - 5000 - Read Write - Average Latency (ms)	1231	
	Standard Deviation	4.6%
	PostgreSQL - 25000 - 1000 - Read Write (TPS)	1986
	Standard Deviation	10.4%
PostgreSQL - 25000 - 1000 - Read Write - Average Latency (ms)	506.899	
	Standard Deviation	9.8%
	PostgreSQL - 25000 - 5000 - Read Write (TPS)	1872
	Standard Deviation	2.9%

PostgreSQL - 25000 - 5000 - Read Write - Average Latency (ms)	2672
Standard Deviation	2.9%
SQLite Speedtest - Timed Time - Size 1,000 (sec)	187.230
Standard Deviation	1.2%
BenchmarkMutex - S.M.L.S (ns)	60.6
Standard Deviation	1.3%
BenchmarkMutex - M.L.U.s (ns)	74.3
Standard Deviation	0.1%
BenchmarkMutex - M.L.U.s.m (ns)	54.1
Standard Deviation	2.4%
BenchmarkMutex - M.L.U.s.m (ns)	34.2
Standard Deviation	0.3%
BenchmarkMutex - S.R.A.A (ns)	28.8
Standard Deviation	0%
BenchmarkMutex - M.L.U.s (ns)	80.6
Standard Deviation	0%
BenchmarkMutex - M.L.U.p (ns)	29.0
Standard Deviation	0.2%
BenchmarkMutex - M.L.U.t (ns)	50.6
Standard Deviation	0.1%
Stress-NG - MMAP (Bogo Ops/s)	426.32
Standard Deviation	0.3%
Stress-NG - NUMA (Bogo Ops/s)	15.30
Standard Deviation	2.5%
Stress-NG - Futex (Bogo Ops/s)	13202
Standard Deviation	2.3%
Stress-NG - Mutex (Bogo Ops/s)	973542
Standard Deviation	0.5%
Stress-NG - Atomic (Bogo Ops/s)	122321
Standard Deviation	0.8%
Stress-NG - Crypto (Bogo Ops/s)	7771
Standard Deviation	0.2%
Stress-NG - Malloc (Bogo Ops/s)	8336231
Standard Deviation	0.8%
Stress-NG - Forking (Bogo Ops/s)	11219
Standard Deviation	0.1%
Stress-NG - SENDFILE (Bogo Ops/s)	178864
Standard Deviation	0.7%
Stress-NG - CPU Cache (Bogo Ops/s)	48.40
Standard Deviation	5.5%
Stress-NG - CPU Stress (Bogo Ops/s)	18504
Standard Deviation	1.6%
Stress-NG - Semaphores (Bogo Ops/s)	2903891
Standard Deviation	0.1%
Stress-NG - Matrix Math (Bogo Ops/s)	43323
Standard Deviation	0.5%
Stress-NG - Vector Math (Bogo Ops/s)	36731
Standard Deviation	0.6%
Stress-NG - Memory Copying (Bogo Ops/s)	2460
Standard Deviation	0.4%
Stress-NG - Socket Activity (Bogo Ops/s)	8457
Standard Deviation	1%
Stress-NG - Context Switching (Bogo Ops/s)	2837667

Standard Deviation 1.2%
Stress-NG - G.C.S.F (Bogo Ops/s) 801871
Standard Deviation 0.3%
Stress-NG - G.Q.D.S (Bogo Ops/s) 137.12
Standard Deviation 0.6%
Stress-NG - S.V.M.P (Bogo Ops/s) 3361596
Standard Deviation 0.1%
ctx_clock - C.S.T (Clocks) 1536
Standard Deviation 1.6%
Schbench - 8 - 4 (usec, 50.0th Latency Percentile) 28
Schbench - 8 - 4 (usec, 75.0th Latency Percentile) 42
Standard Deviation 4.1%
Schbench - 8 - 4 (usec, 90.0th Latency Percentile) 68
Standard Deviation 22.5%
Schbench - 8 - 4 (usec, 99.9th Latency Percentile) 13456
Standard Deviation 8.3%

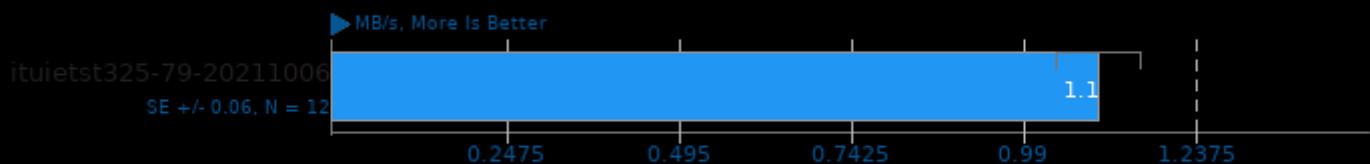
LevelDB 1.22

Benchmark: Hot Read



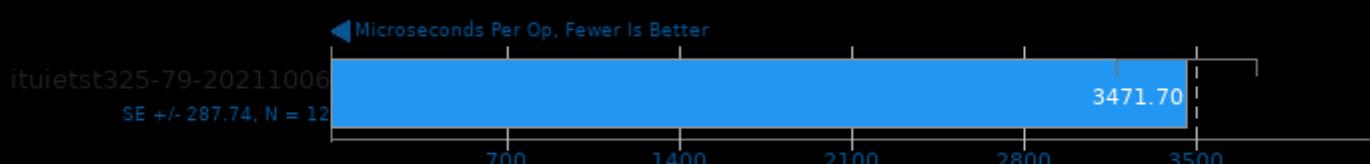
LevelDB 1.22

Benchmark: Fill Sync



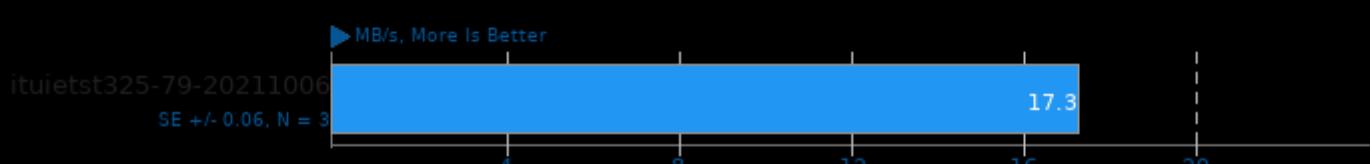
LevelDB 1.22

Benchmark: Fill Sync



LevelDB 1.22

Benchmark: Overwrite



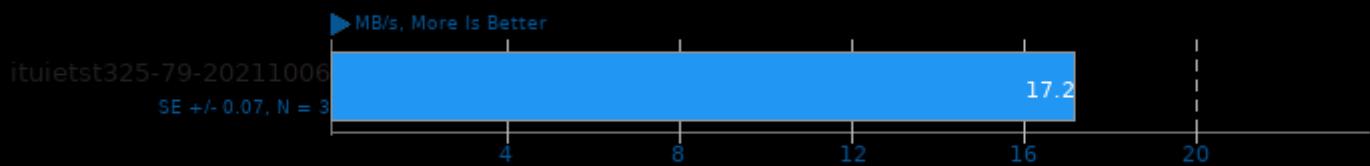
LevelDB 1.22

Benchmark: Overwrite



LevelDB 1.22

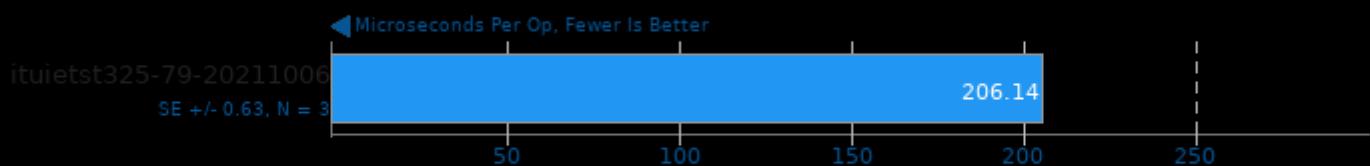
Benchmark: Random Fill



1. (CXX) g++ options: -O2 -lsnappy -lpthread

LevelDB 1.22

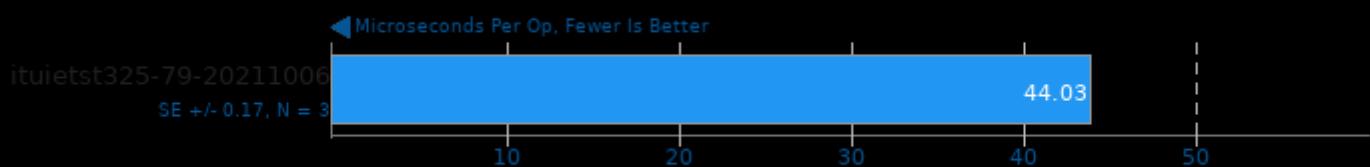
Benchmark: Random Fill



1. (CXX) g++ options: -O2 -lsnappy -lpthread

LevelDB 1.22

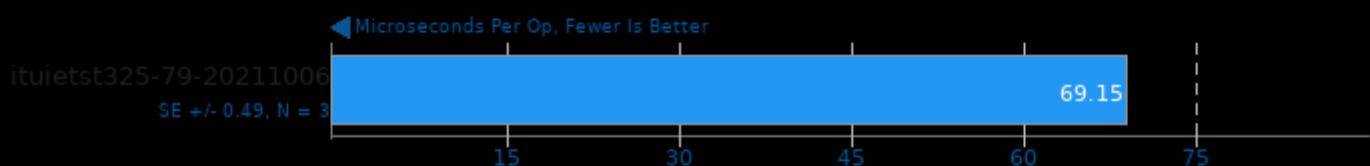
Benchmark: Random Read



1. (CXX) g++ options: -O2 -lsnappy -lpthread

LevelDB 1.22

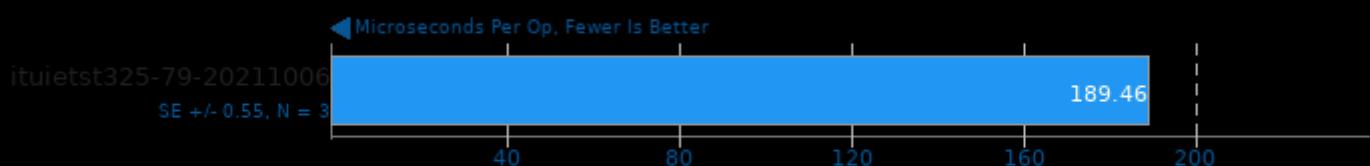
Benchmark: Seek Random



1. (CXX) g++ options: -O2 -lsnappy -lpthread

LevelDB 1.22

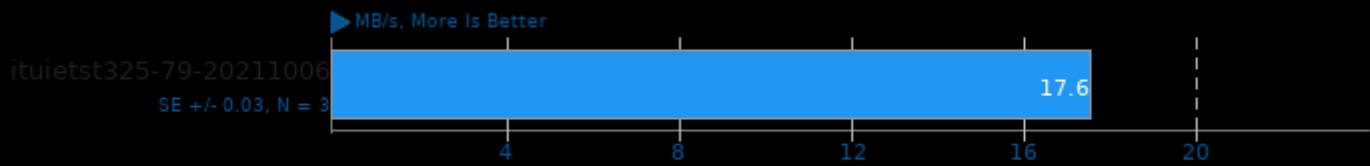
Benchmark: Random Delete



1. (CXX) g++ options: -O2 -lsnappy -lpthread

LevelDB 1.22

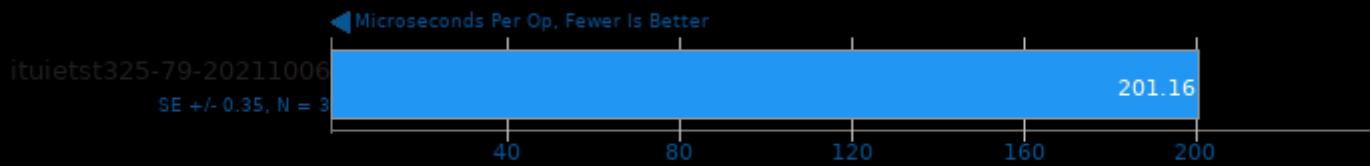
Benchmark: Sequential Fill



1. (CXX) g++ options: -O2 -lsnappy -lpthread

LevelDB 1.22

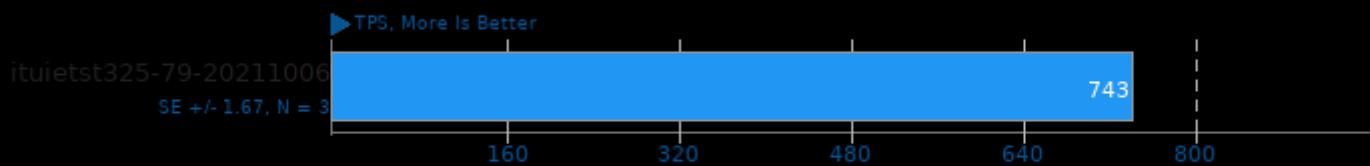
Benchmark: Sequential Fill



1. (CXX) g++ options: -O2 -lsnappy -lpthread

PostMark 1.51

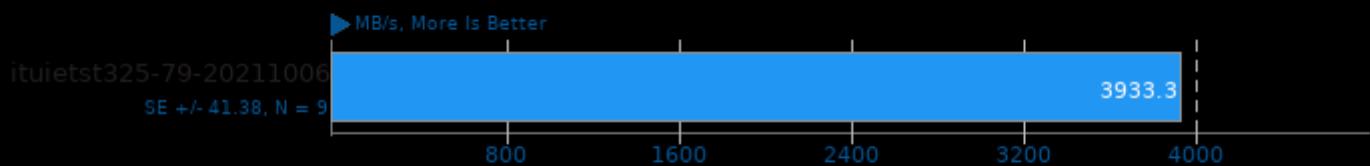
Disk Transaction Performance



1. (CC) gcc options: -O3

Tinymembench 2018-05-28

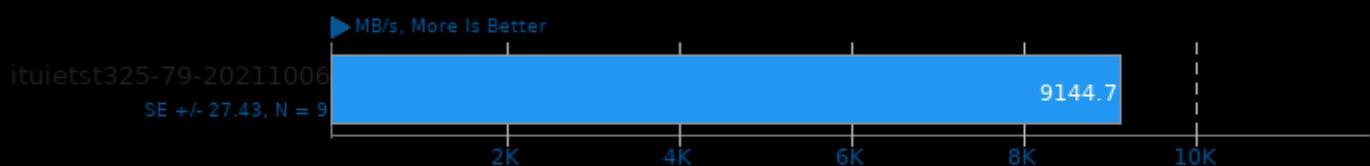
Standard Memcpy



1. (CC) gcc options: -O2 -lm

Tinymembench 2018-05-28

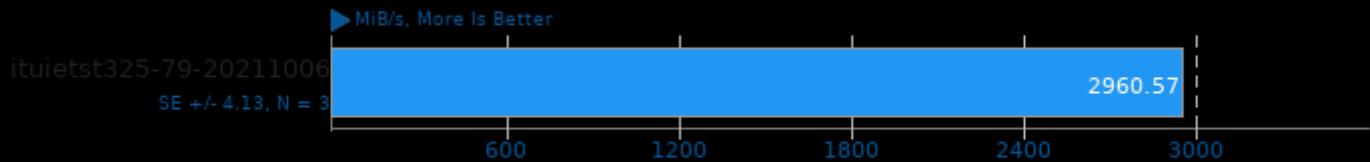
Standard Memset



1. (CC) gcc options: -O2 -lm

MBW 2018-09-08

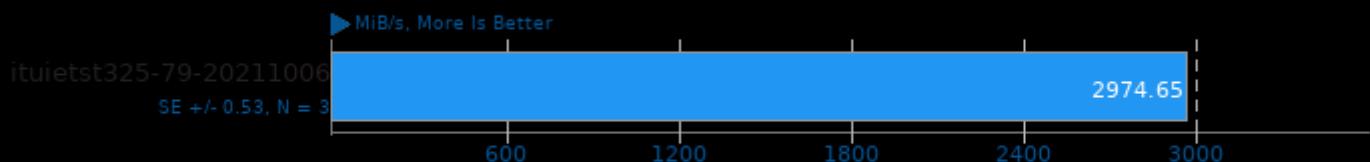
Test: Memory Copy - Array Size: 128 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

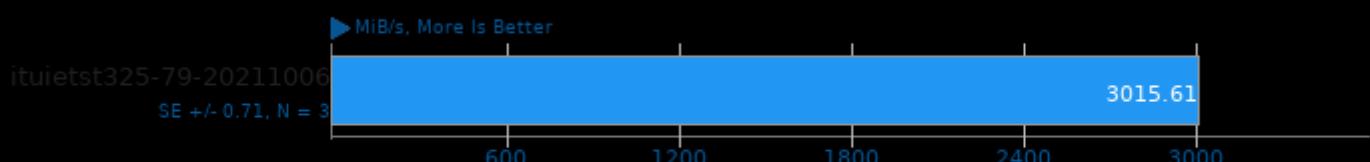
Test: Memory Copy - Array Size: 512 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

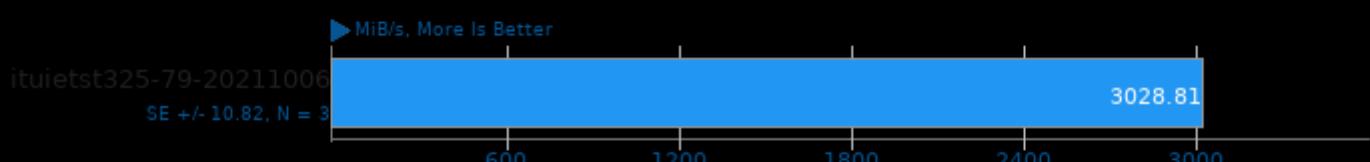
Test: Memory Copy - Array Size: 1024 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

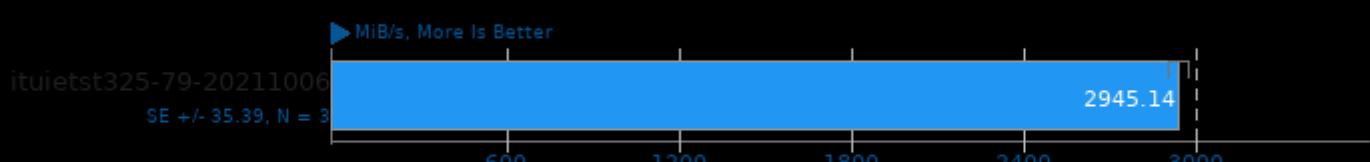
Test: Memory Copy - Array Size: 4096 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

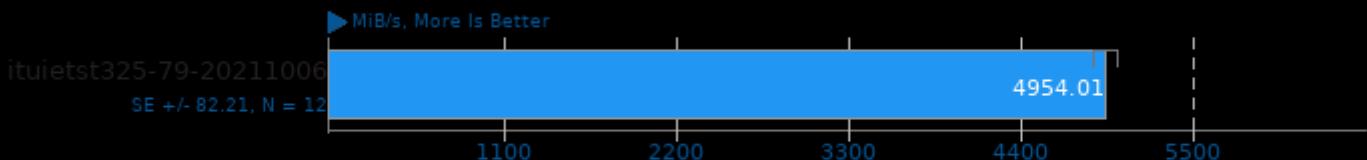
Test: Memory Copy - Array Size: 8192 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

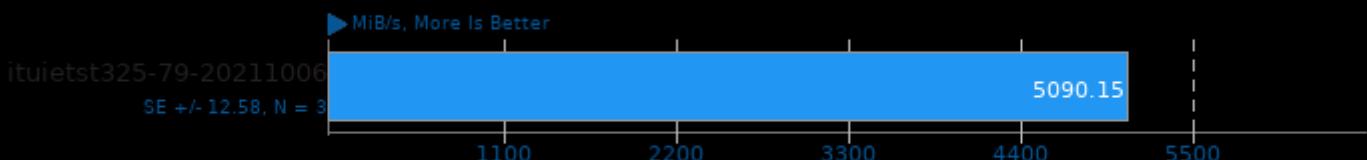
Test: Memory Copy, Fixed Block Size - Array Size: 128 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

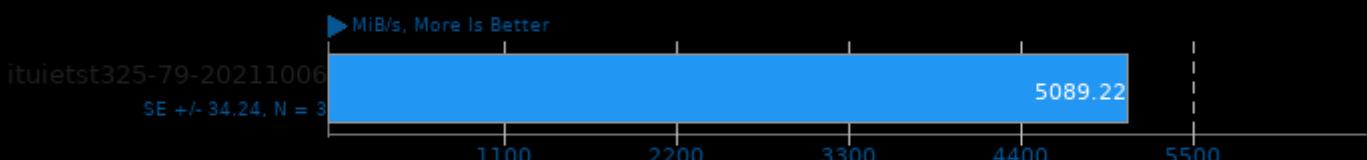
Test: Memory Copy, Fixed Block Size - Array Size: 512 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

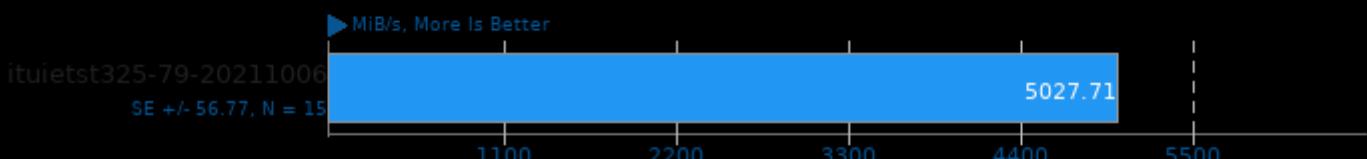
Test: Memory Copy, Fixed Block Size - Array Size: 1024 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

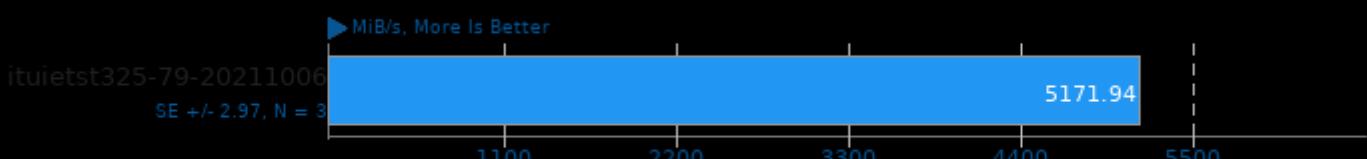
Test: Memory Copy, Fixed Block Size - Array Size: 4096 MiB



1. (CC) gcc options: -O3 -march=native

MBW 2018-09-08

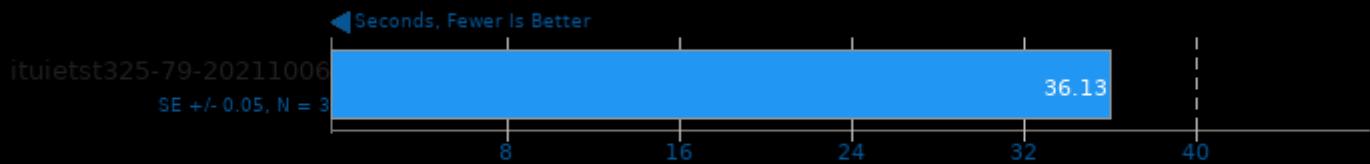
Test: Memory Copy, Fixed Block Size - Array Size: 8192 MiB



1. (CC) gcc options: -O3 -march=native

t-test1 2017-01-13

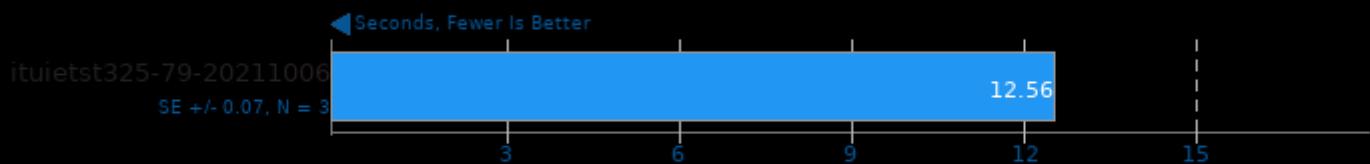
Threads: 1



1. (CC) gcc options: -pthread

t-test1 2017-01-13

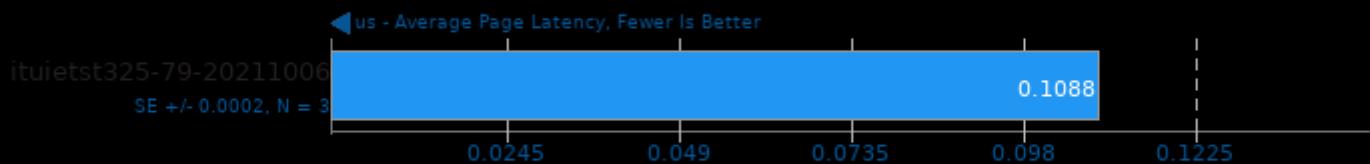
Threads: 2



1. (CC) gcc options: -pthread

pmbench

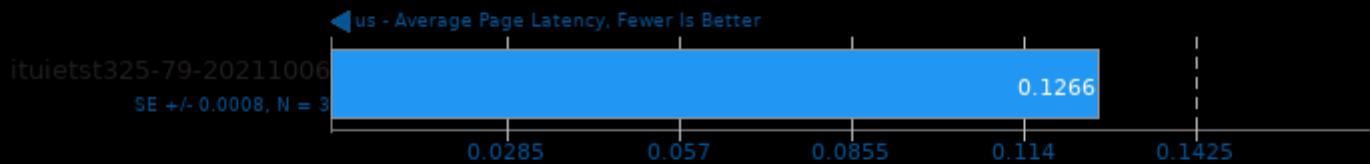
Concurrent Worker Threads: 1 - Read-Write Ratio: 50%



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

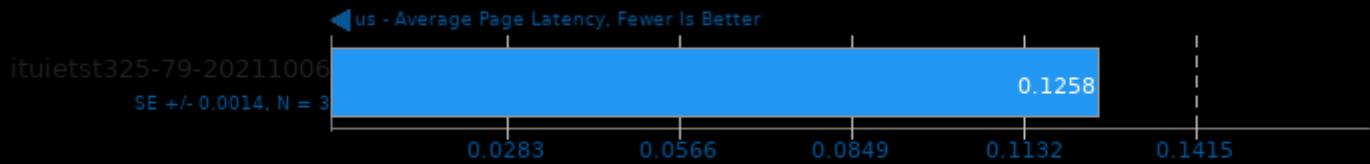
Concurrent Worker Threads: 2 - Read-Write Ratio: 50%



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

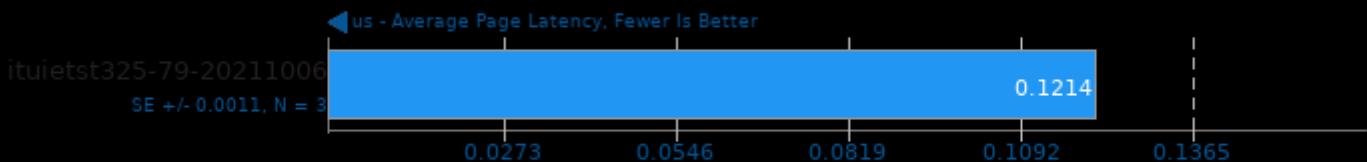
Concurrent Worker Threads: 4 - Read-Write Ratio: 50%



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

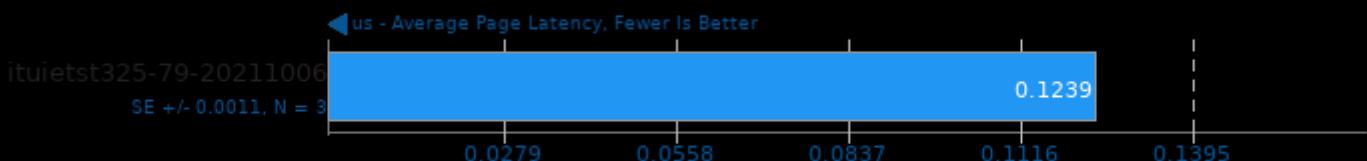
Concurrent Worker Threads: 8 - Read-Write Ratio: 50%



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

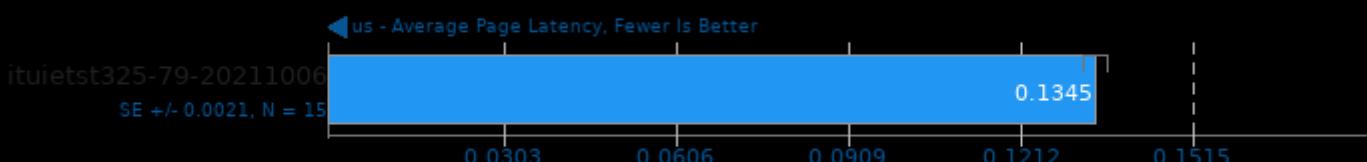
Concurrent Worker Threads: 16 - Read-Write Ratio: 50%



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

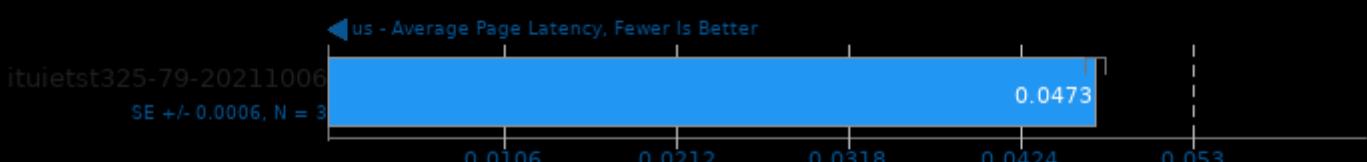
Concurrent Worker Threads: 32 - Read-Write Ratio: 50%



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

Concurrent Worker Threads: 1 - Read-Write Ratio: 100% Reads



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

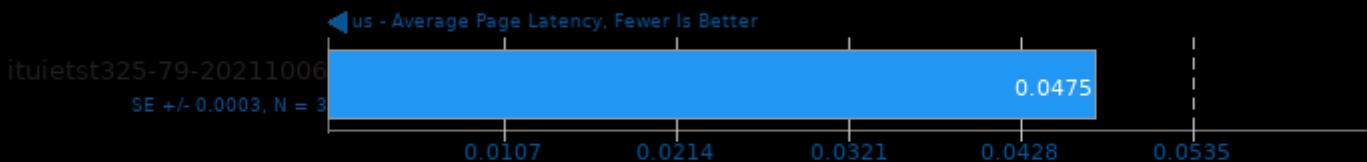
Concurrent Worker Threads: 2 - Read-Write Ratio: 100% Reads



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

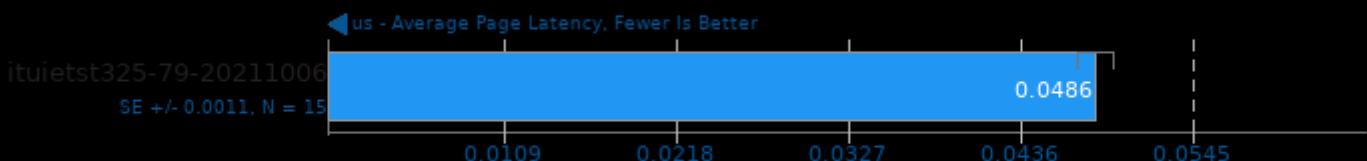
Concurrent Worker Threads: 4 - Read-Write Ratio: 100% Reads



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

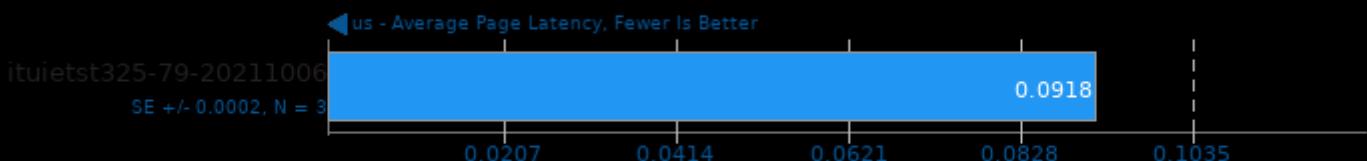
Concurrent Worker Threads: 8 - Read-Write Ratio: 100% Reads



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

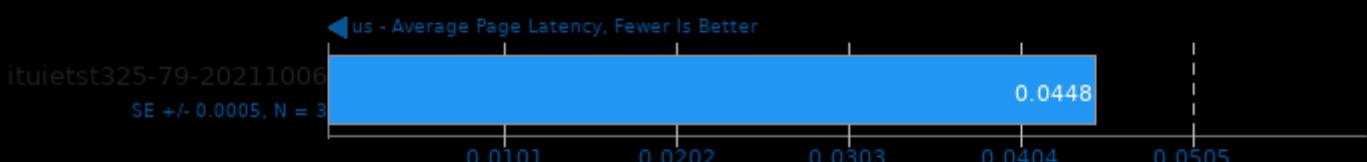
Concurrent Worker Threads: 1 - Read-Write Ratio: 100% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

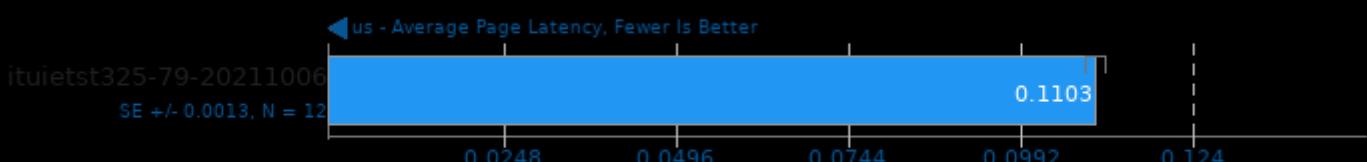
Concurrent Worker Threads: 16 - Read-Write Ratio: 100% Reads



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

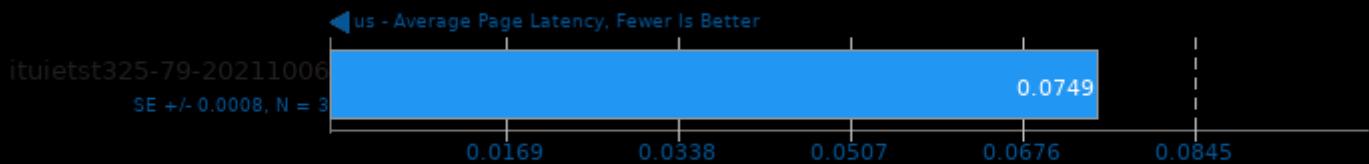
Concurrent Worker Threads: 2 - Read-Write Ratio: 100% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

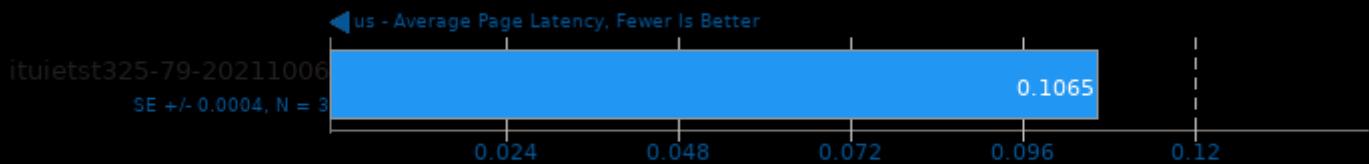
Concurrent Worker Threads: 32 - Read-Write Ratio: 100% Reads



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

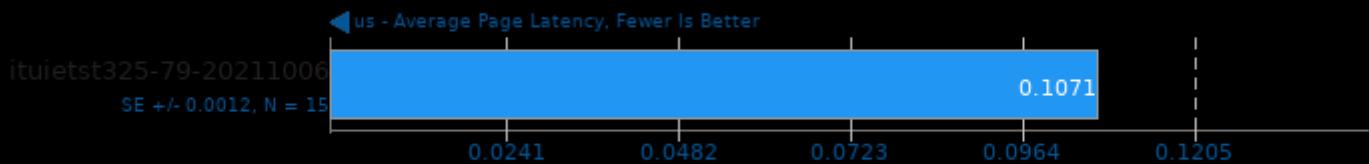
Concurrent Worker Threads: 4 - Read-Write Ratio: 100% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

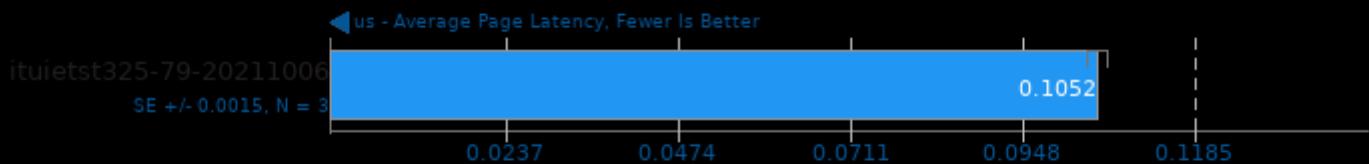
Concurrent Worker Threads: 8 - Read-Write Ratio: 100% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

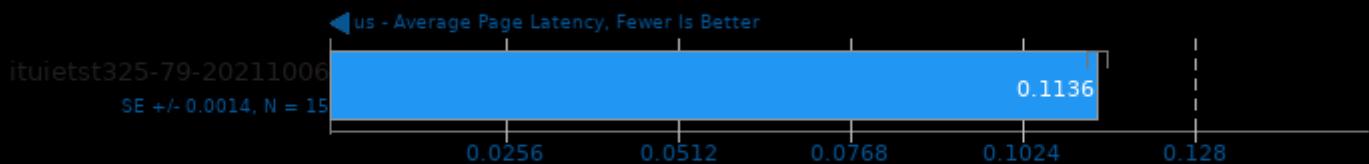
Concurrent Worker Threads: 16 - Read-Write Ratio: 100% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

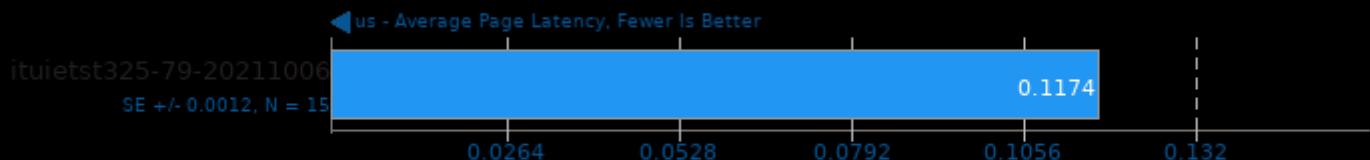
Concurrent Worker Threads: 32 - Read-Write Ratio: 100% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

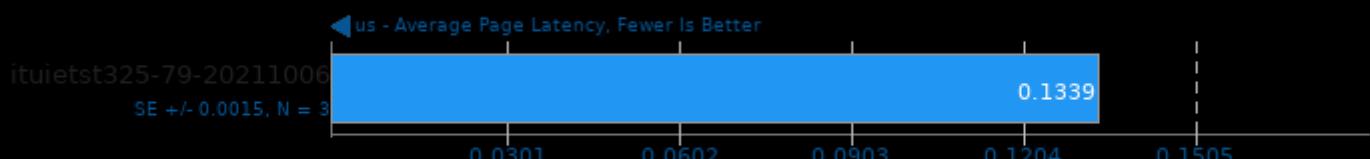
Concurrent Worker Threads: 1 - Read-Write Ratio: 80% Reads 20% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

Concurrent Worker Threads: 2 - Read-Write Ratio: 80% Reads 20% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

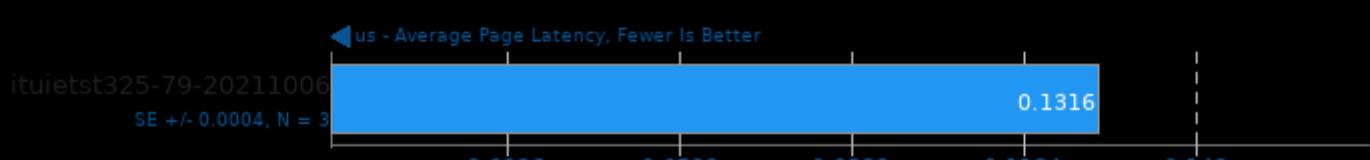
Concurrent Worker Threads: 4 - Read-Write Ratio: 80% Reads 20% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

Concurrent Worker Threads: 8 - Read-Write Ratio: 80% Reads 20% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

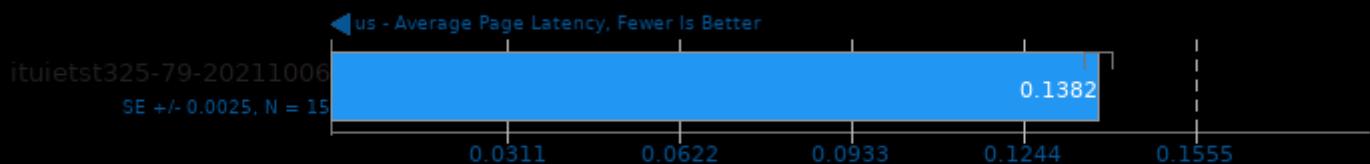
Concurrent Worker Threads: 16 - Read-Write Ratio: 80% Reads 20% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

pmbench

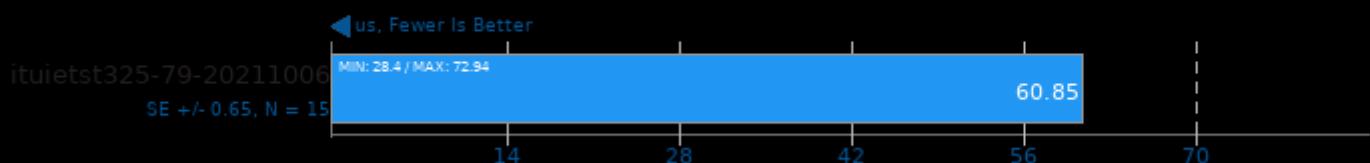
Concurrent Worker Threads: 32 - Read-Write Ratio: 80% Reads 20% Writes



1. (CC) gcc options: -lm -luuid -lxml2 -m64 -pthread

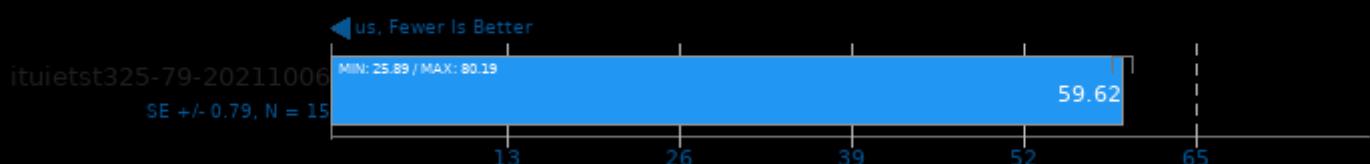
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Latency - Threads: 1



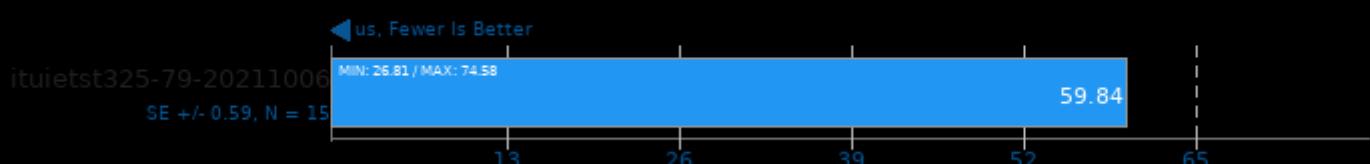
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Latency - Threads: 8



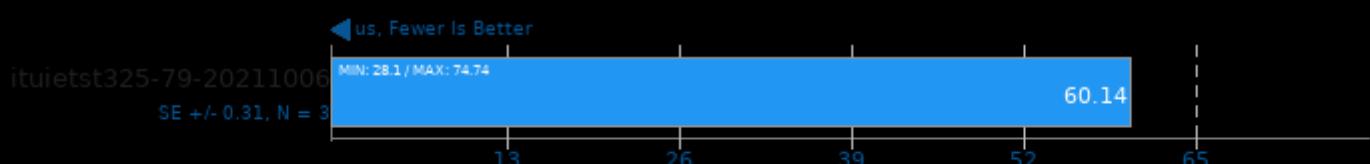
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Latency - Threads: 32



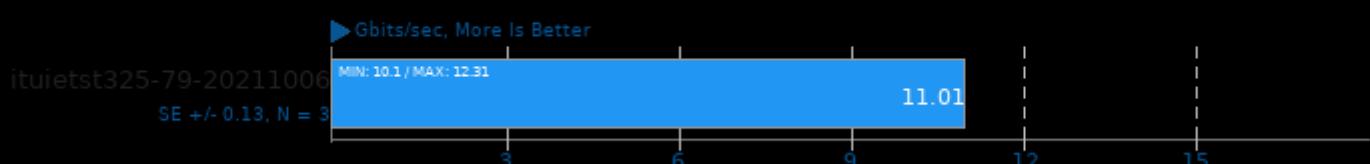
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Latency - Threads: 64



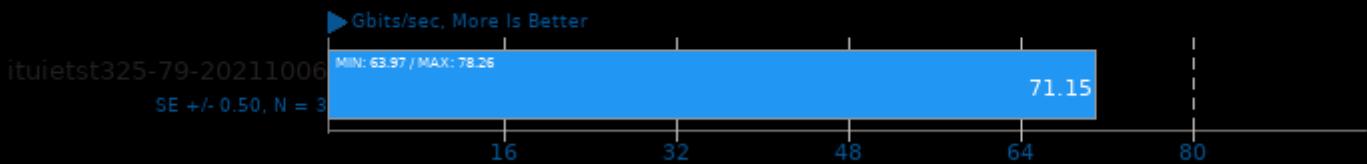
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Bandwidth - Threads: 1



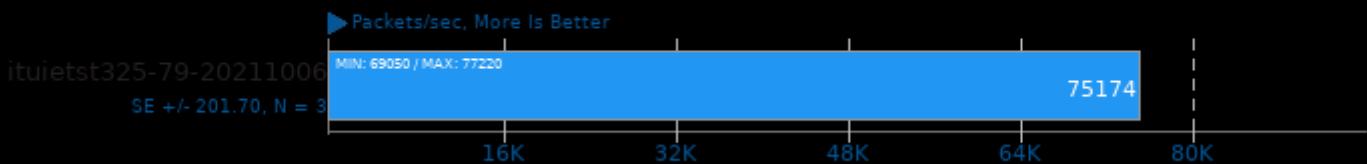
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Bandwidth - Threads: 8



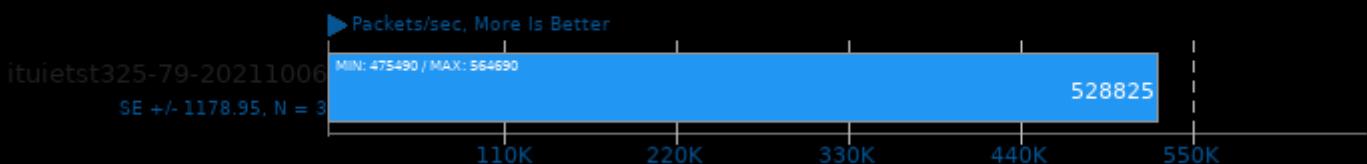
Ethr 1.0

Server Address: localhost - Protocol: UDP - Test: Bandwidth - Threads: 1



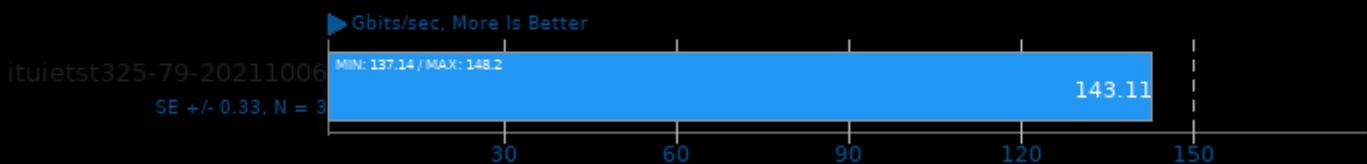
Ethr 1.0

Server Address: localhost - Protocol: UDP - Test: Bandwidth - Threads: 8



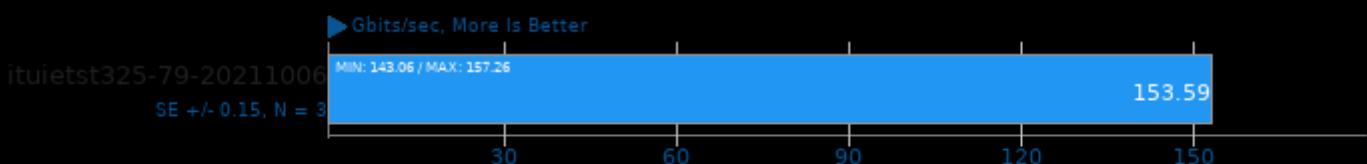
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Bandwidth - Threads: 32



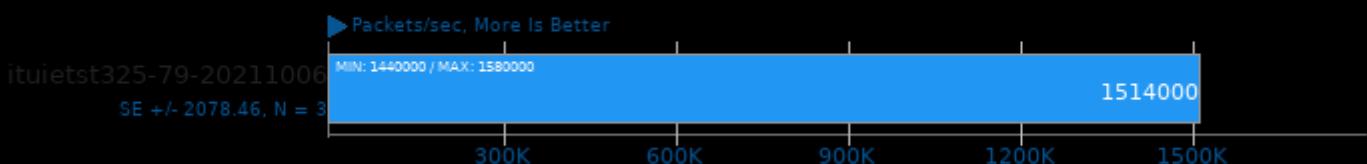
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Bandwidth - Threads: 64



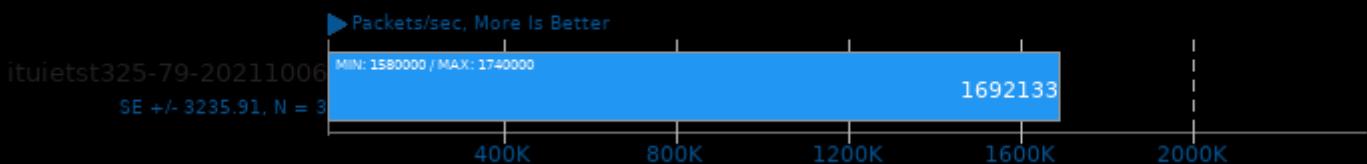
Ethr 1.0

Server Address: localhost - Protocol: UDP - Test: Bandwidth - Threads: 32



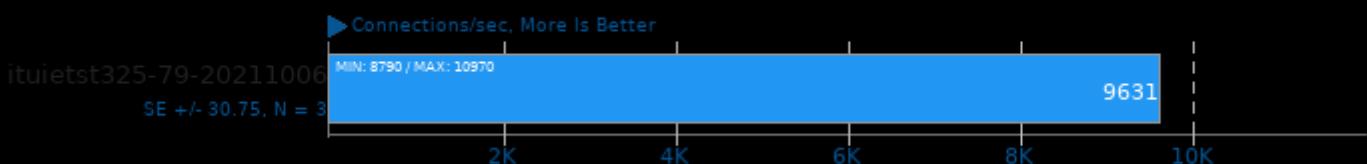
Ethr 1.0

Server Address: localhost - Protocol: UDP - Test: Bandwidth - Threads: 64



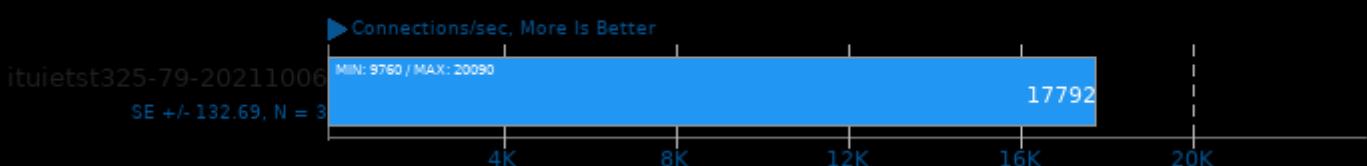
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Connections/s - Threads: 1



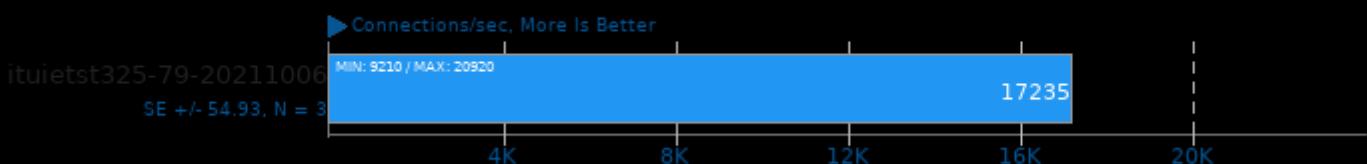
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Connections/s - Threads: 8



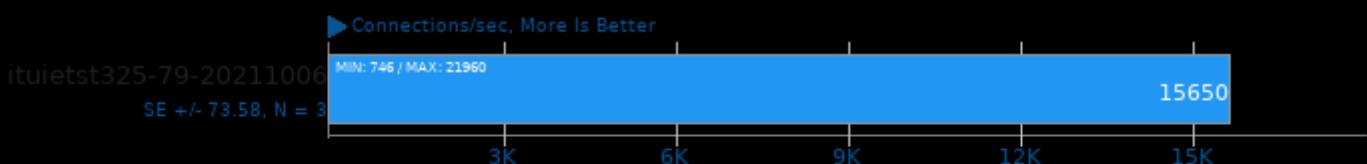
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Connections/s - Threads: 32



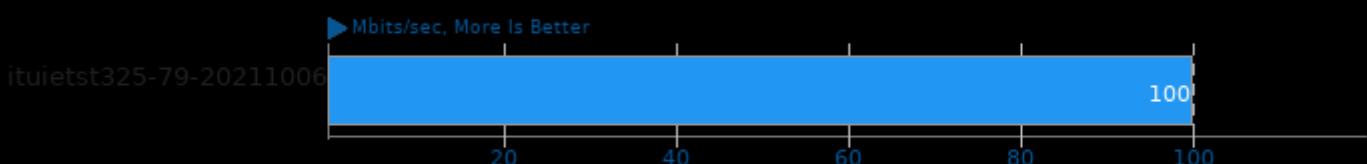
Ethr 1.0

Server Address: localhost - Protocol: TCP - Test: Connections/s - Threads: 64



iPerf 3.7

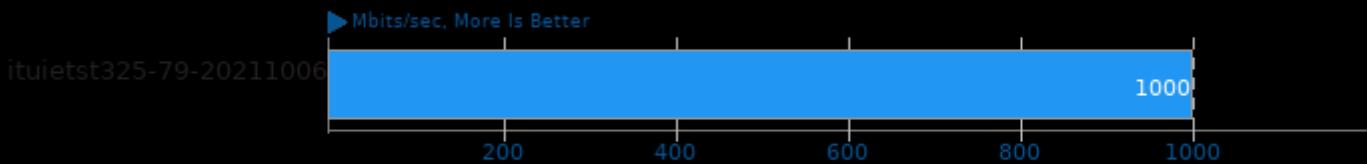
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 100Mbit Objective - Parallel: 1



1. (CC) gcc options: -O3 -march=native -fssl -lcrypto -lm

iPerf 3.7

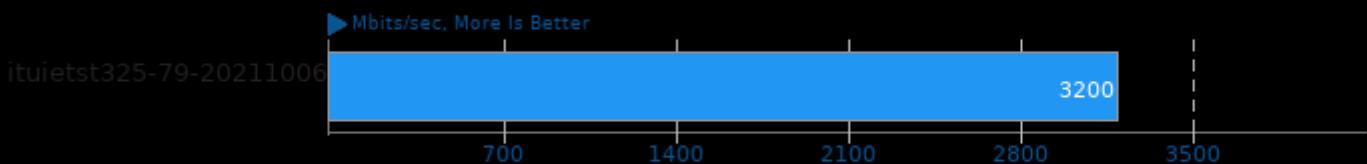
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 1000Mbit Objective - Parallel: 1



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iPerf 3.7

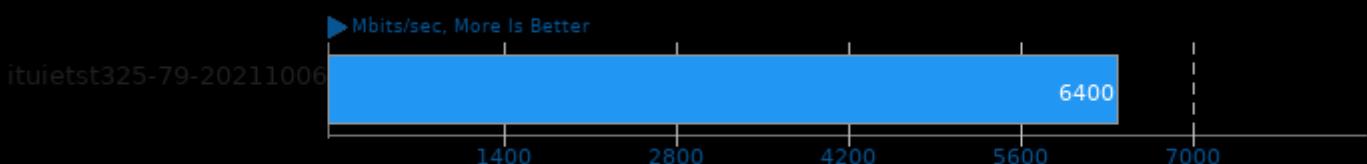
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 100Mbit Objective - Parallel: 32



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iPerf 3.7

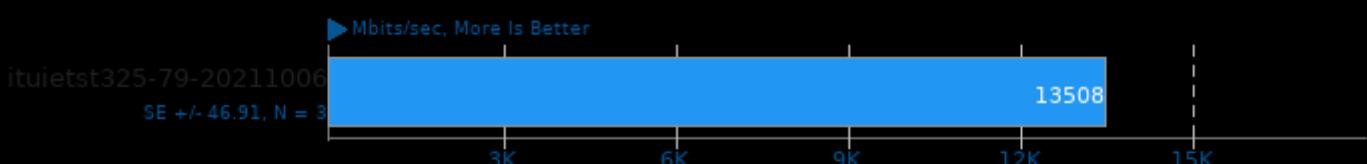
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 100Mbit Objective - Parallel: 64



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iPerf 3.7

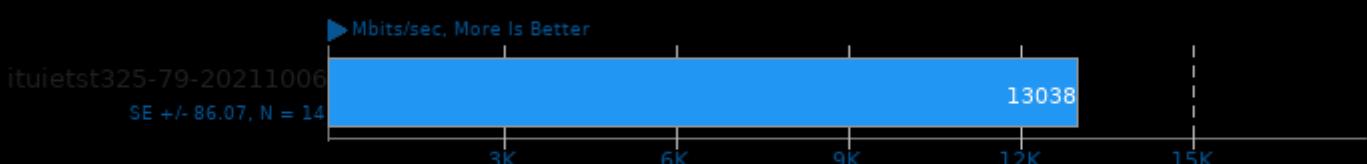
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 1000Mbit Objective - Parallel: 32



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iPerf 3.7

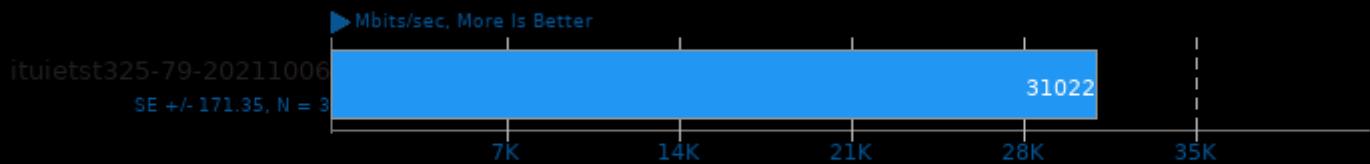
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 1000Mbit Objective - Parallel: 64



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iPerf 3.7

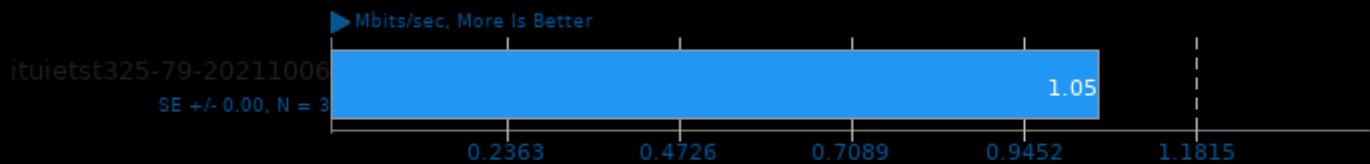
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: TCP - Parallel: 1



1. (CC) gcc options: -O3 -march=native -lssl -lcrypto -lm

iPerf 3.7

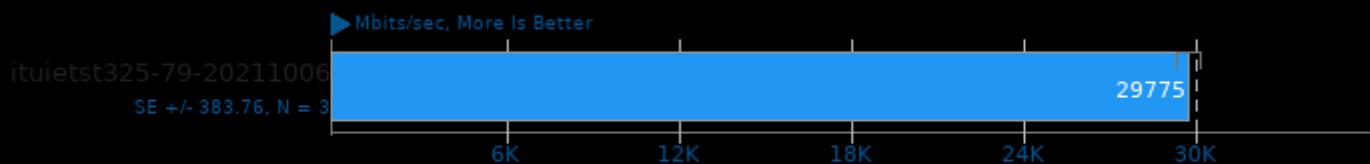
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - Parallel: 1



1. (CC) gcc options: -O3 -march=native -lssl -lcrypto -lm

iPerf 3.7

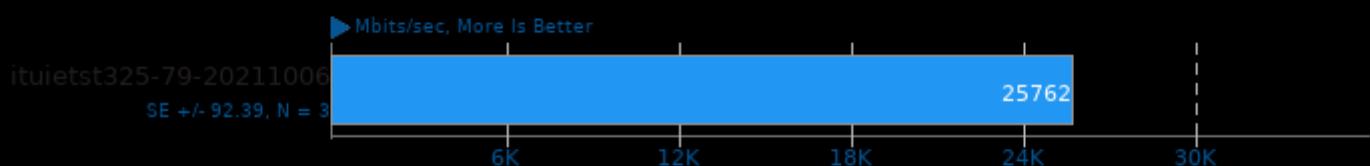
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: TCP - Parallel: 32



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iPerf 3.7

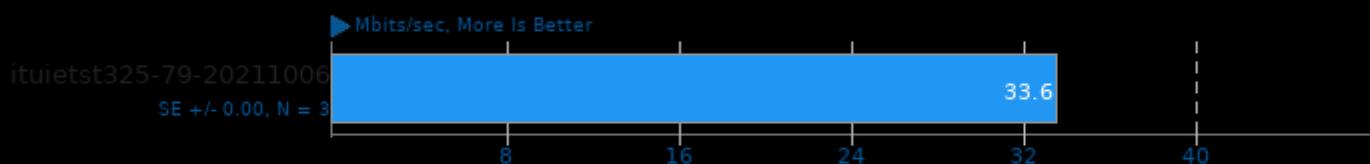
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: TCP - Parallel: 64



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iPerf 3.7

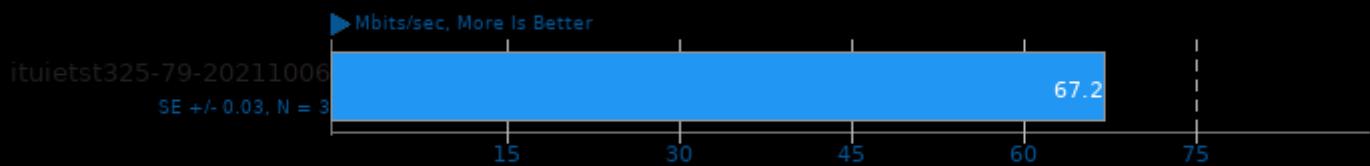
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - Parallel: 32



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iPerf 3.7

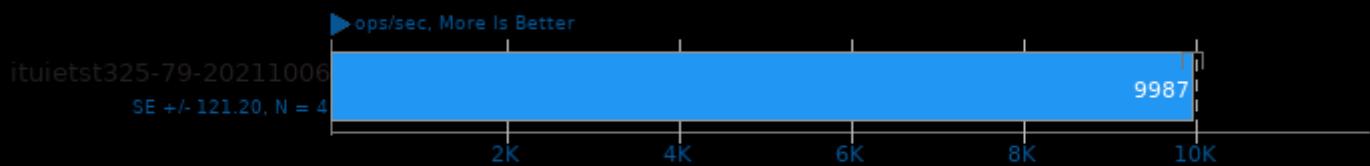
Server Address: localhost - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - Parallel: 64



1. (CC) gcc options: -O3 -march=native -lssl -lcrypto -lm

perf-bench

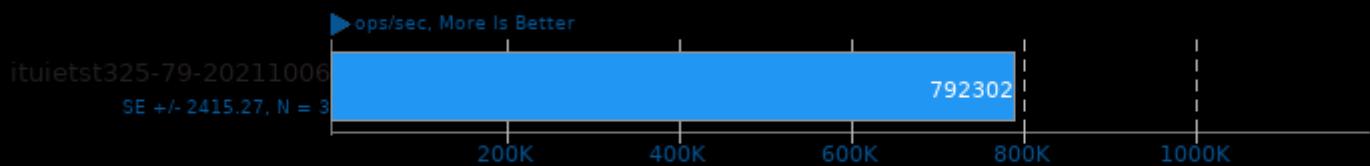
Benchmark: Epoll Wait



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

perf-bench

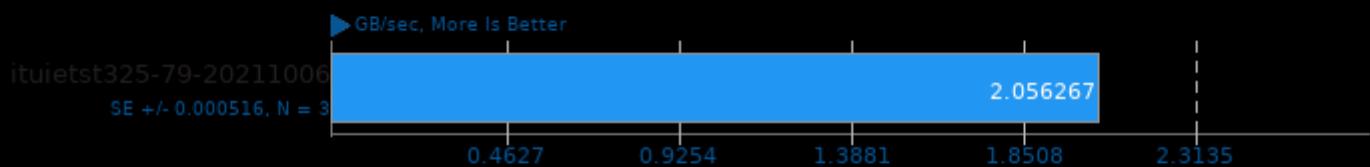
Benchmark: Futex Hash



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

perf-bench

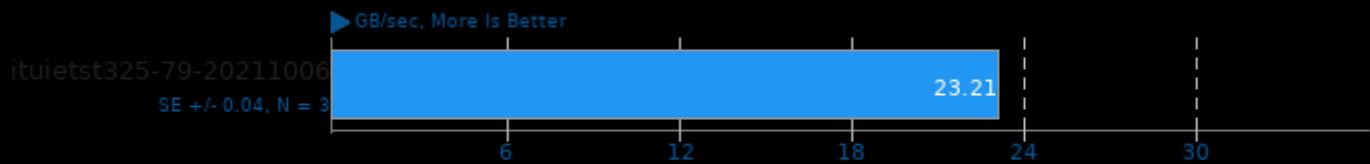
Benchmark: Memcpy 1MB



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

perf-bench

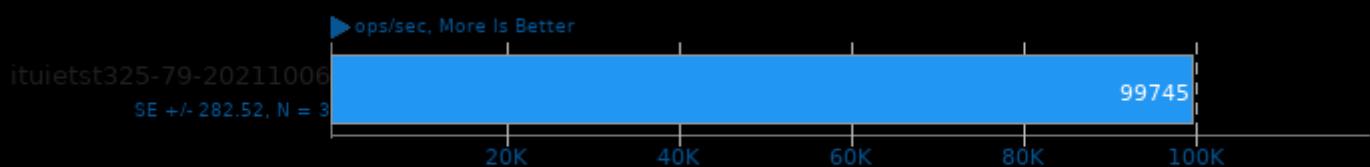
Benchmark: Memset 1MB



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

perf-bench

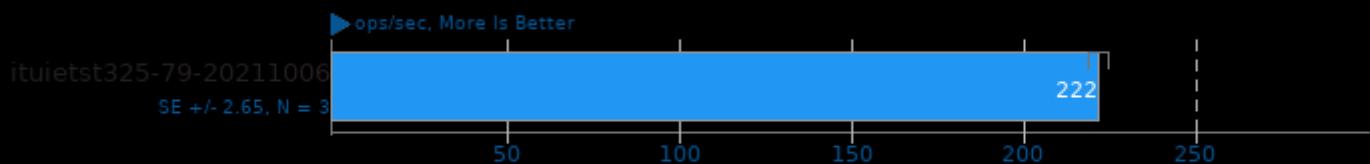
Benchmark: Sched Pipe



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

perf-bench

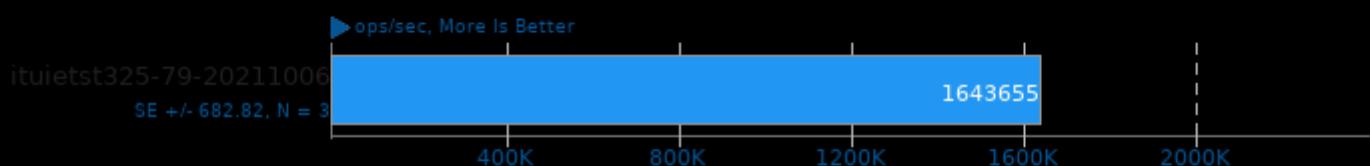
Benchmark: Futex Lock-Pi



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

perf-bench

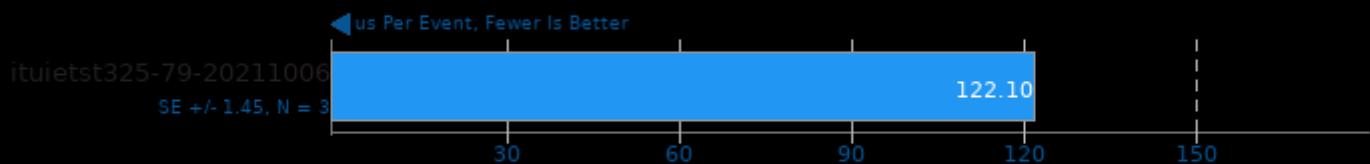
Benchmark: Syscall Basic



1. (CC) gcc options: -pthread -shared -lunwind-x86_64 -lunwind -llzma -fstack-protector -Xlinker -export-dynamic -O6 -ggdb3 -funwind-tables -std=gnu99

OSBench

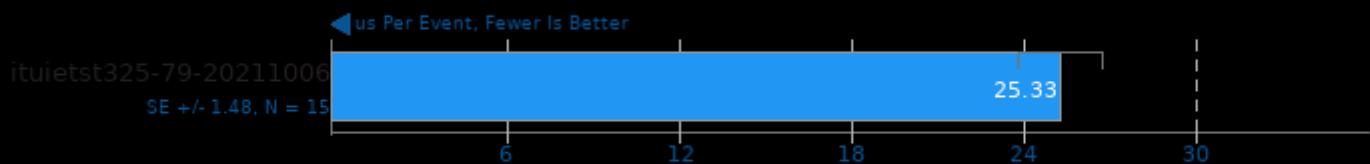
Test: Create Files



1. (CC) gcc options: -lm

OSBench

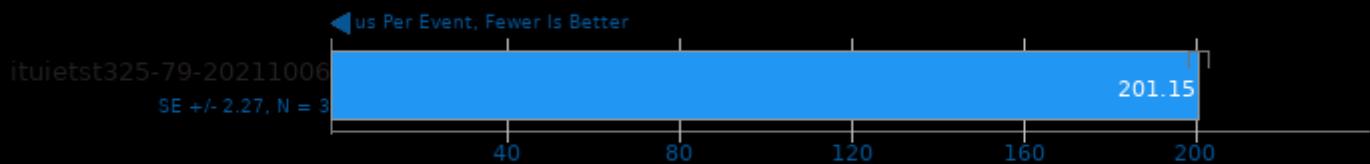
Test: Create Threads



1. (CC) gcc options: -lm

OSBench

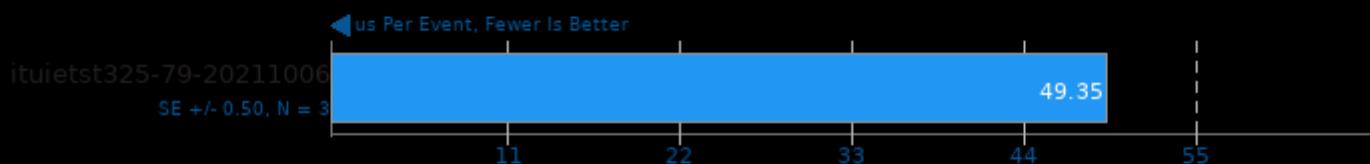
Test: Launch Programs



1. (CC) gcc options: -lm

OSBench

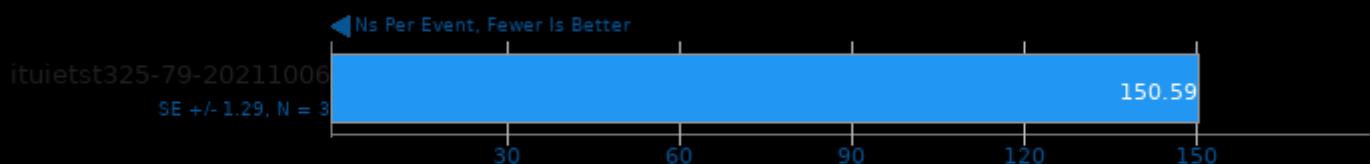
Test: Create Processes



1. (CC) gcc options: -lm

OSBench

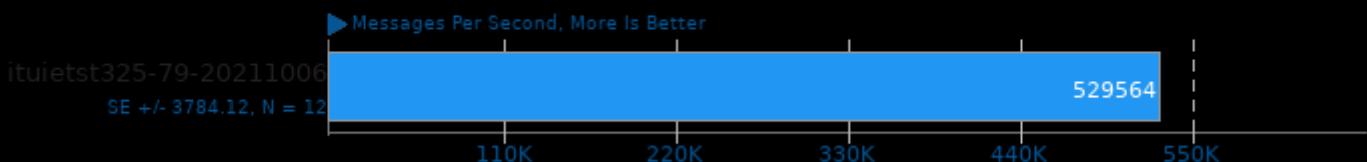
Test: Memory Allocations



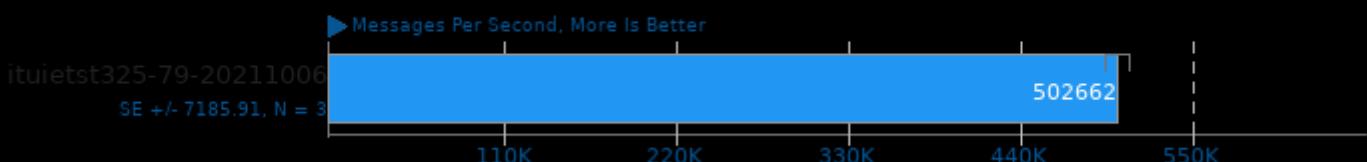
1. (CC) gcc options: -lm

IPC_benchmark

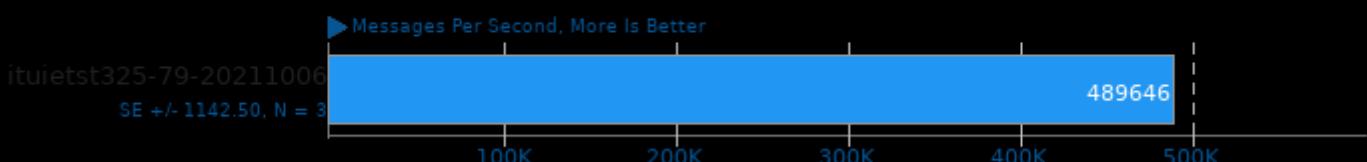
Type: TCP Socket - Message Bytes: 128

**IPC_benchmark**

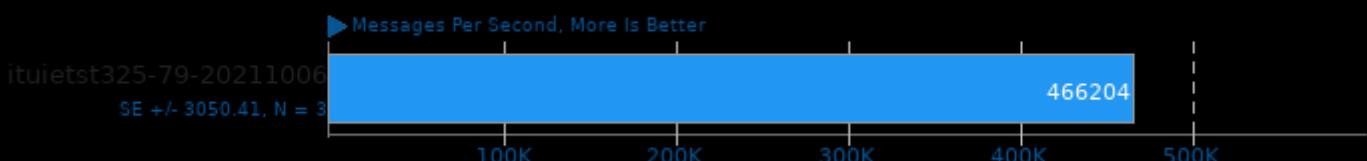
Type: TCP Socket - Message Bytes: 256

**IPC_benchmark**

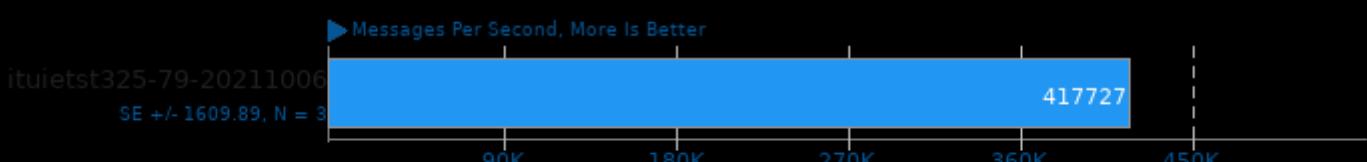
Type: TCP Socket - Message Bytes: 512

**IPC_benchmark**

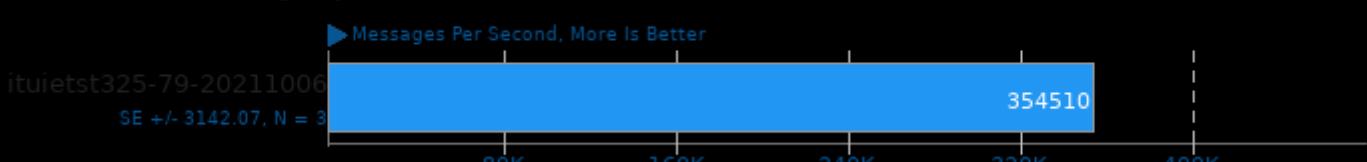
Type: TCP Socket - Message Bytes: 1024

**IPC_benchmark**

Type: TCP Socket - Message Bytes: 2048

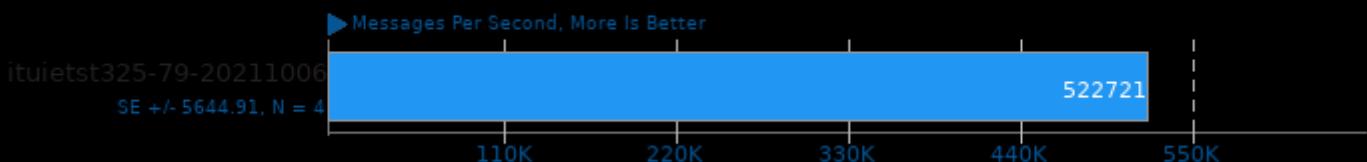
**IPC_benchmark**

Type: TCP Socket - Message Bytes: 4096

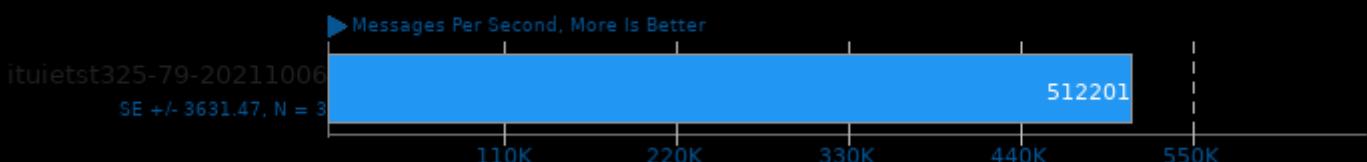


IPC_benchmark

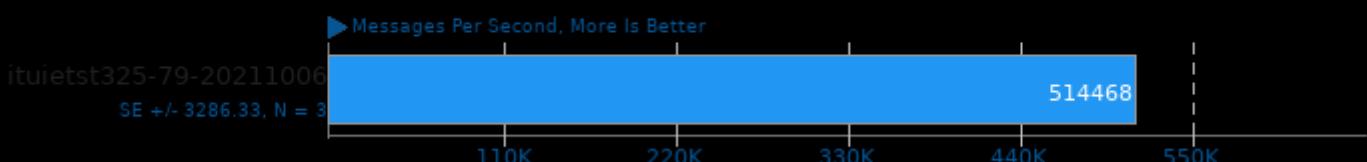
Type: Unnamed Pipe - Message Bytes: 128

**IPC_benchmark**

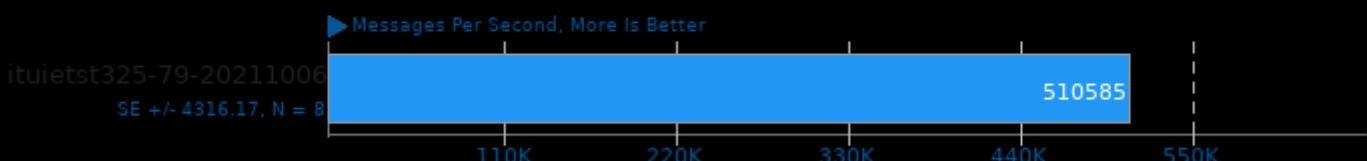
Type: Unnamed Pipe - Message Bytes: 256

**IPC_benchmark**

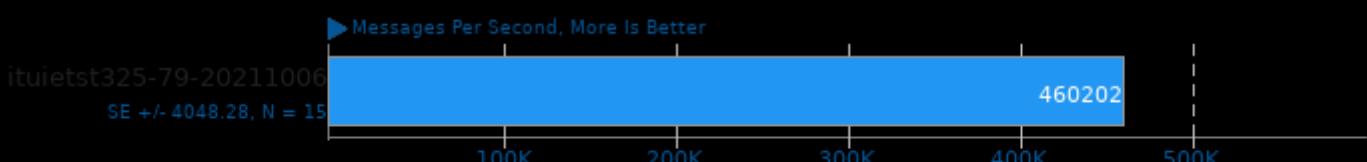
Type: Unnamed Pipe - Message Bytes: 512

**IPC_benchmark**

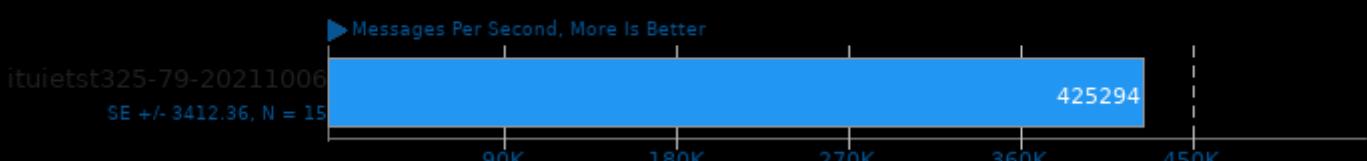
Type: Unnamed Pipe - Message Bytes: 1024

**IPC_benchmark**

Type: Unnamed Pipe - Message Bytes: 2048

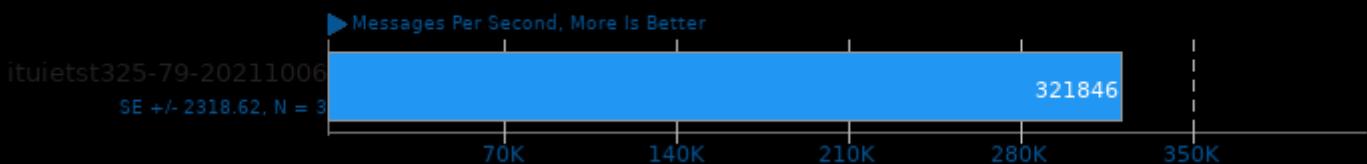
**IPC_benchmark**

Type: Unnamed Pipe - Message Bytes: 4096

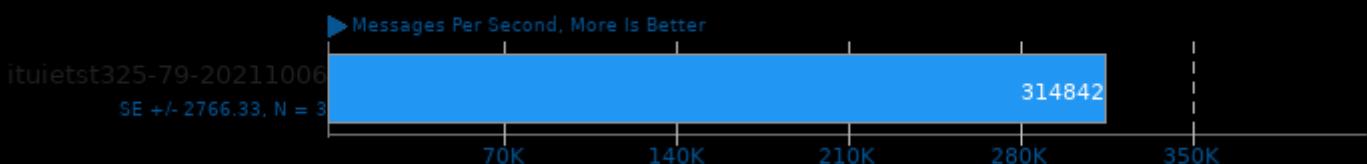


IPC_benchmark

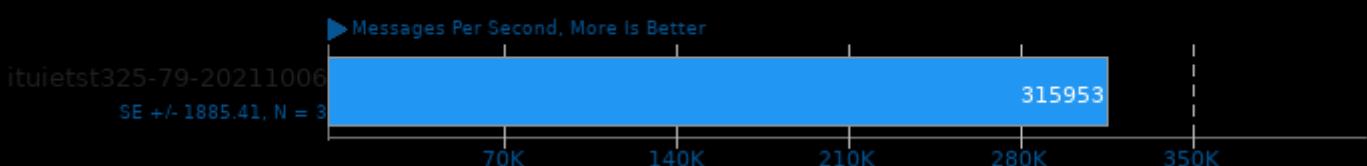
Type: FIFO Named Pipe - Message Bytes: 128

**IPC_benchmark**

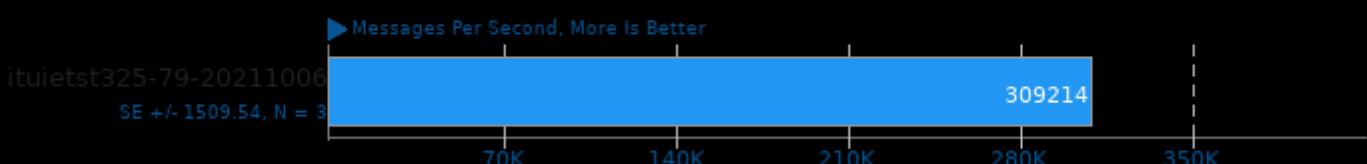
Type: FIFO Named Pipe - Message Bytes: 256

**IPC_benchmark**

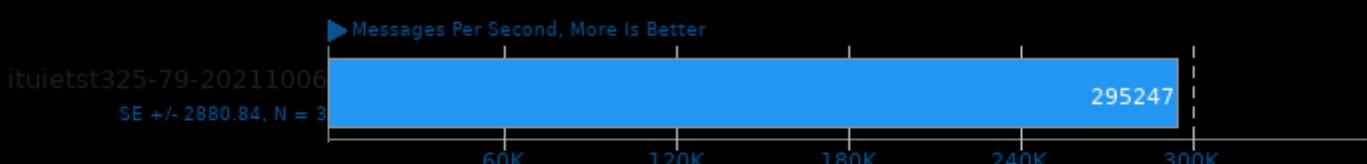
Type: FIFO Named Pipe - Message Bytes: 512

**IPC_benchmark**

Type: FIFO Named Pipe - Message Bytes: 1024

**IPC_benchmark**

Type: FIFO Named Pipe - Message Bytes: 2048

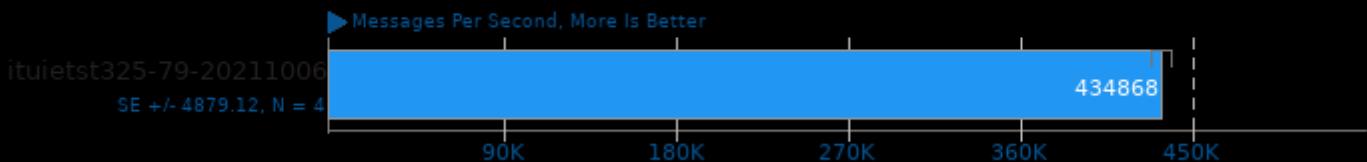
**IPC_benchmark**

Type: FIFO Named Pipe - Message Bytes: 4096

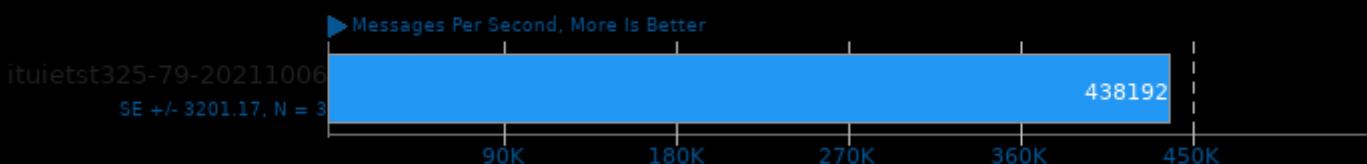


IPC_benchmark

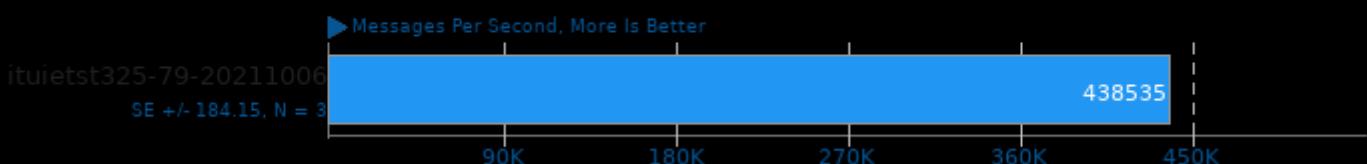
Type: Unnamed Unix Domain Socket - Message Bytes: 128

**IPC_benchmark**

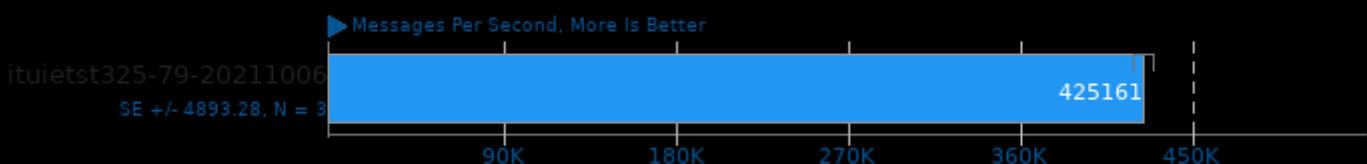
Type: Unnamed Unix Domain Socket - Message Bytes: 256

**IPC_benchmark**

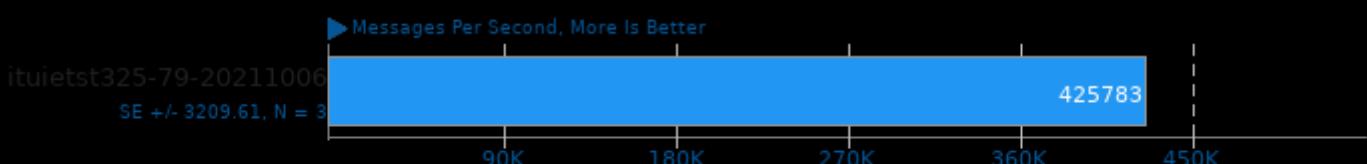
Type: Unnamed Unix Domain Socket - Message Bytes: 512

**IPC_benchmark**

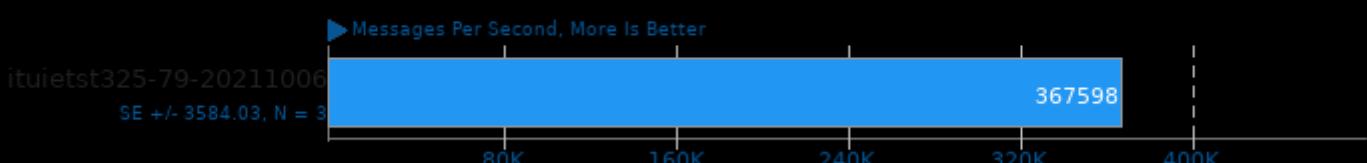
Type: Unnamed Unix Domain Socket - Message Bytes: 1024

**IPC_benchmark**

Type: Unnamed Unix Domain Socket - Message Bytes: 2048

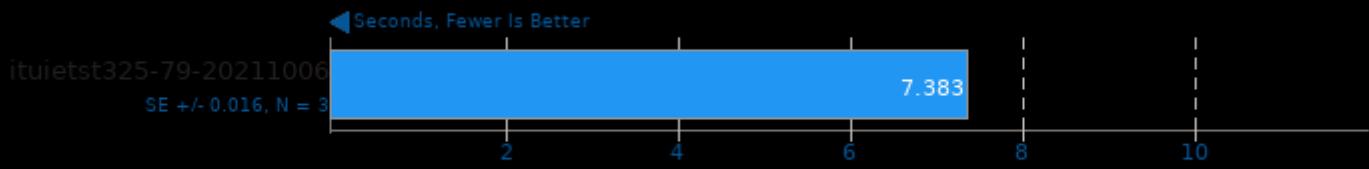
**IPC_benchmark**

Type: Unnamed Unix Domain Socket - Message Bytes: 4096



Hackbench

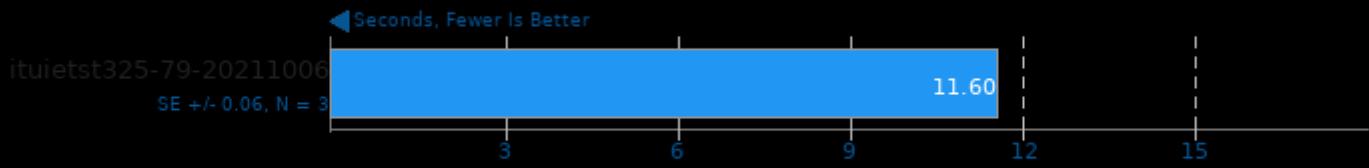
Count: 1 - Type: Thread



1. (CC) gcc options: -lpthread

Hackbench

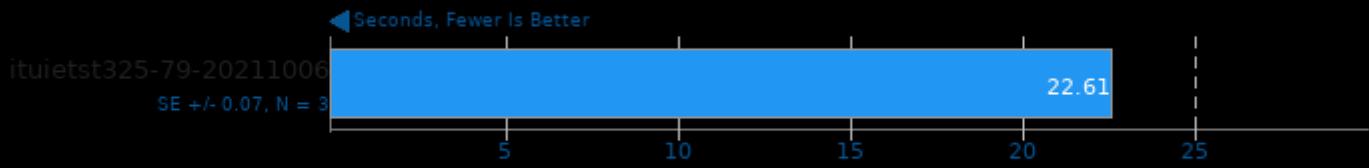
Count: 2 - Type: Thread



1. (CC) gcc options: -lpthread

Hackbench

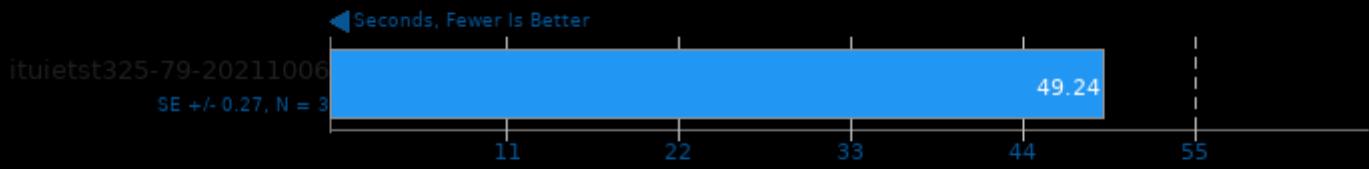
Count: 4 - Type: Thread



1. (CC) gcc options: -lpthread

Hackbench

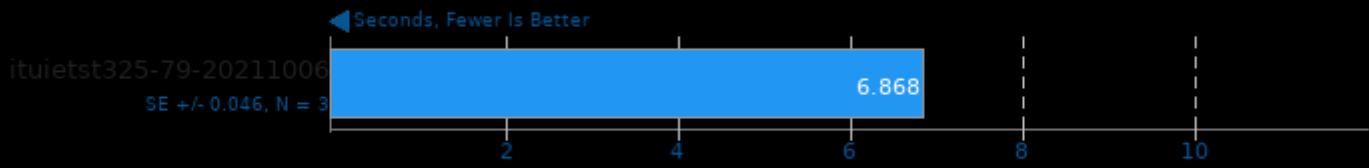
Count: 8 - Type: Thread



1. (CC) gcc options: -lpthread

Hackbench

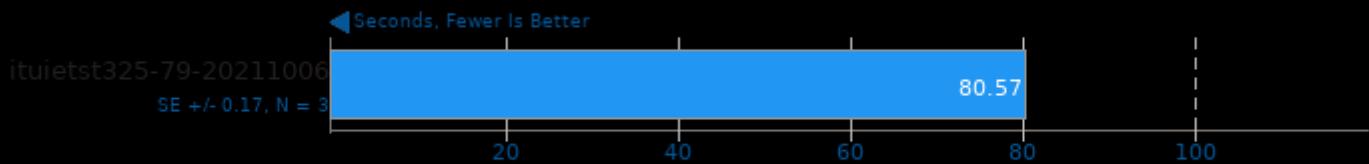
Count: 1 - Type: Process



1. (CC) gcc options: -lpthread

Hackbench

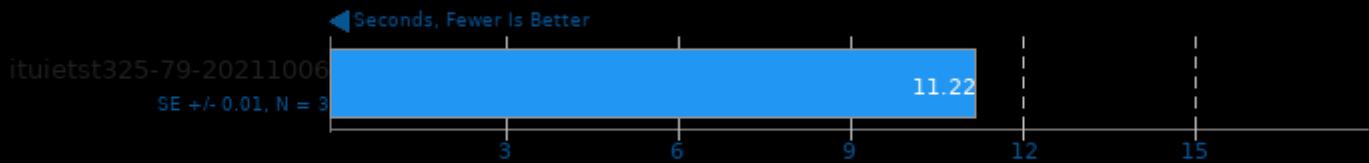
Count: 16 - Type: Thread



1. (CC) gcc options: -lpthread

Hackbench

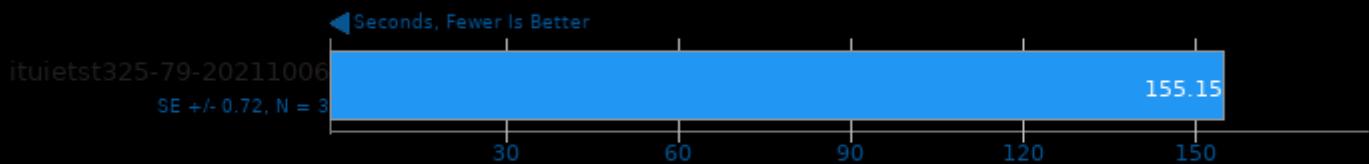
Count: 2 - Type: Process



1. (CC) gcc options: -lpthread

Hackbench

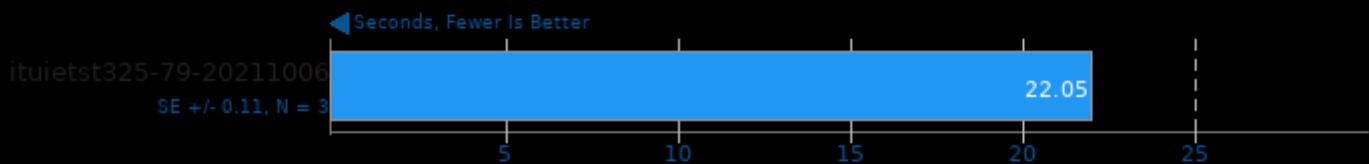
Count: 32 - Type: Thread



1. (CC) gcc options: -lpthread

Hackbench

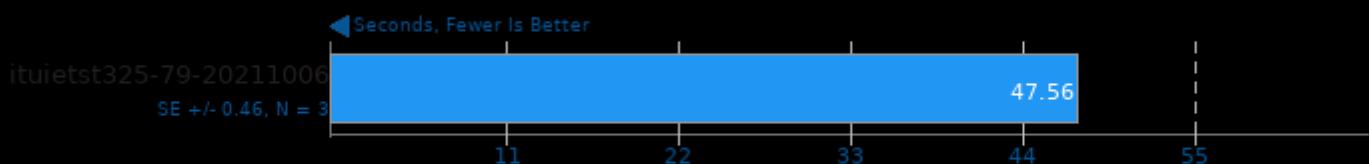
Count: 4 - Type: Process



1. (CC) gcc options: -lpthread

Hackbench

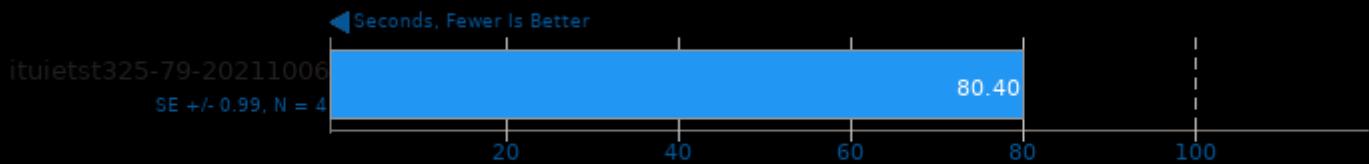
Count: 8 - Type: Process



1. (CC) gcc options: -lpthread

Hackbench

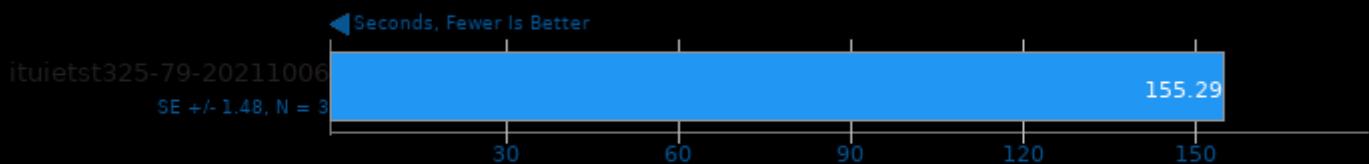
Count: 16 - Type: Process



1. (CC) gcc options: -lpthread

Hackbench

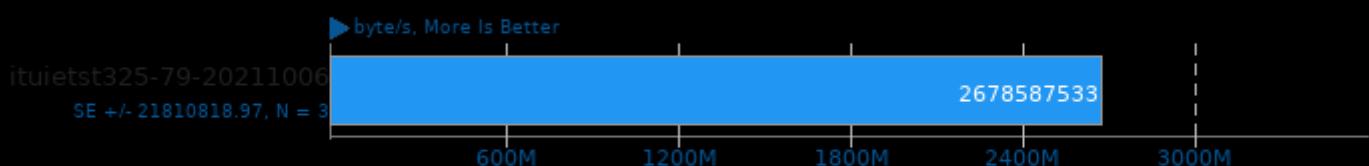
Count: 32 - Type: Process



1. (CC) gcc options: -lpthread

OpenSSL 3.0

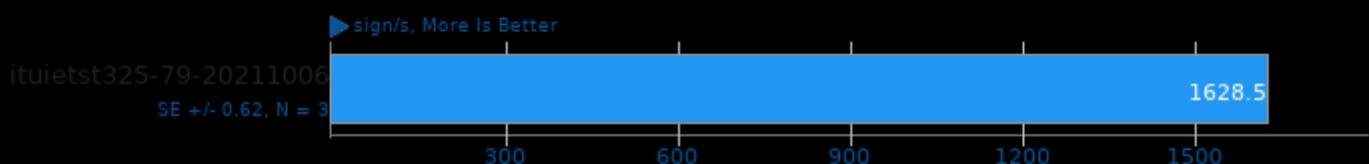
Algorithm: SHA256



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

OpenSSL 3.0

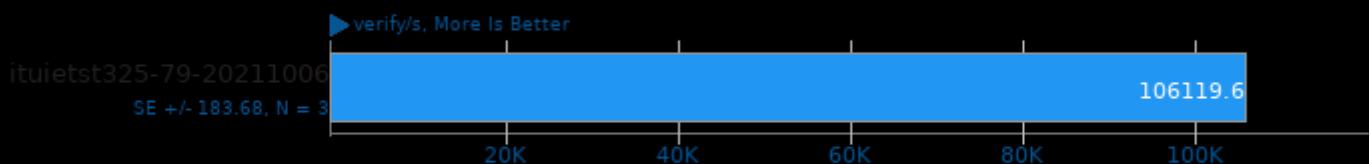
Algorithm: RSA4096



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

OpenSSL 3.0

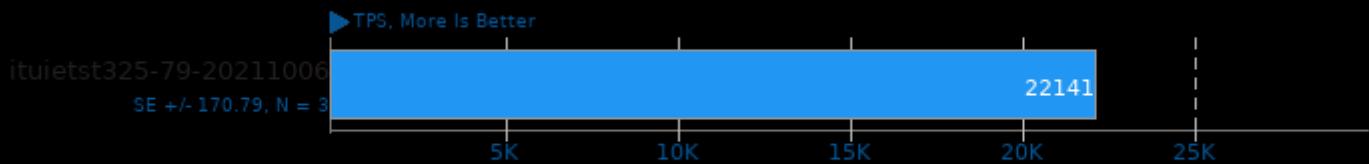
Algorithm: RSA4096



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

PostgreSQL 15

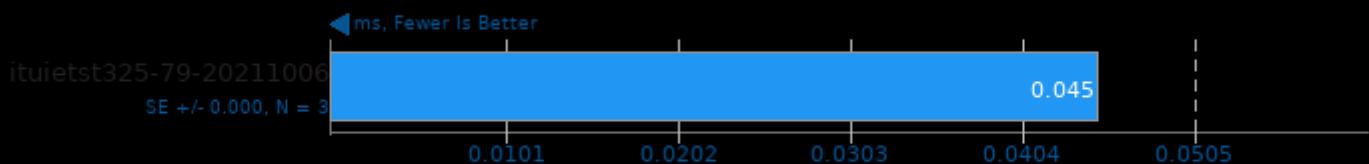
Scaling Factor: 1 - Clients: 1 - Mode: Read Only



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

PostgreSQL 15

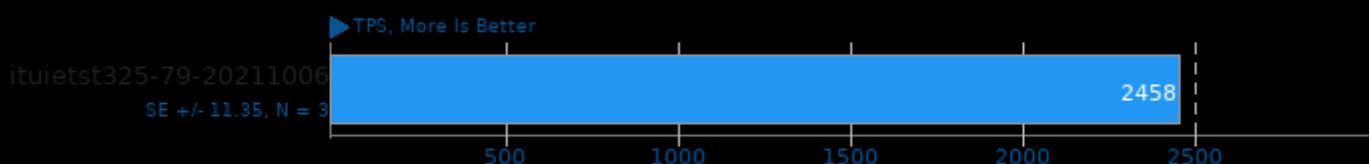
Scaling Factor: 1 - Clients: 1 - Mode: Read Only - Average Latency



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

PostgreSQL 15

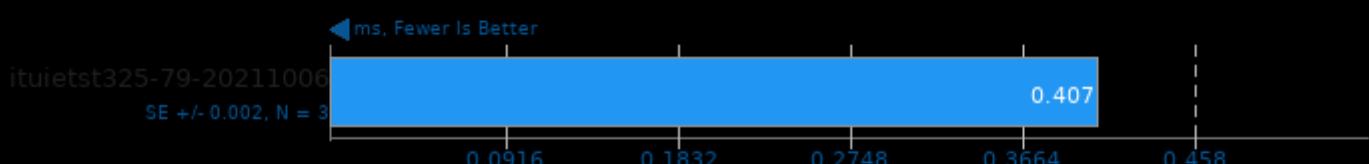
Scaling Factor: 1 - Clients: 1 - Mode: Read Write



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

PostgreSQL 15

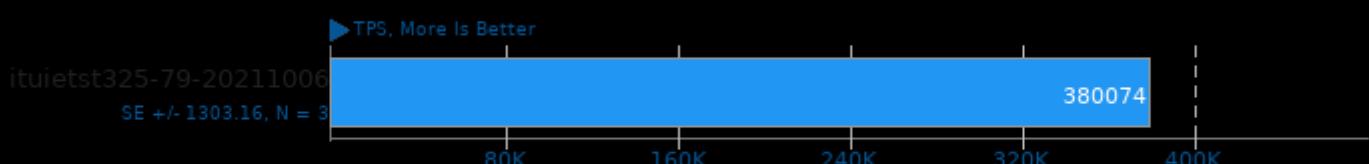
Scaling Factor: 1 - Clients: 1 - Mode: Read Write - Average Latency



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

PostgreSQL 15

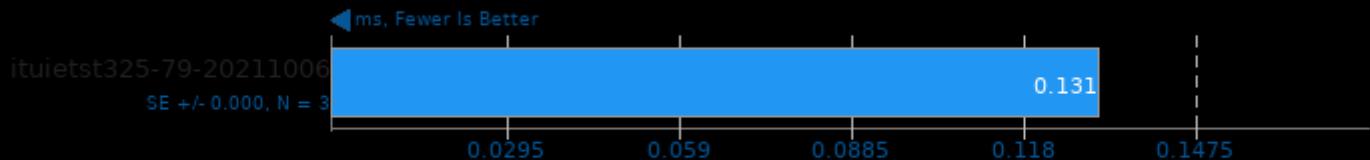
Scaling Factor: 1 - Clients: 50 - Mode: Read Only



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

PostgreSQL 15

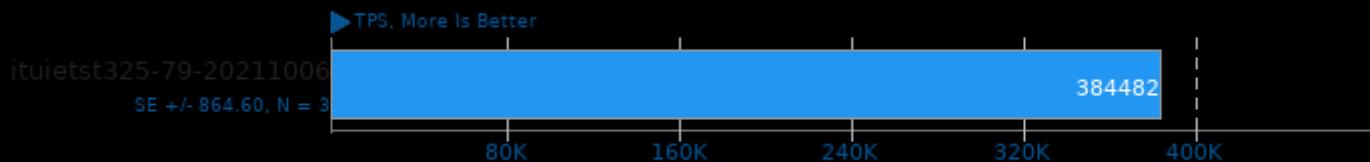
Scaling Factor: 1 - Clients: 50 - Mode: Read Only - Average Latency



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

PostgreSQL 15

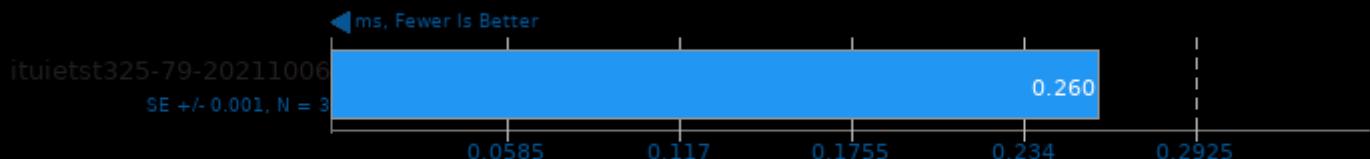
Scaling Factor: 1 - Clients: 100 - Mode: Read Only



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

PostgreSQL 15

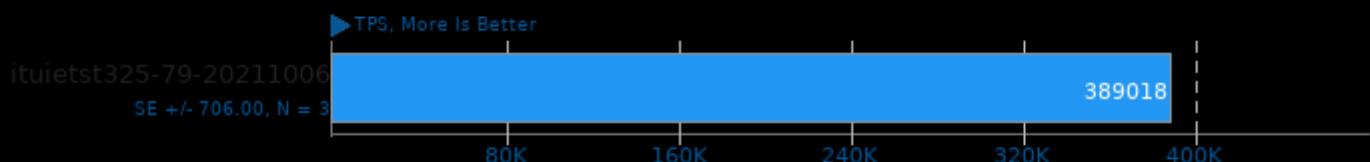
Scaling Factor: 1 - Clients: 100 - Mode: Read Only - Average Latency



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

PostgreSQL 15

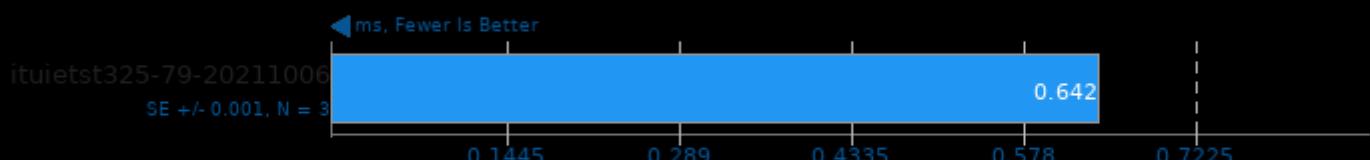
Scaling Factor: 1 - Clients: 250 - Mode: Read Only



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

PostgreSQL 15

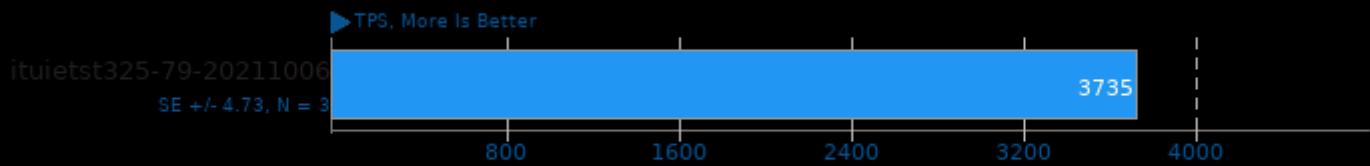
Scaling Factor: 1 - Clients: 250 - Mode: Read Only - Average Latency



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

PostgreSQL 15

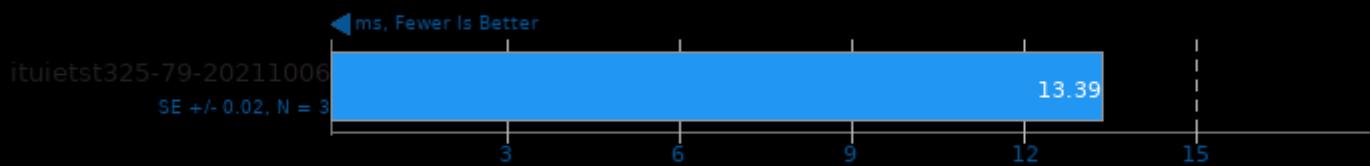
Scaling Factor: 1 - Clients: 50 - Mode: Read Write



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

PostgreSQL 15

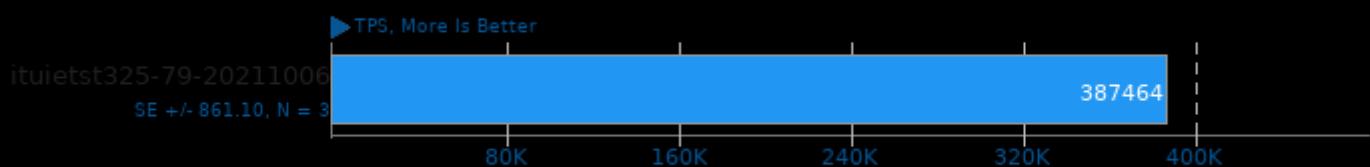
Scaling Factor: 1 - Clients: 50 - Mode: Read Write - Average Latency



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

PostgreSQL 15

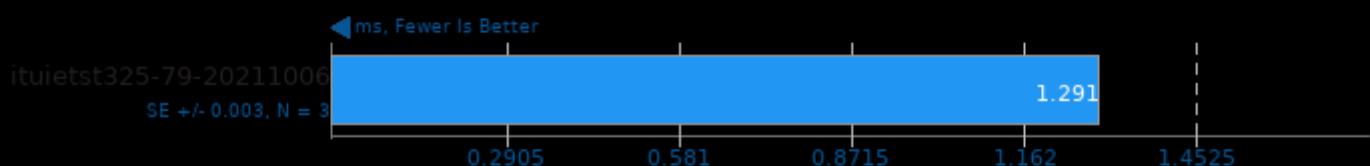
Scaling Factor: 1 - Clients: 500 - Mode: Read Only



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

PostgreSQL 15

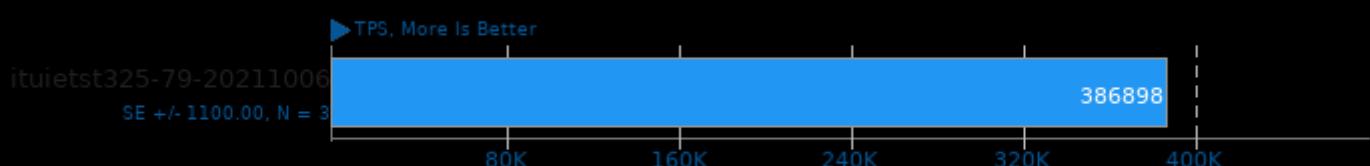
Scaling Factor: 1 - Clients: 500 - Mode: Read Only - Average Latency



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

PostgreSQL 15

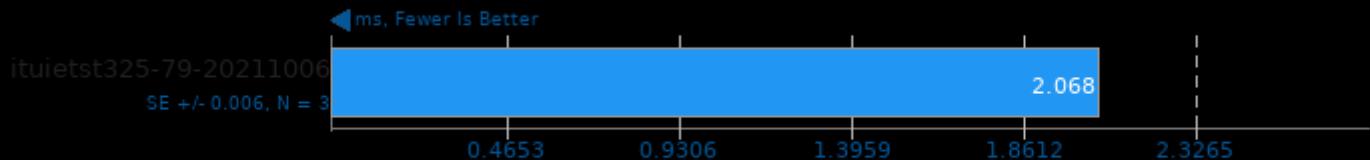
Scaling Factor: 1 - Clients: 800 - Mode: Read Only



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

PostgreSQL 15

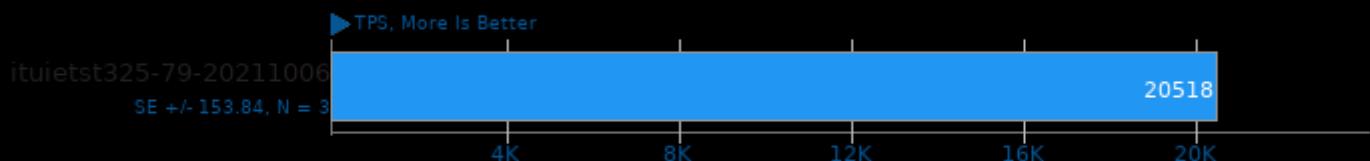
Scaling Factor: 1 - Clients: 800 - Mode: Read Only - Average Latency



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

PostgreSQL 15

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



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

PostgreSQL 15

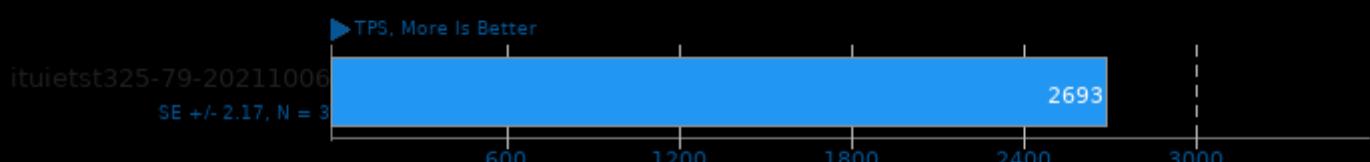
Scaling Factor: 100 - Clients: 1 - Mode: Read Only - Average Latency



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

PostgreSQL 15

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



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

PostgreSQL 15

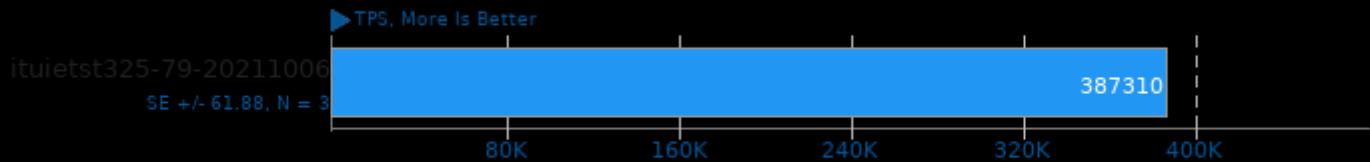
Scaling Factor: 1 - Clients: 100 - Mode: Read Write - Average Latency



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

PostgreSQL 15

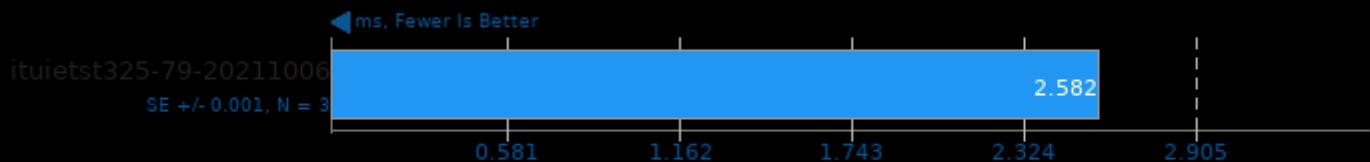
Scaling Factor: 1 - Clients: 1000 - Mode: Read Only



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

PostgreSQL 15

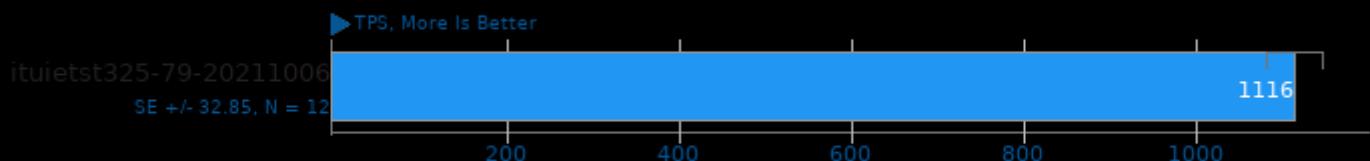
Scaling Factor: 1 - Clients: 1000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

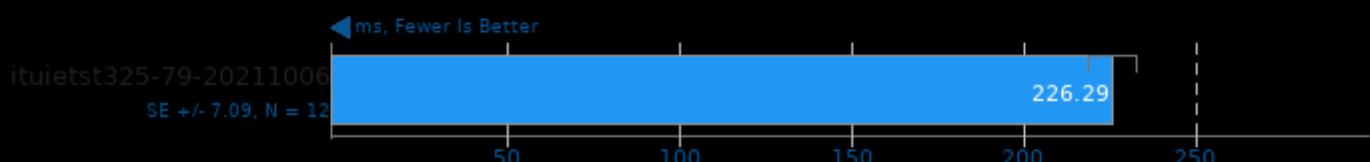
Scaling Factor: 1 - Clients: 250 - Mode: Read Write



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

PostgreSQL 15

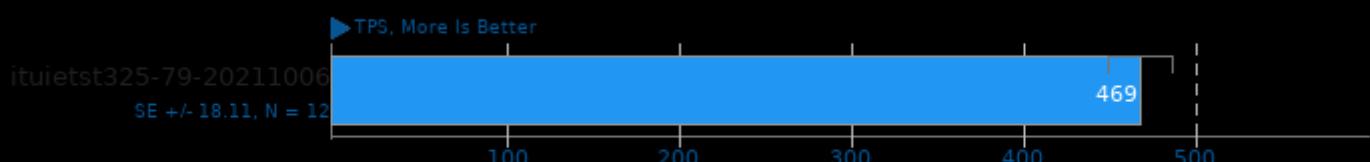
Scaling Factor: 1 - Clients: 250 - Mode: Read Write - Average Latency



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

PostgreSQL 15

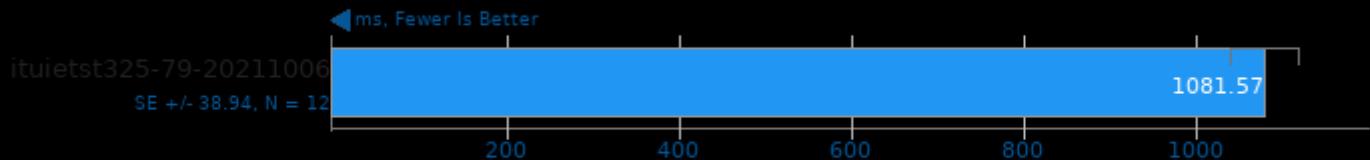
Scaling Factor: 1 - Clients: 500 - Mode: Read Write



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

PostgreSQL 15

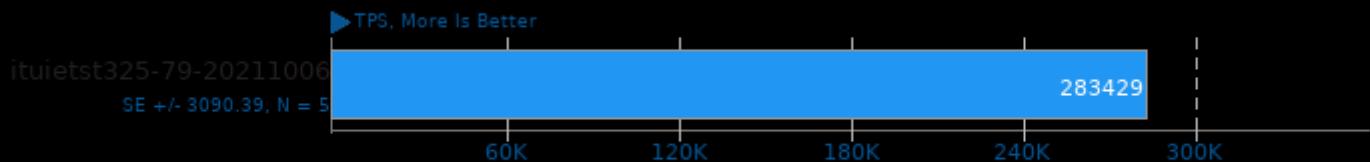
Scaling Factor: 1 - Clients: 500 - Mode: Read Write - Average Latency



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

PostgreSQL 15

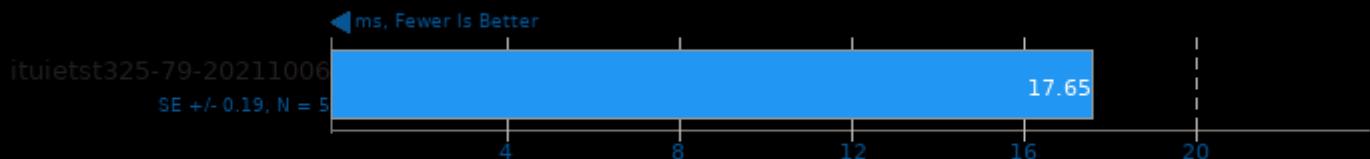
Scaling Factor: 1 - Clients: 5000 - Mode: Read Only



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

PostgreSQL 15

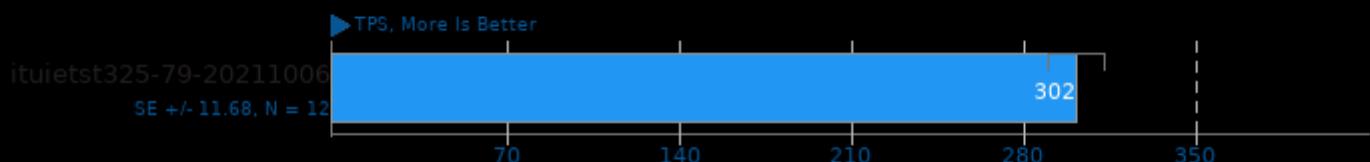
Scaling Factor: 1 - Clients: 5000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

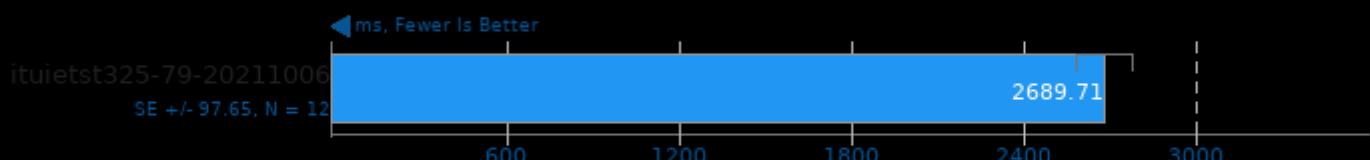
Scaling Factor: 1 - Clients: 800 - Mode: Read Write



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

PostgreSQL 15

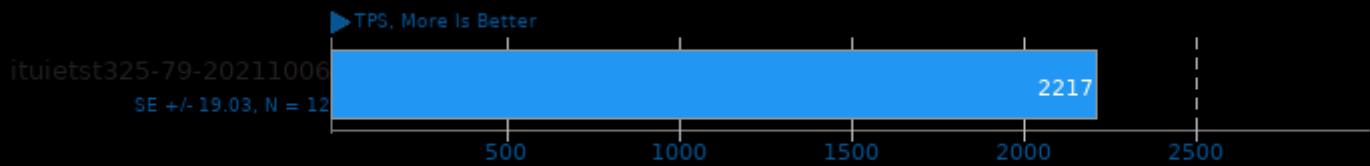
Scaling Factor: 1 - Clients: 800 - Mode: Read Write - Average Latency



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

PostgreSQL 15

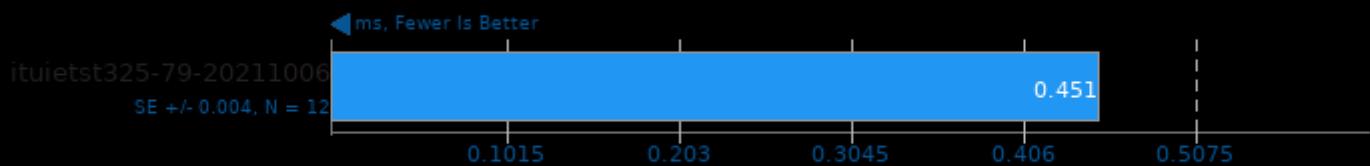
Scaling Factor: 100 - Clients: 1 - Mode: Read Write



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

PostgreSQL 15

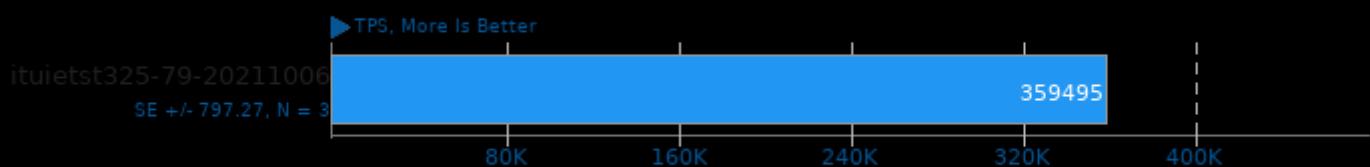
Scaling Factor: 100 - Clients: 1 - Mode: Read Write - Average Latency



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

PostgreSQL 15

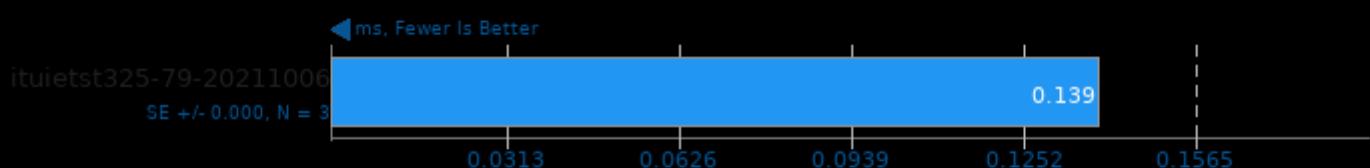
Scaling Factor: 100 - Clients: 50 - Mode: Read Only



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

PostgreSQL 15

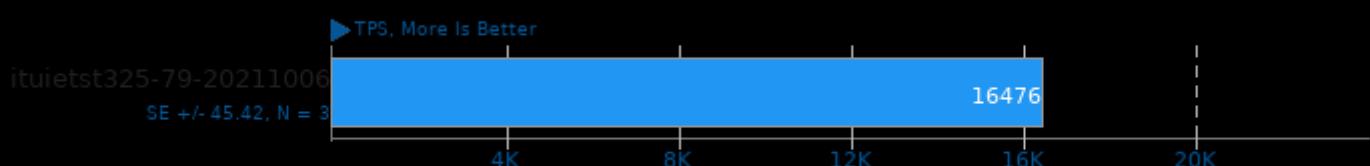
Scaling Factor: 100 - Clients: 50 - Mode: Read Only - Average Latency



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

PostgreSQL 15

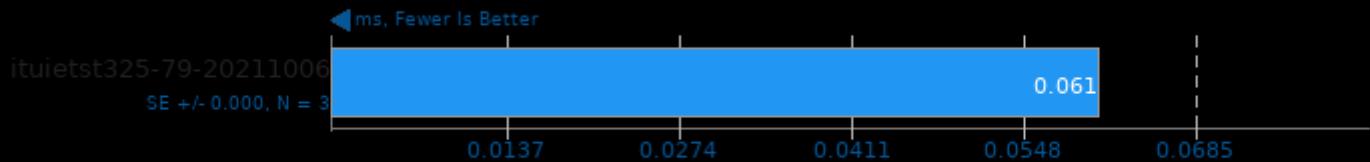
Scaling Factor: 1000 - Clients: 1 - Mode: Read Only



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

PostgreSQL 15

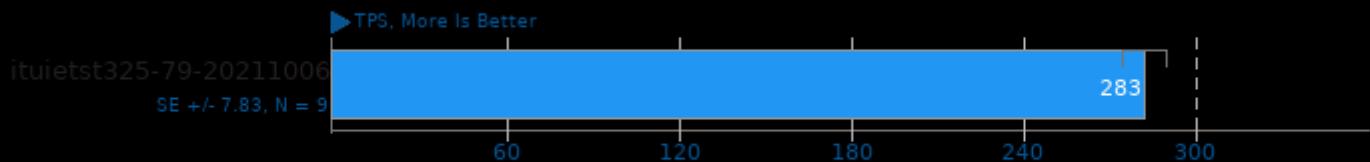
Scaling Factor: 1000 - Clients: 1 - Mode: Read Only - Average Latency



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

PostgreSQL 15

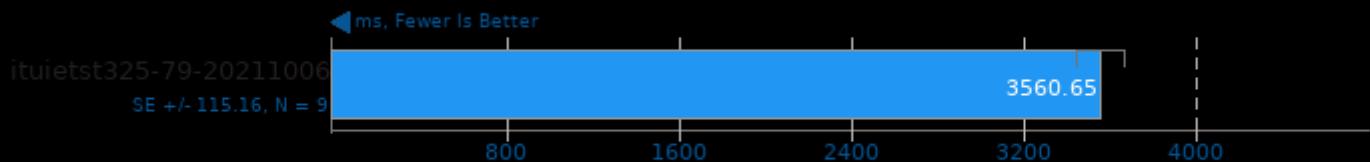
Scaling Factor: 1 - Clients: 1000 - Mode: Read Write



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

PostgreSQL 15

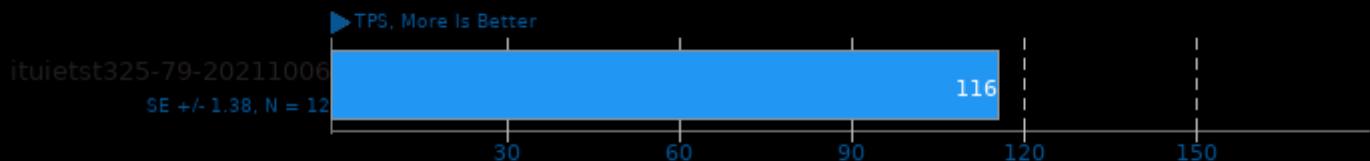
Scaling Factor: 1 - Clients: 1000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

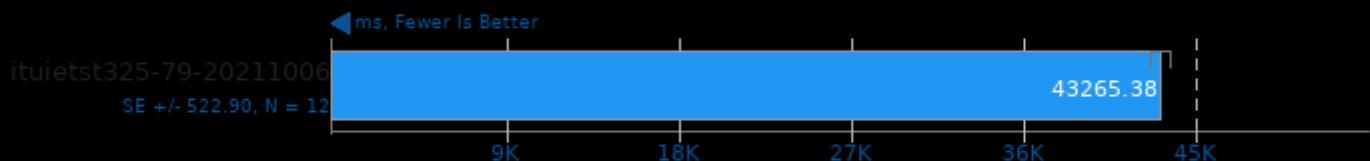
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpqcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

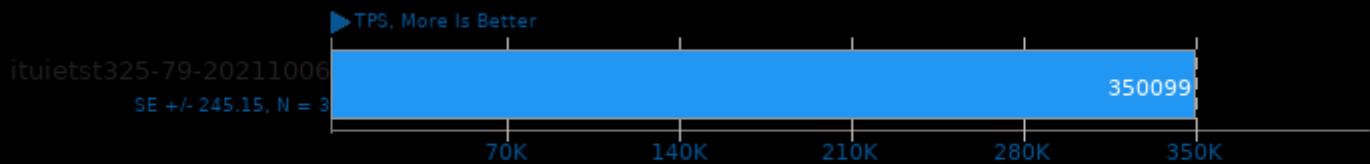
Scaling Factor: 1 - Clients: 5000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

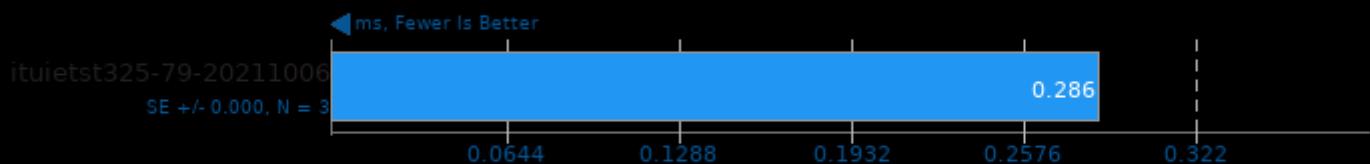
Scaling Factor: 100 - Clients: 100 - Mode: Read Only



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

PostgreSQL 15

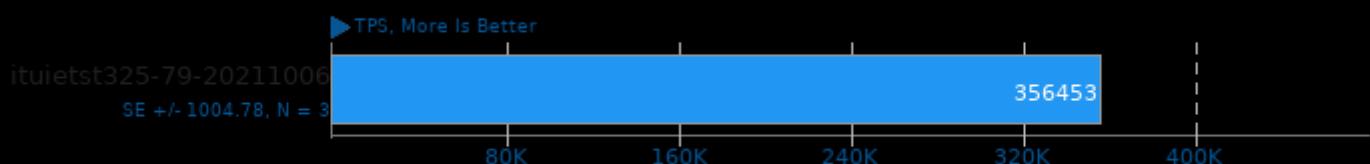
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

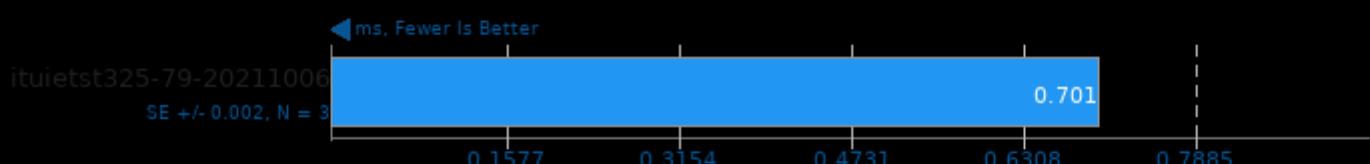
Scaling Factor: 100 - Clients: 250 - Mode: Read Only



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

PostgreSQL 15

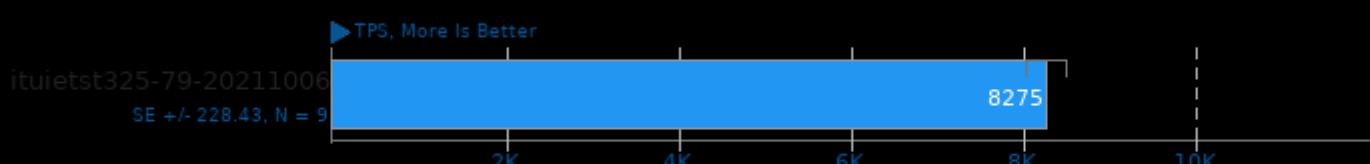
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

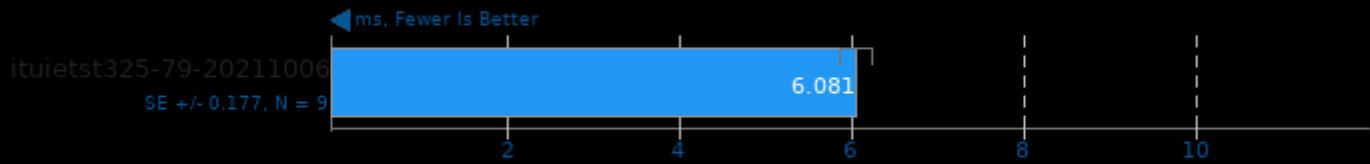
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



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

PostgreSQL 15

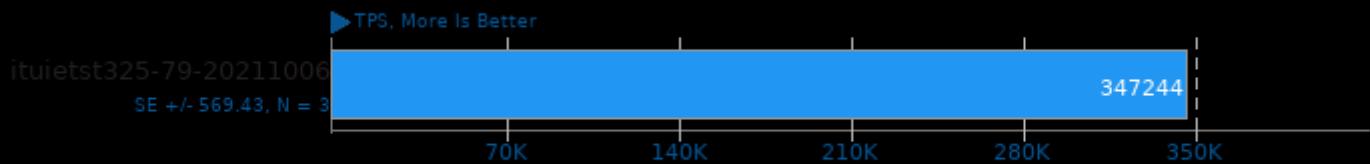
Scaling Factor: 100 - Clients: 50 - Mode: Read Write - Average Latency



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

PostgreSQL 15

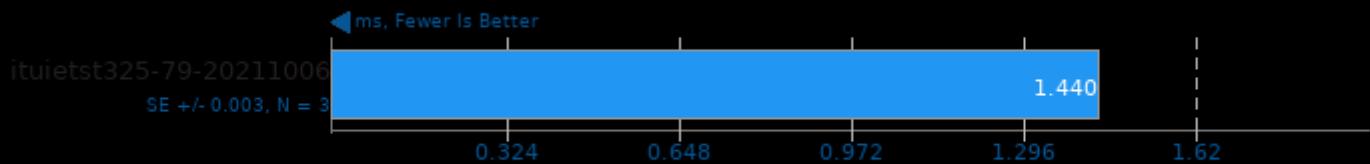
Scaling Factor: 100 - Clients: 500 - Mode: Read Only



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

PostgreSQL 15

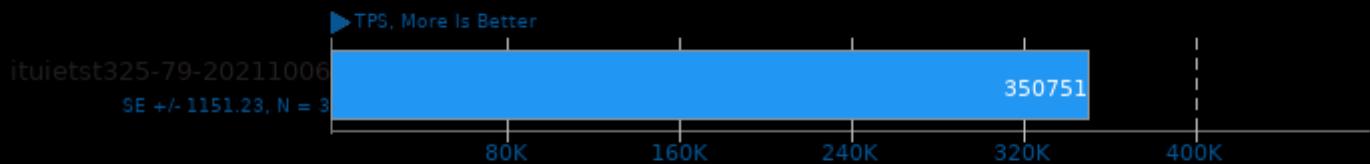
Scaling Factor: 100 - Clients: 500 - Mode: Read Only - Average Latency



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

PostgreSQL 15

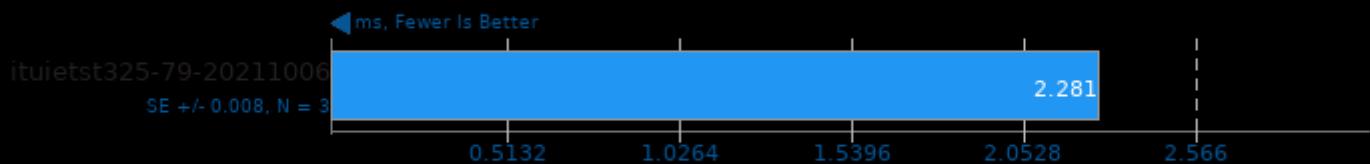
Scaling Factor: 100 - Clients: 800 - Mode: Read Only



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

PostgreSQL 15

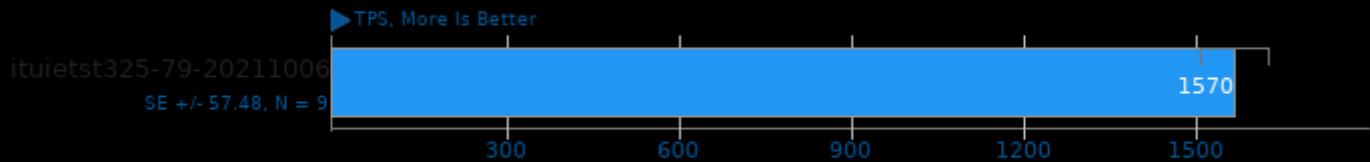
Scaling Factor: 100 - Clients: 800 - Mode: Read Only - Average Latency



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

PostgreSQL 15

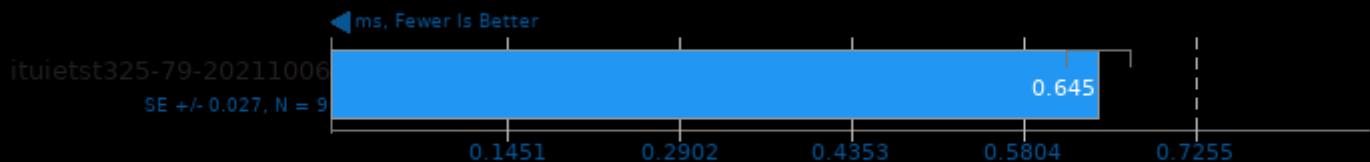
Scaling Factor: 1000 - Clients: 1 - Mode: Read Write



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

PostgreSQL 15

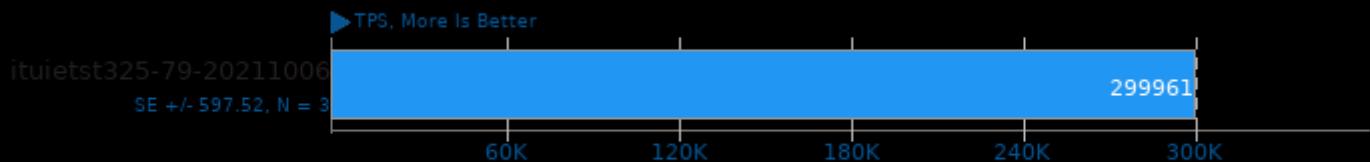
Scaling Factor: 1000 - Clients: 1 - Mode: Read Write - Average Latency



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

PostgreSQL 15

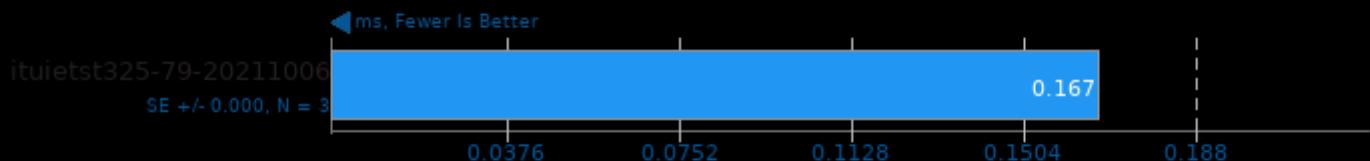
Scaling Factor: 1000 - Clients: 50 - Mode: Read Only



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

PostgreSQL 15

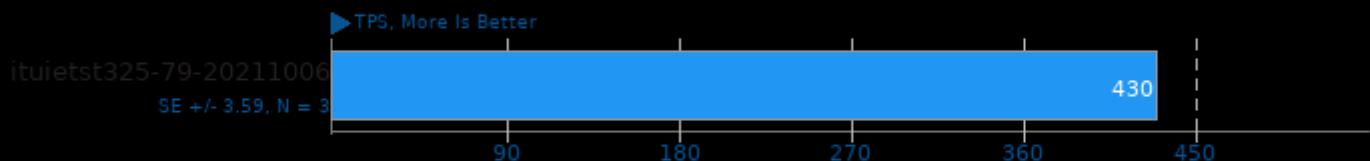
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

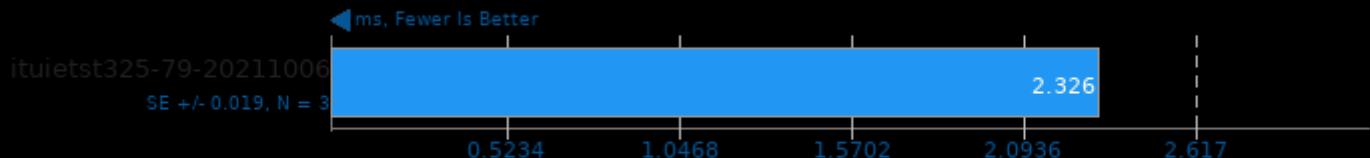
Scaling Factor: 10000 - Clients: 1 - Mode: Read Only



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

PostgreSQL 15

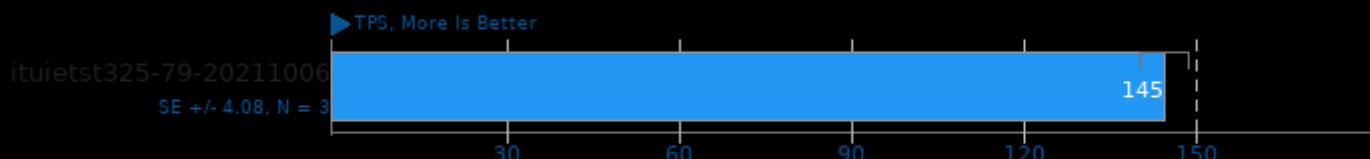
Scaling Factor: 10000 - Clients: 1 - Mode: Read Only - Average Latency



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

PostgreSQL 15

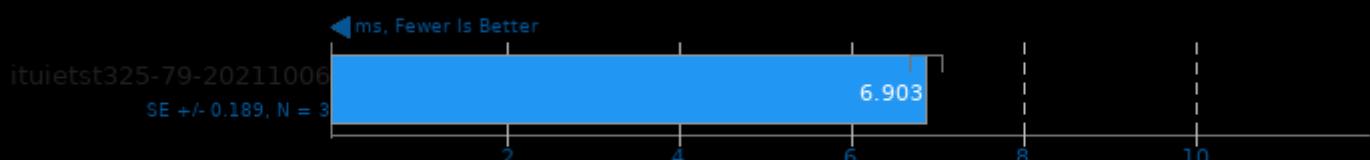
Scaling Factor: 25000 - Clients: 1 - Mode: Read Only



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

PostgreSQL 15

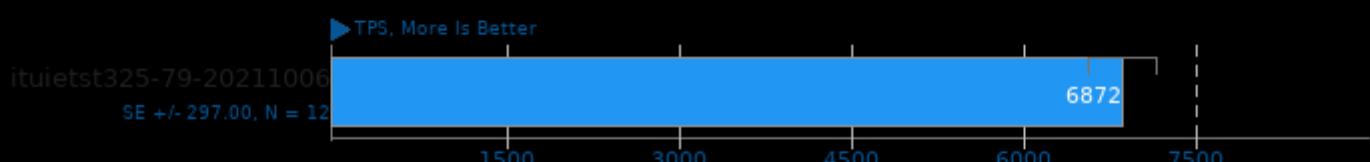
Scaling Factor: 25000 - Clients: 1 - Mode: Read Only - Average Latency



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

PostgreSQL 15

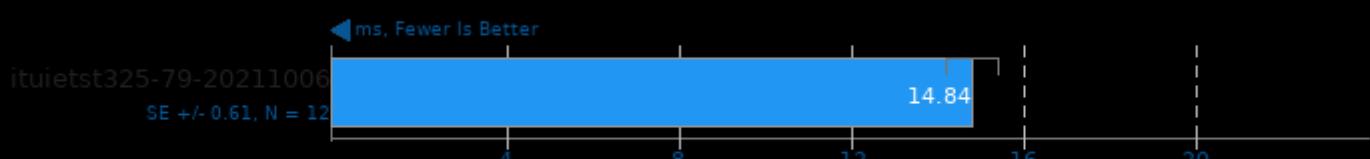
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpqcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

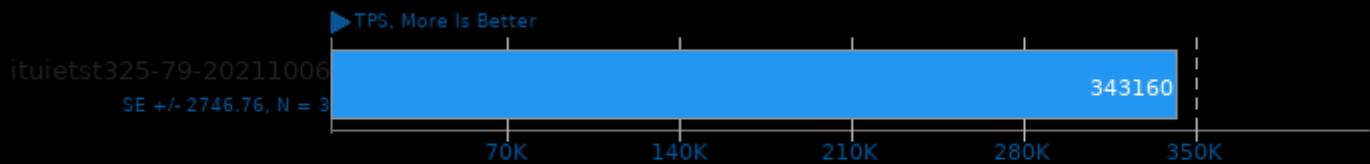
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpqcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

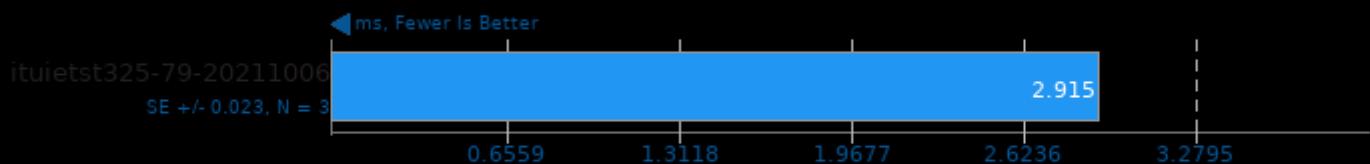
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

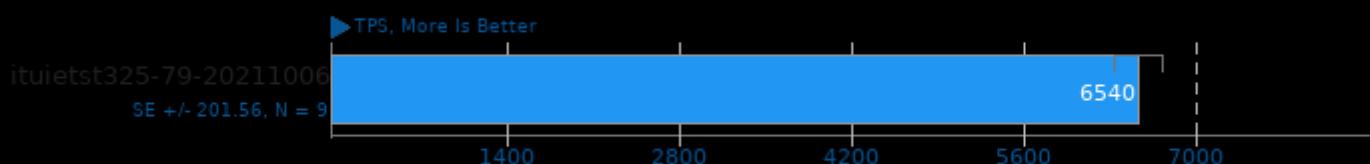
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

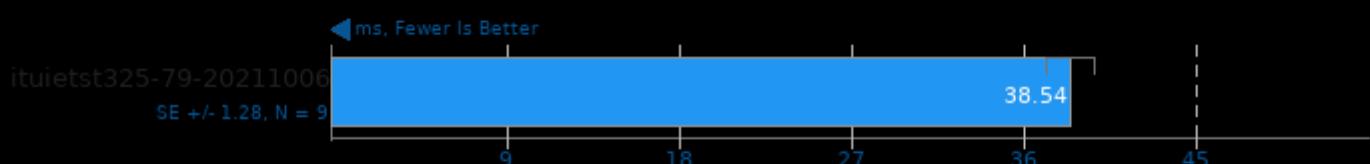
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

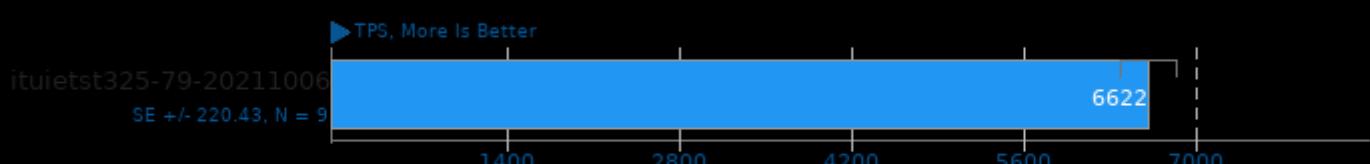
Scaling Factor: 100 - Clients: 250 - Mode: Read Write - Average Latency



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

PostgreSQL 15

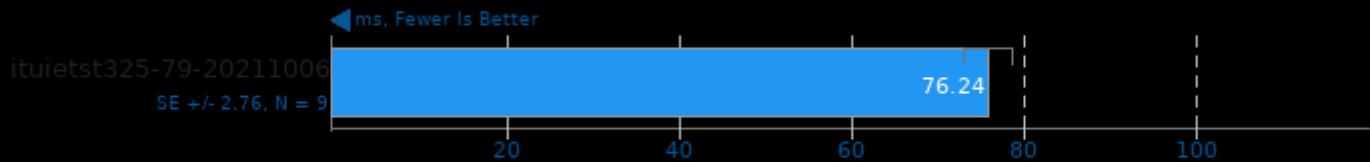
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

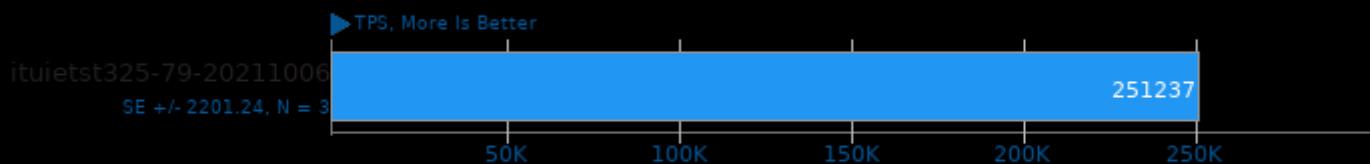
Scaling Factor: 100 - Clients: 500 - Mode: Read Write - Average Latency



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

PostgreSQL 15

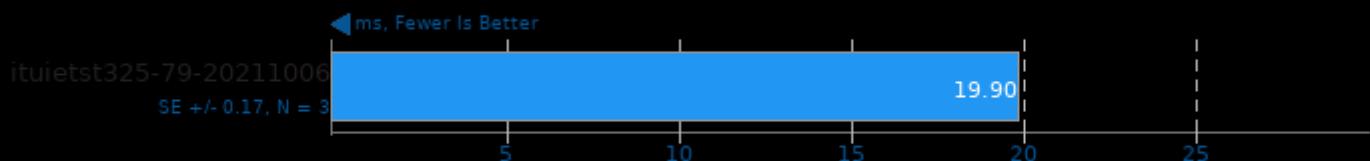
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

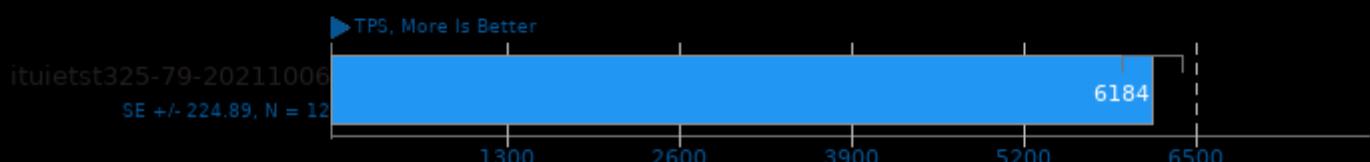
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

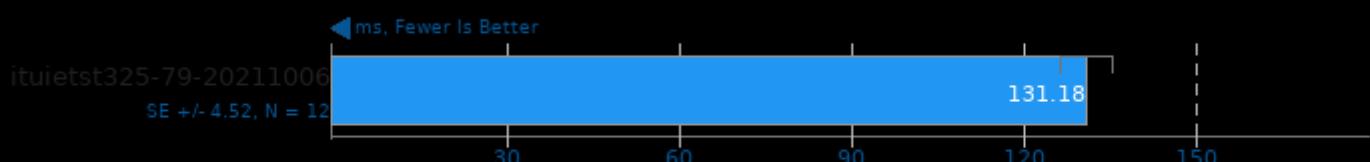
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

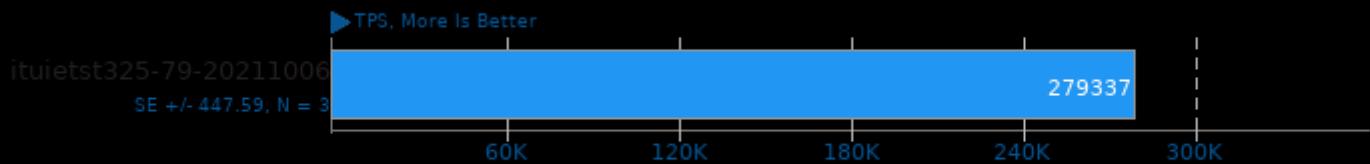
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

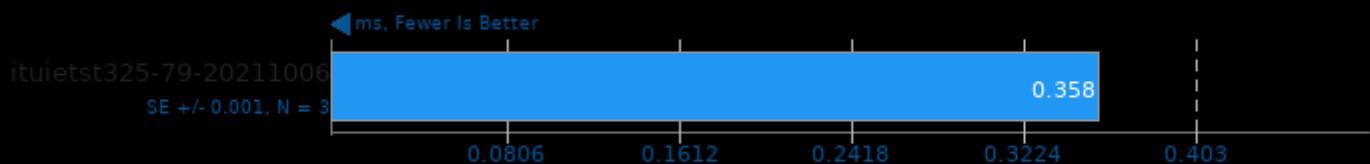
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

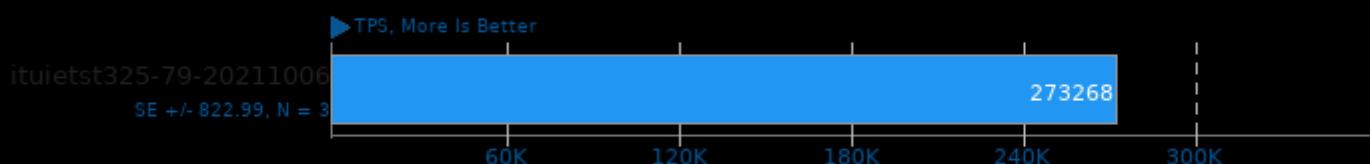
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

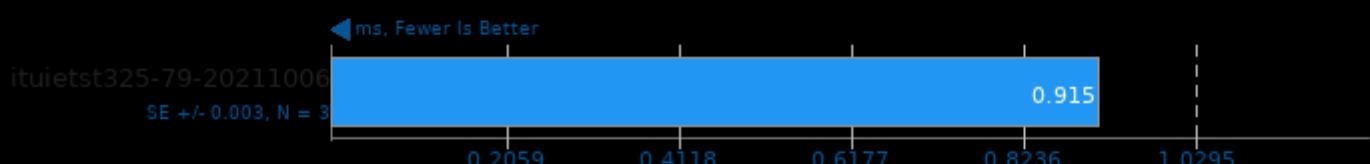
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

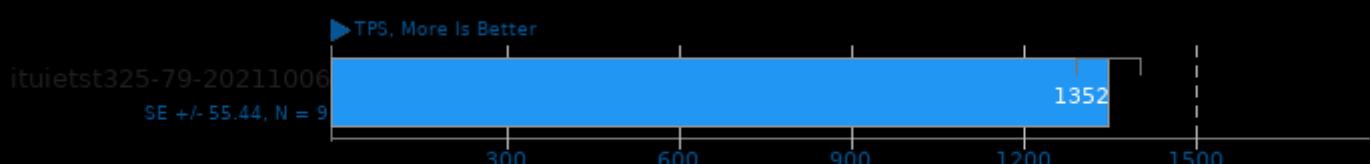
Scaling Factor: 1000 - Clients: 250 - Mode: Read Only - Average Latency



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

PostgreSQL 15

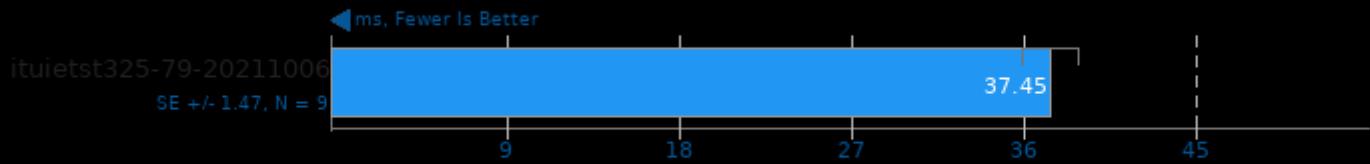
Scaling Factor: 1000 - Clients: 50 - Mode: Read Write



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

PostgreSQL 15

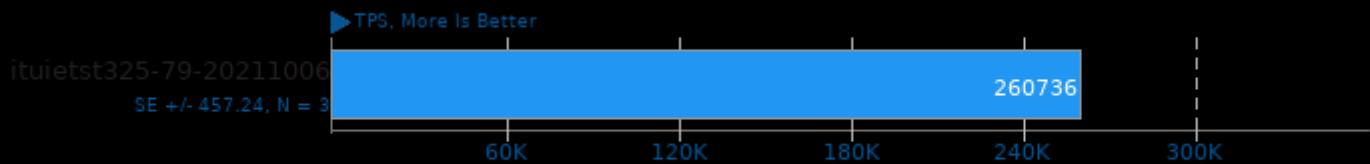
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpqcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

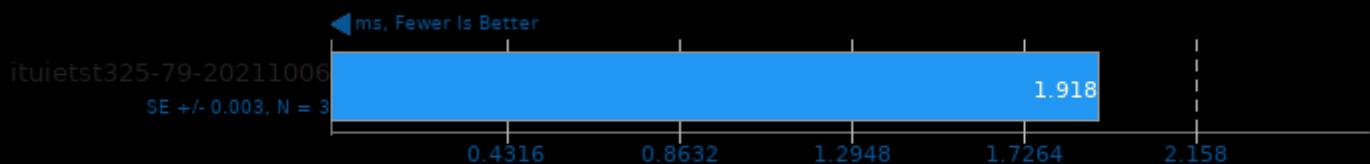
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpqcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

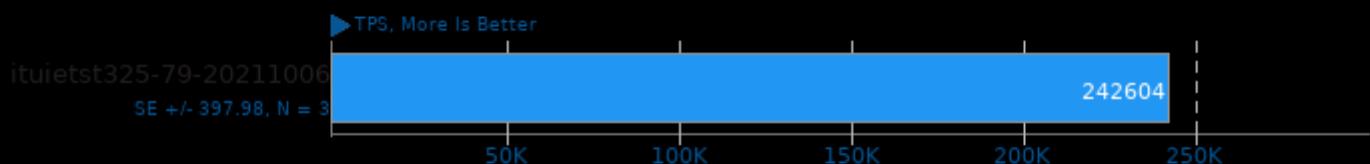
Scaling Factor: 1000 - Clients: 500 - Mode: Read Only - Average Latency



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

PostgreSQL 15

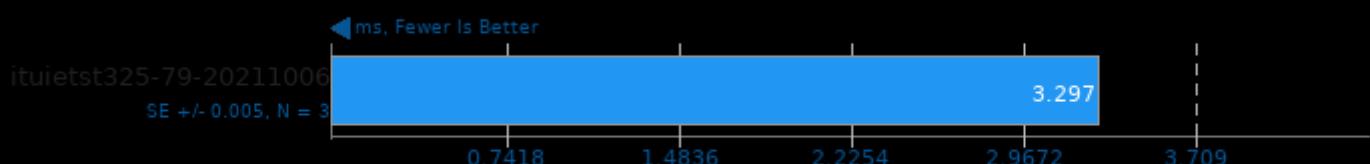
Scaling Factor: 1000 - Clients: 800 - Mode: Read Only



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

PostgreSQL 15

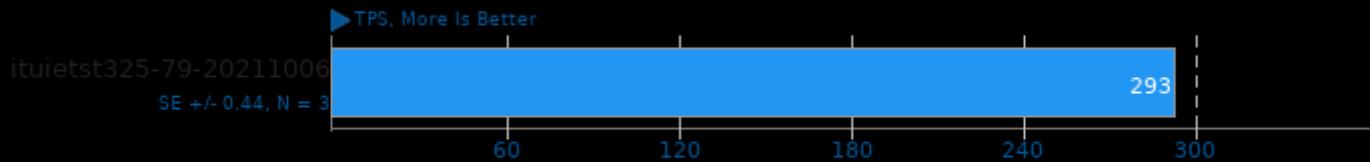
Scaling Factor: 1000 - Clients: 800 - Mode: Read Only - Average Latency



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

PostgreSQL 15

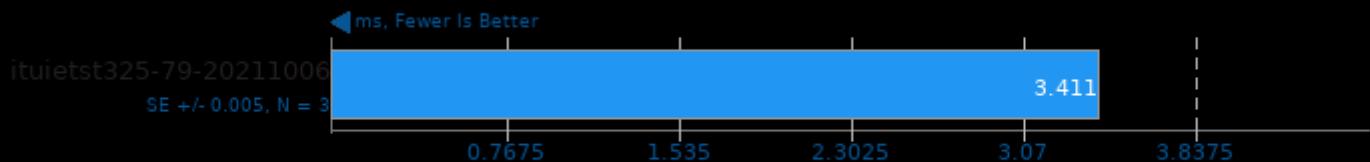
Scaling Factor: 10000 - Clients: 1 - Mode: Read Write



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

PostgreSQL 15

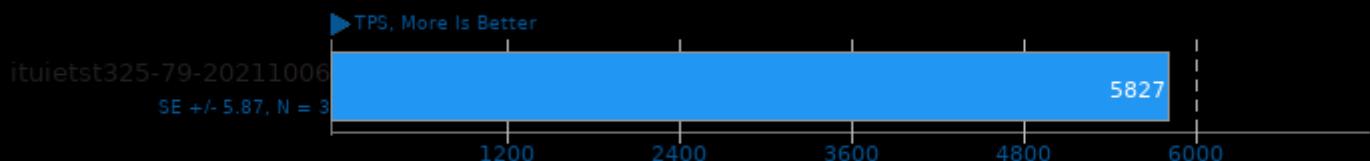
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

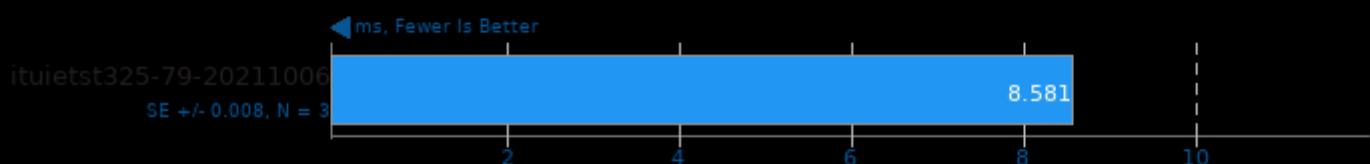
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

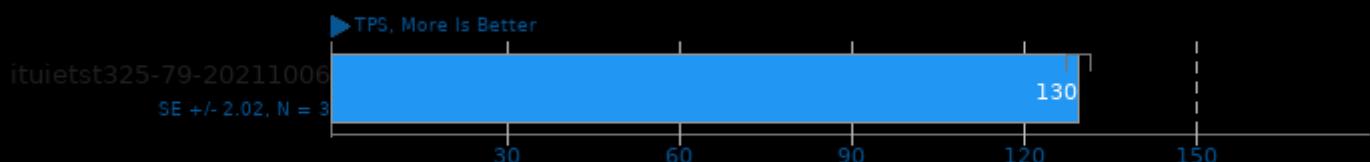
Scaling Factor: 10000 - Clients: 50 - Mode: Read Only - Average Latency



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

PostgreSQL 15

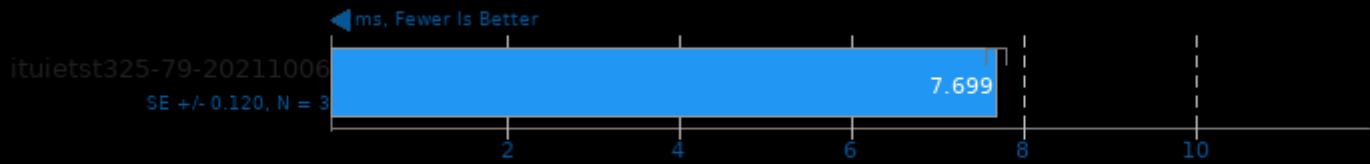
Scaling Factor: 25000 - Clients: 1 - Mode: Read Write



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

PostgreSQL 15

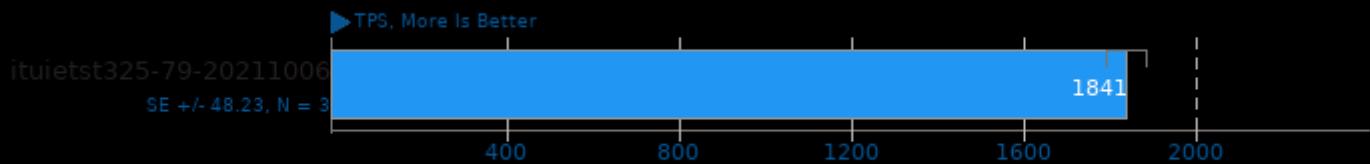
Scaling Factor: 25000 - Clients: 1 - Mode: Read Write - Average Latency



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

PostgreSQL 15

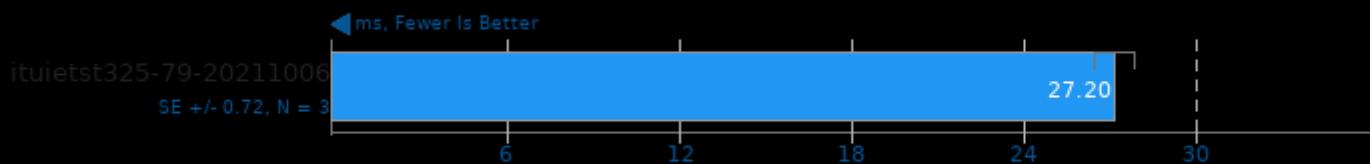
Scaling Factor: 25000 - Clients: 50 - Mode: Read Only



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

PostgreSQL 15

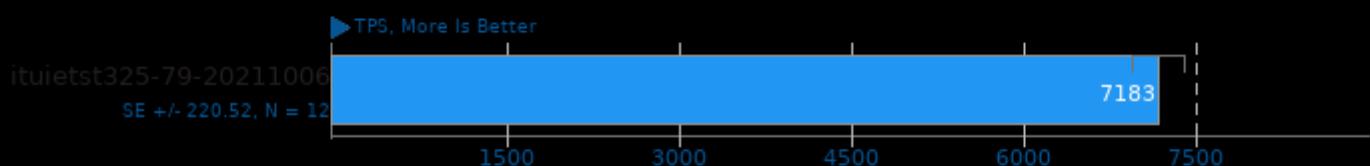
Scaling Factor: 25000 - Clients: 50 - Mode: Read Only - Average Latency



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

PostgreSQL 15

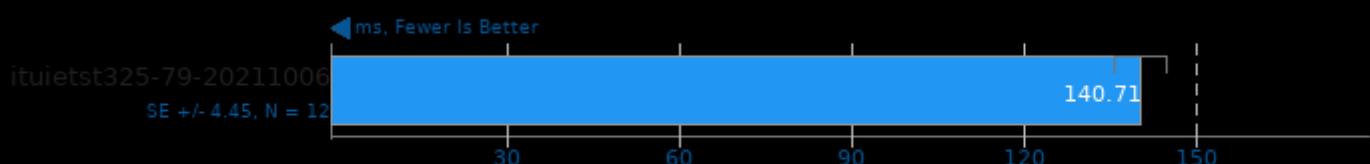
Scaling Factor: 100 - Clients: 1000 - Mode: Read Write



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

PostgreSQL 15

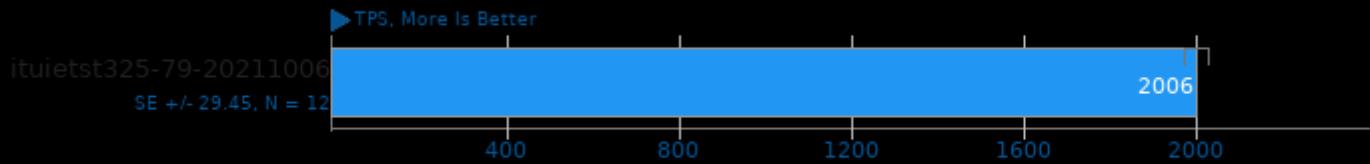
Scaling Factor: 100 - Clients: 1000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

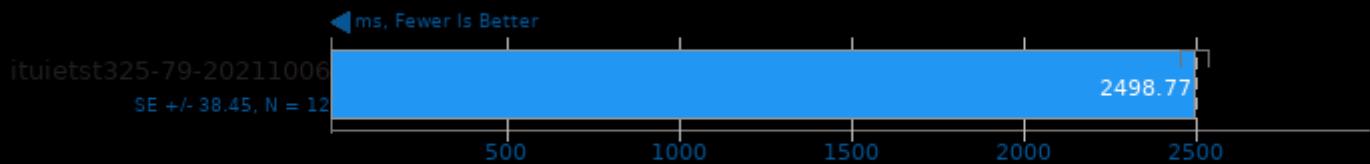
Scaling Factor: 100 - Clients: 5000 - Mode: Read Write



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

PostgreSQL 15

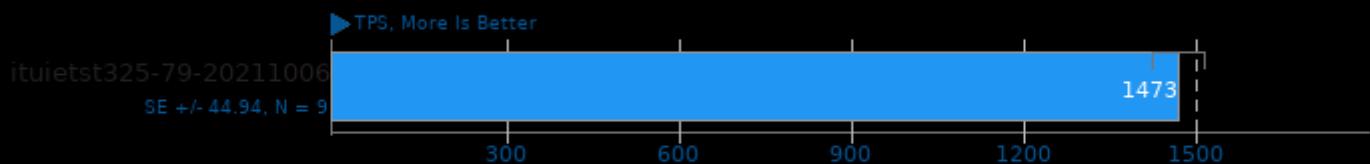
Scaling Factor: 100 - Clients: 5000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

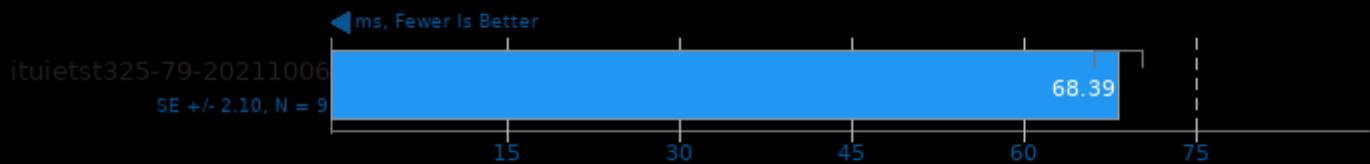
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpthread -lpq -lthread -lrt -ldl -lm

PostgreSQL 15

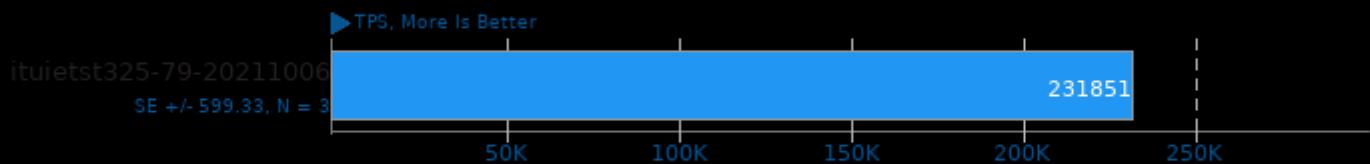
Scaling Factor: 1000 - Clients: 100 - Mode: Read Write - Average Latency



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

PostgreSQL 15

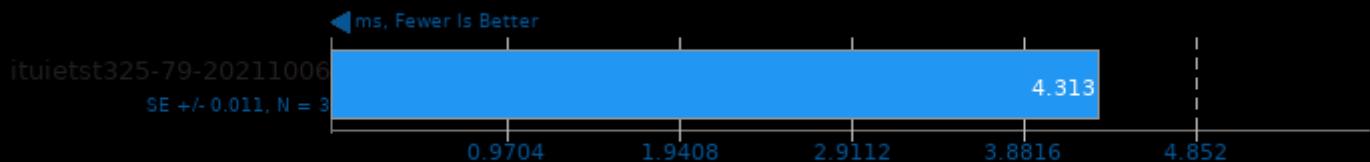
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PostgreSQL 15

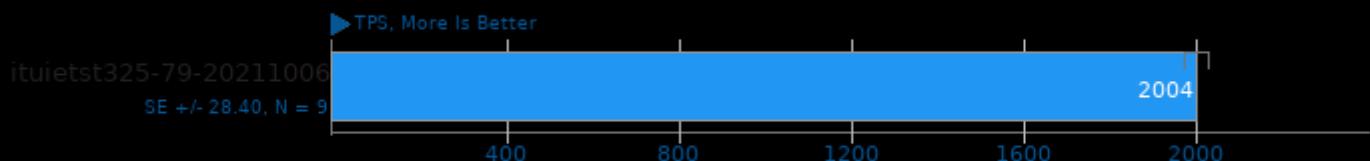
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PostgreSQL 15

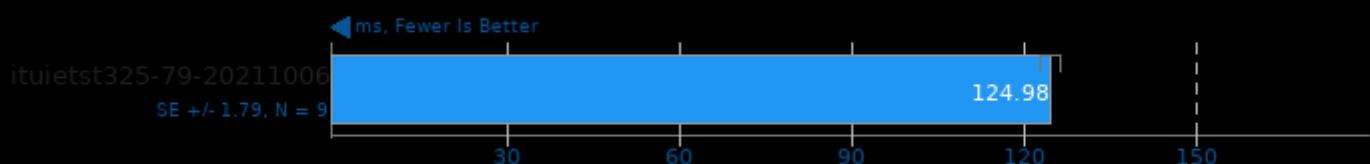
Scaling Factor: 1000 - Clients: 250 - Mode: Read Write



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

PostgreSQL 15

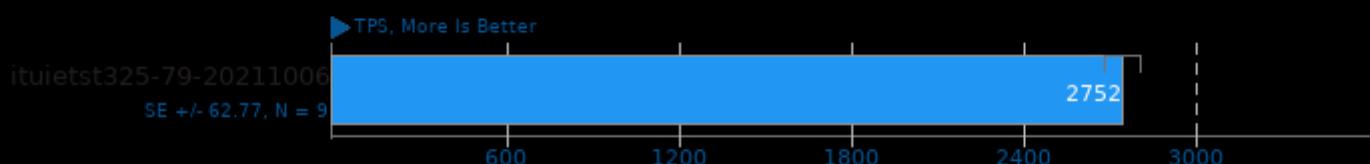
Scaling Factor: 1000 - Clients: 250 - Mode: Read Write - Average Latency



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

PostgreSQL 15

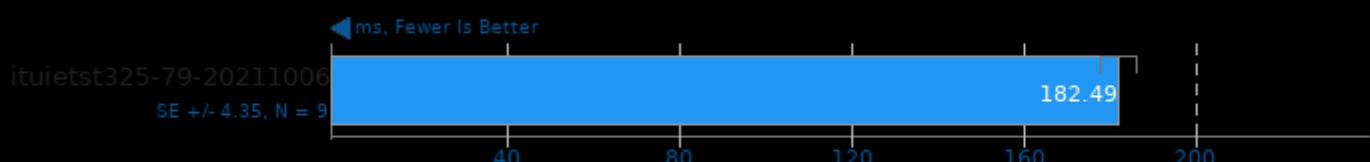
Scaling Factor: 1000 - Clients: 500 - Mode: Read Write



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

PostgreSQL 15

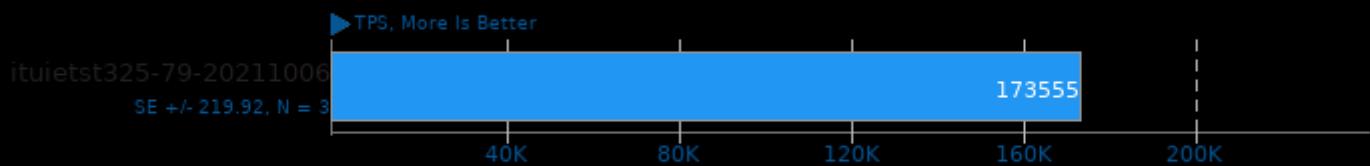
Scaling Factor: 1000 - Clients: 500 - Mode: Read Write - Average Latency



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

PostgreSQL 15

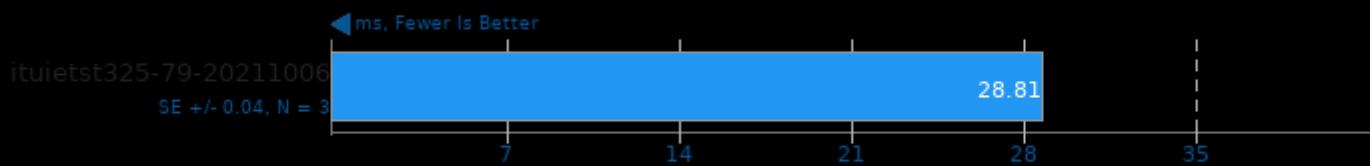
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

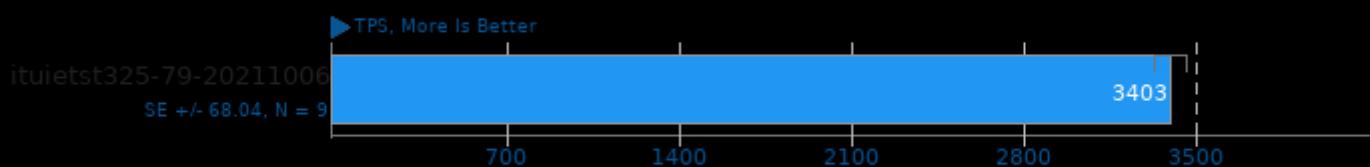
Scaling Factor: 1000 - Clients: 5000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

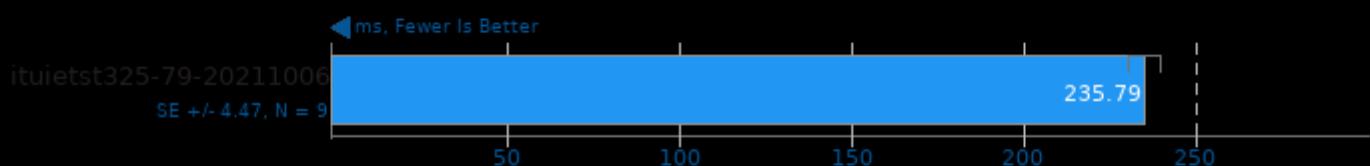
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

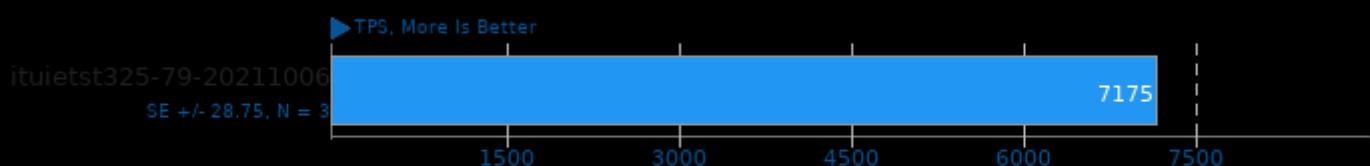
Scaling Factor: 1000 - Clients: 800 - Mode: Read Write - Average Latency



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

PostgreSQL 15

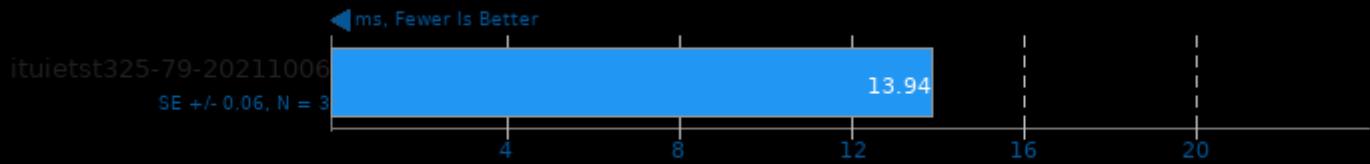
Scaling Factor: 10000 - Clients: 100 - Mode: Read Only



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

PostgreSQL 15

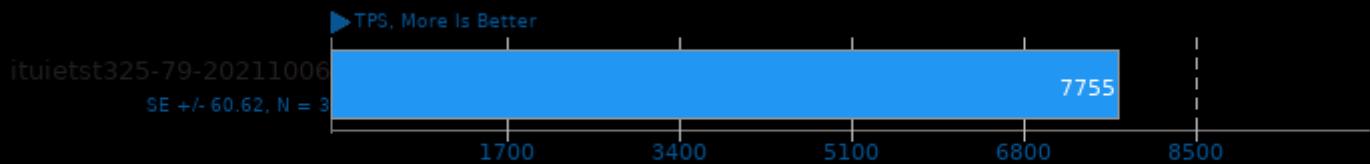
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

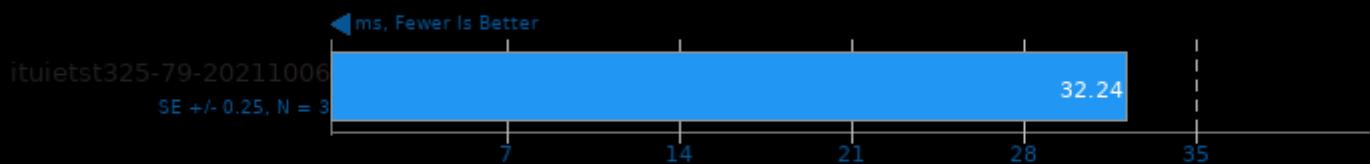
Scaling Factor: 10000 - Clients: 250 - Mode: Read Only



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

PostgreSQL 15

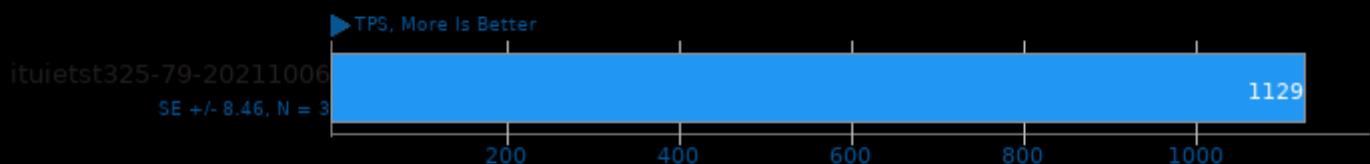
Scaling Factor: 10000 - Clients: 250 - Mode: Read Only - Average Latency



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

PostgreSQL 15

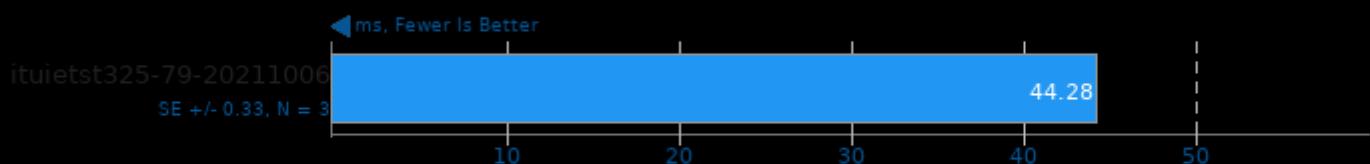
Scaling Factor: 10000 - Clients: 50 - Mode: Read Write



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

PostgreSQL 15

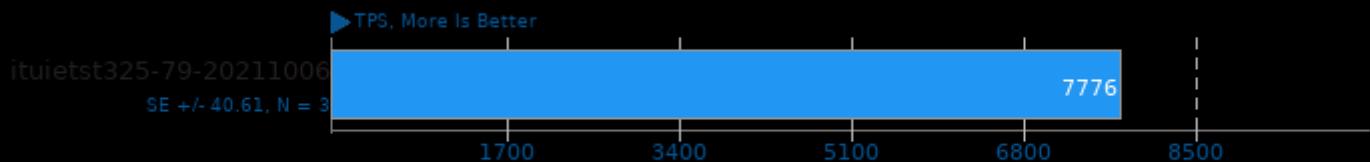
Scaling Factor: 10000 - Clients: 50 - Mode: Read Write - Average Latency



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

PostgreSQL 15

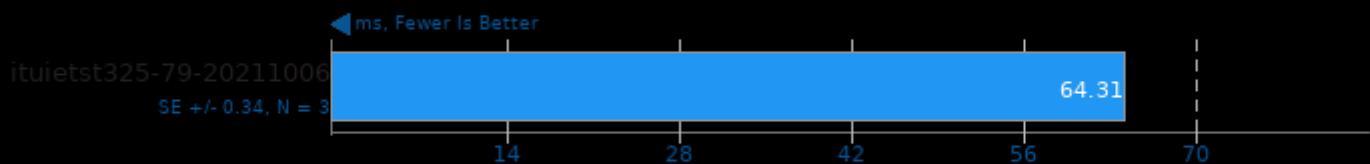
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

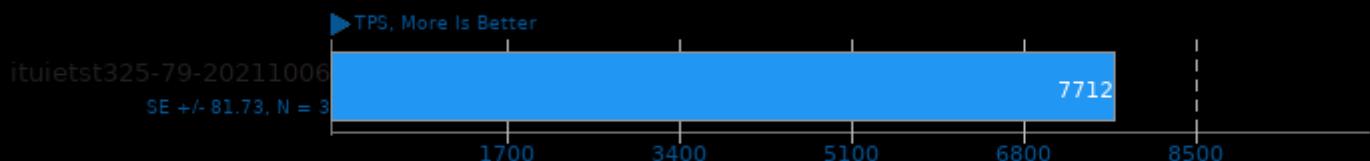
Scaling Factor: 10000 - Clients: 500 - Mode: Read Only - Average Latency



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

PostgreSQL 15

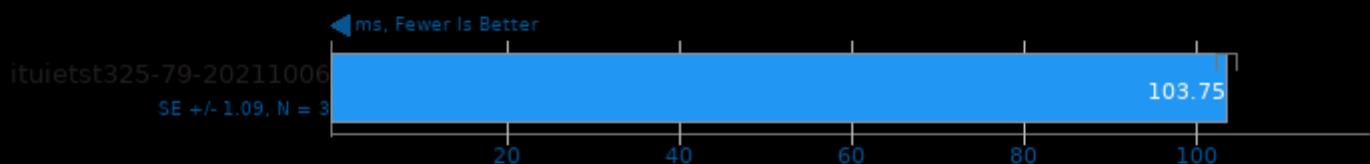
Scaling Factor: 10000 - Clients: 800 - Mode: Read Only



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

PostgreSQL 15

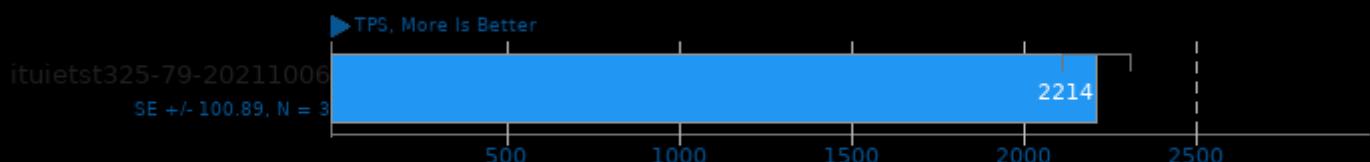
Scaling Factor: 10000 - Clients: 800 - Mode: Read Only - Average Latency



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

PostgreSQL 15

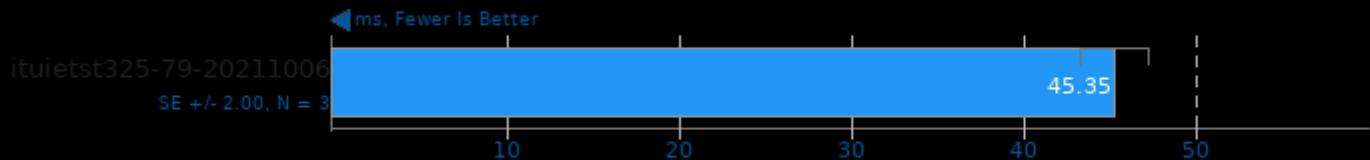
Scaling Factor: 25000 - Clients: 100 - Mode: Read Only



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

PostgreSQL 15

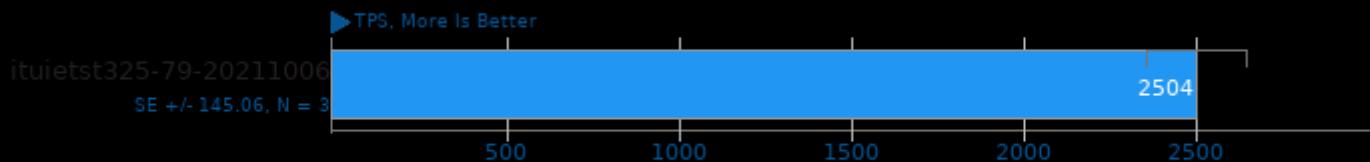
Scaling Factor: 25000 - Clients: 100 - Mode: Read Only - Average Latency



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

PostgreSQL 15

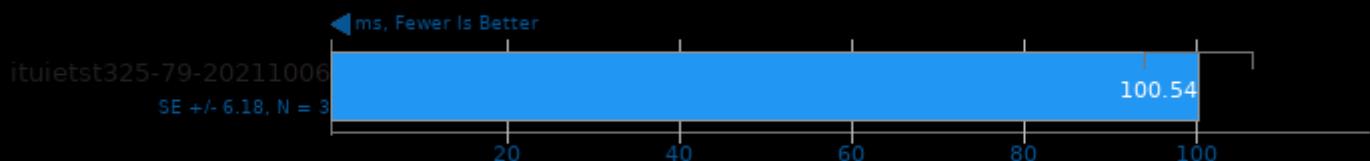
Scaling Factor: 25000 - Clients: 250 - Mode: Read Only



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

PostgreSQL 15

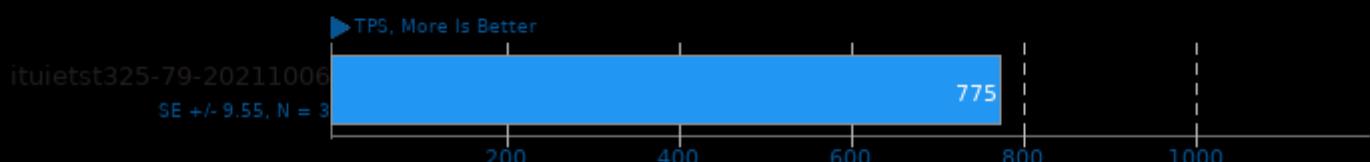
Scaling Factor: 25000 - Clients: 250 - Mode: Read Only - Average Latency



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

PostgreSQL 15

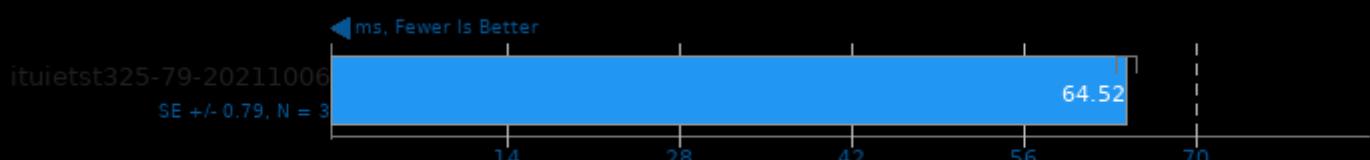
Scaling Factor: 25000 - Clients: 50 - Mode: Read Write



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

PostgreSQL 15

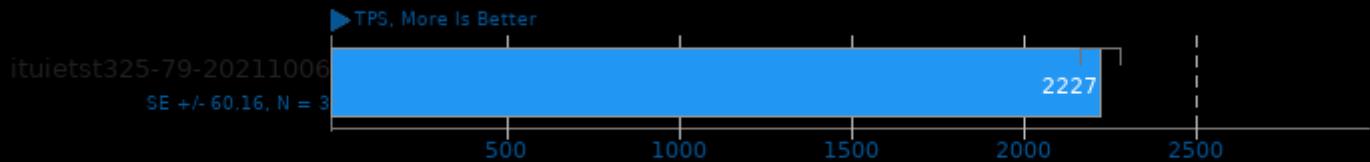
Scaling Factor: 25000 - Clients: 50 - Mode: Read Write - Average Latency



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

PostgreSQL 15

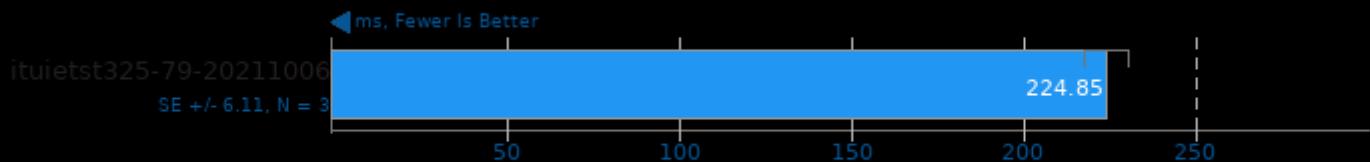
Scaling Factor: 25000 - Clients: 500 - Mode: Read Only



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

PostgreSQL 15

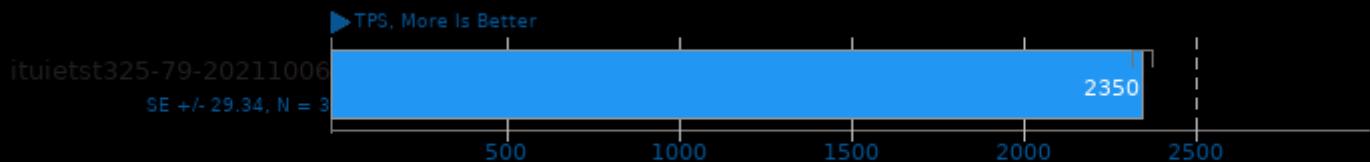
Scaling Factor: 25000 - Clients: 500 - Mode: Read Only - Average Latency



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

PostgreSQL 15

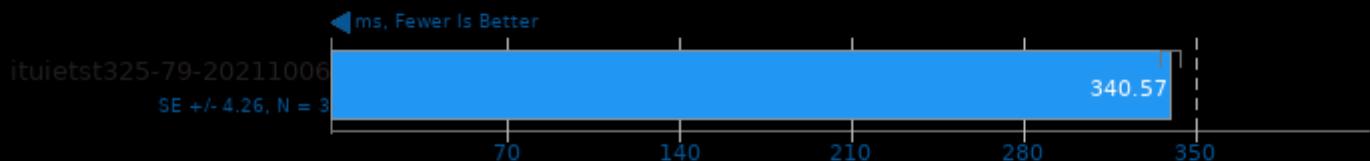
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpqport -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

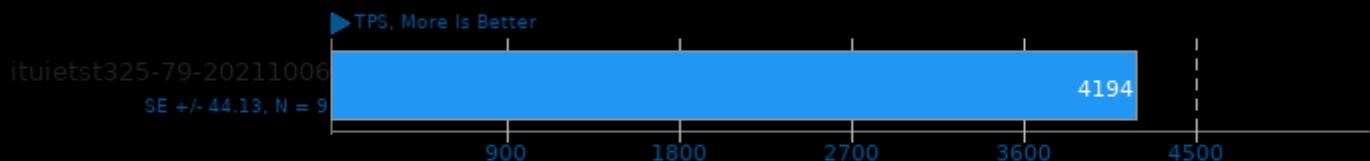
Scaling Factor: 25000 - Clients: 800 - Mode: Read Only - Average Latency



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

PostgreSQL 15

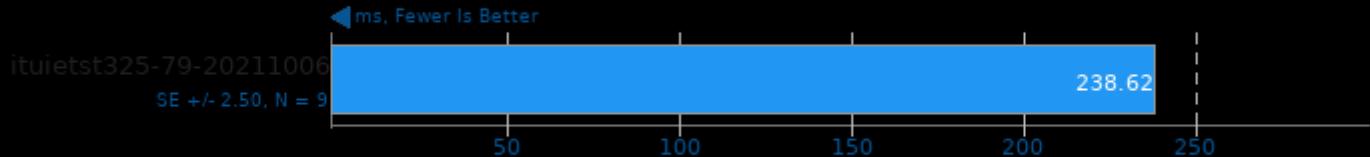
Scaling Factor: 1000 - Clients: 1000 - Mode: Read Write



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

PostgreSQL 15

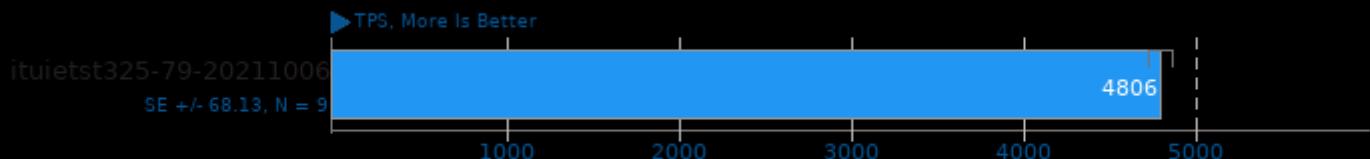
Scaling Factor: 1000 - Clients: 1000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

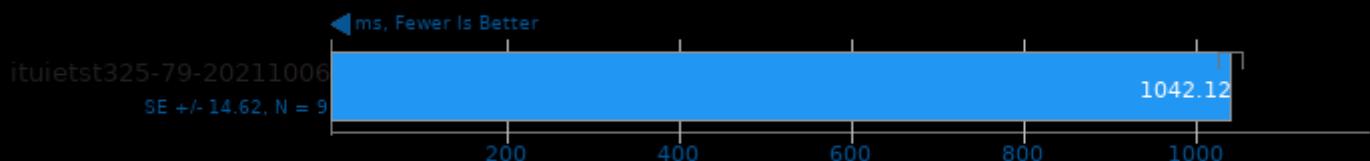
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

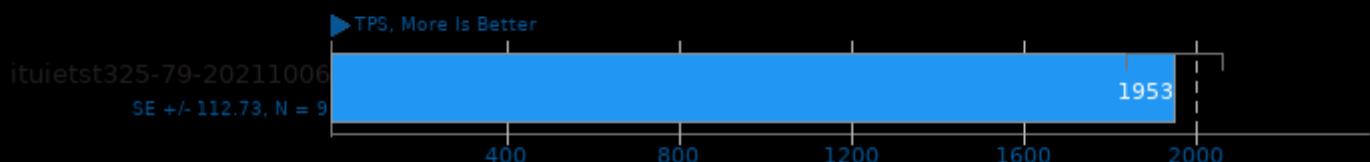
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

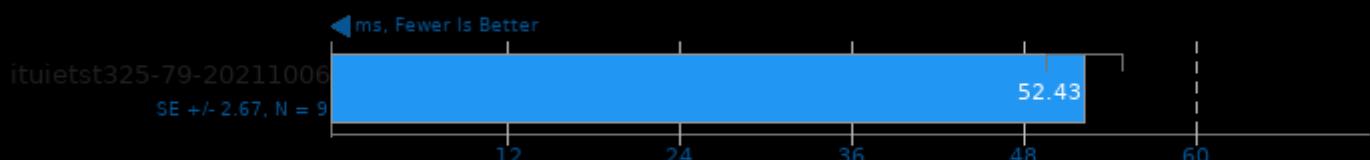
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

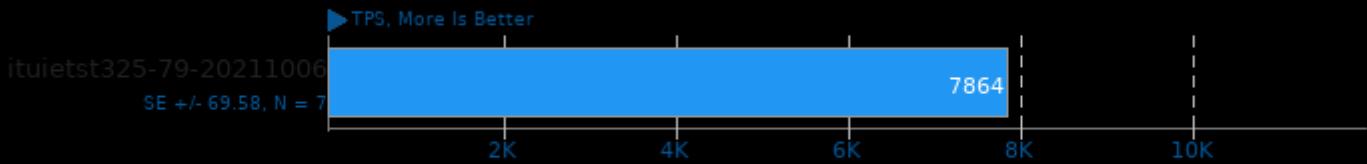
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

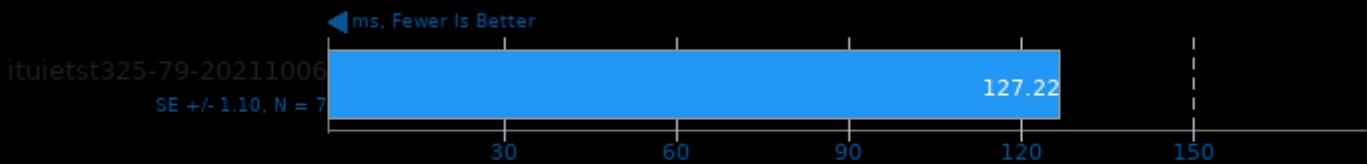
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

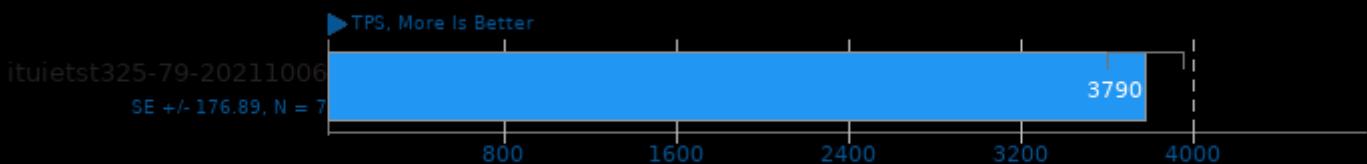
Scaling Factor: 10000 - Clients: 1000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

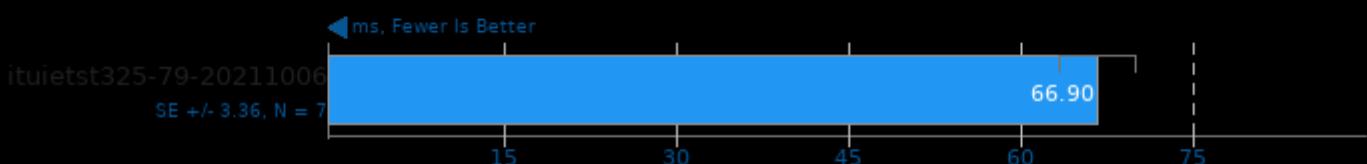
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

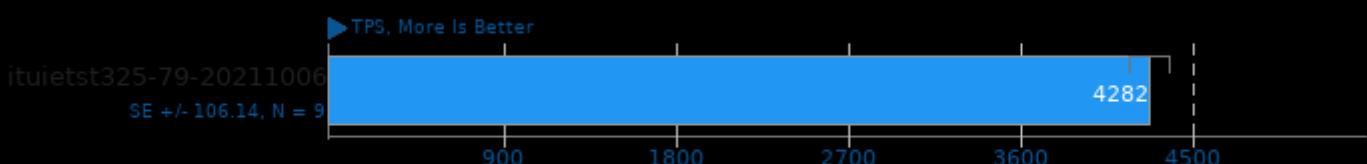
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

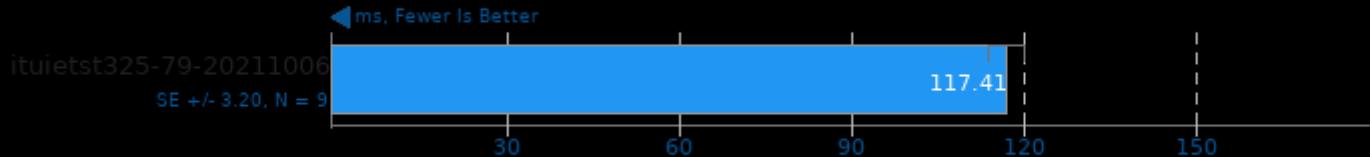
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

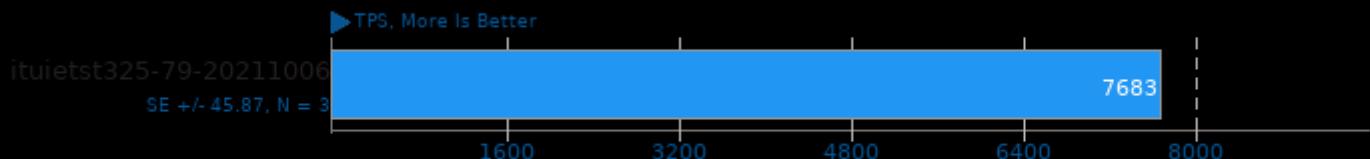
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1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpq -pthread -lrt -ldl -lm

PostgreSQL 15

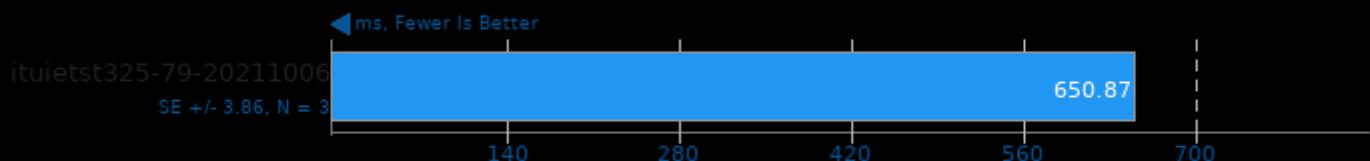
Scaling Factor: 10000 - Clients: 5000 - Mode: Read Only



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

PostgreSQL 15

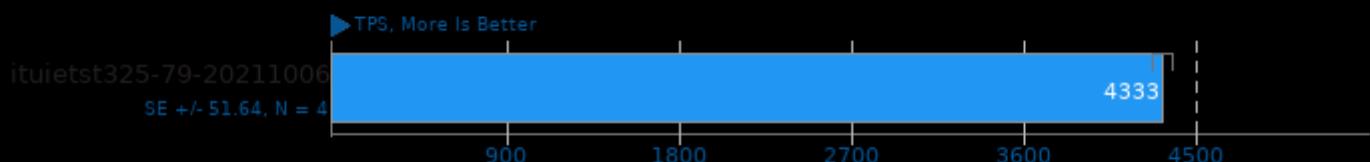
Scaling Factor: 10000 - Clients: 5000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

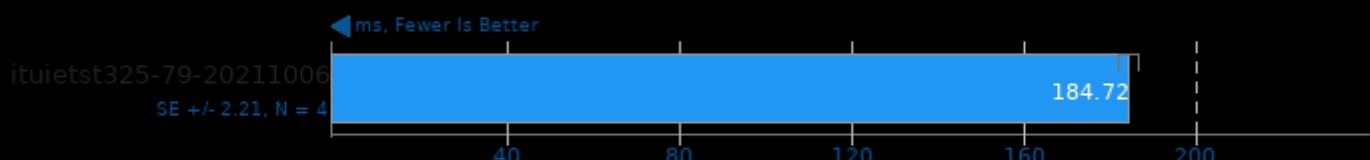
Scaling Factor: 10000 - Clients: 800 - Mode: Read Write



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

PostgreSQL 15

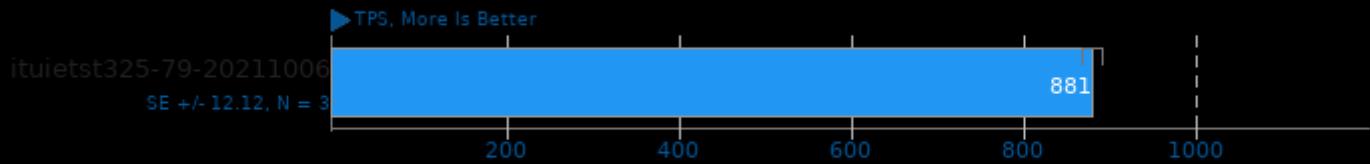
Scaling Factor: 10000 - Clients: 800 - Mode: Read Write - Average Latency



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

PostgreSQL 15

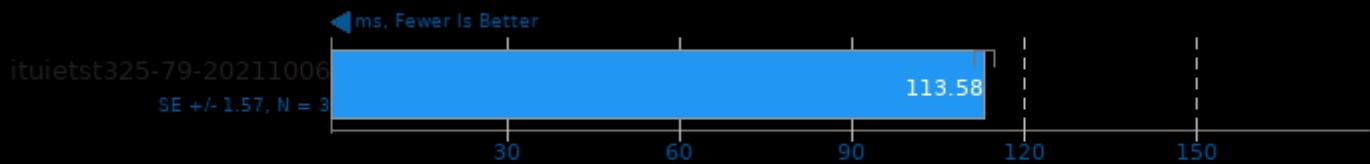
Scaling Factor: 25000 - Clients: 100 - Mode: Read Write



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

PostgreSQL 15

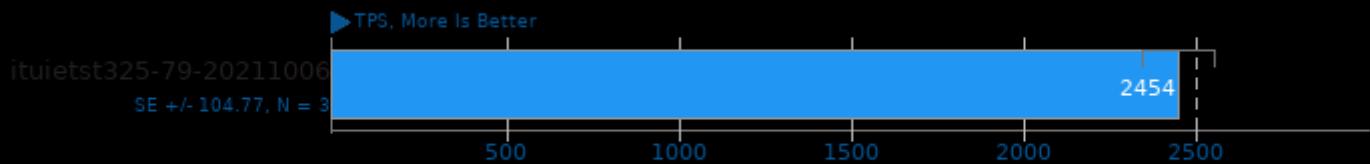
Scaling Factor: 25000 - Clients: 100 - Mode: Read Write - Average Latency



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

PostgreSQL 15

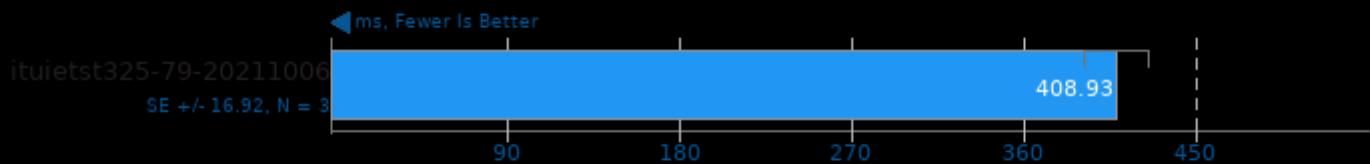
Scaling Factor: 25000 - Clients: 1000 - Mode: Read Only



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

PostgreSQL 15

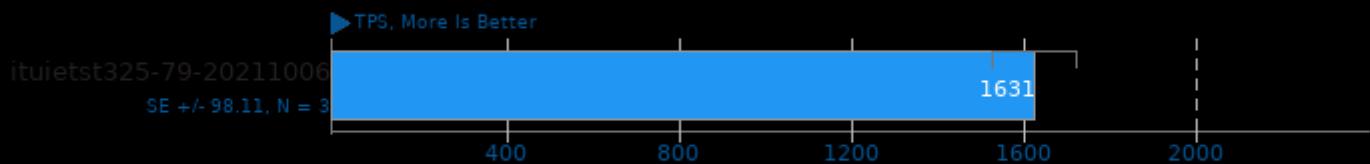
Scaling Factor: 25000 - Clients: 1000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

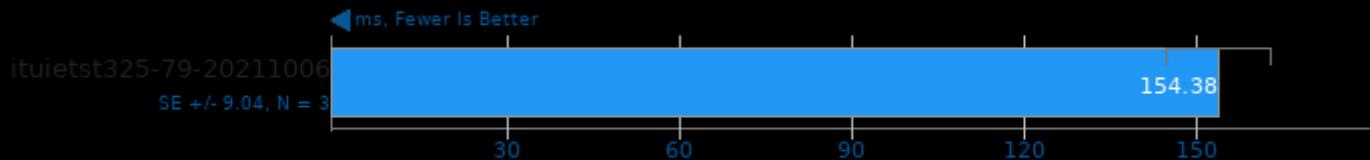
Scaling Factor: 25000 - Clients: 250 - Mode: Read Write



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

PostgreSQL 15

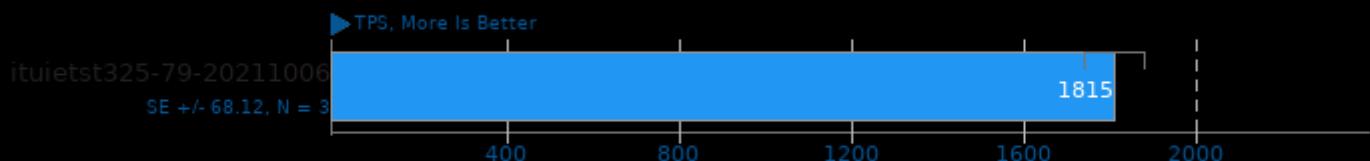
Scaling Factor: 25000 - Clients: 250 - Mode: Read Write - Average Latency



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

PostgreSQL 15

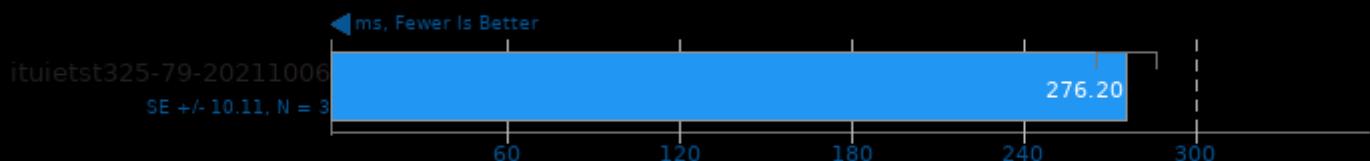
Scaling Factor: 25000 - Clients: 500 - Mode: Read Write



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

PostgreSQL 15

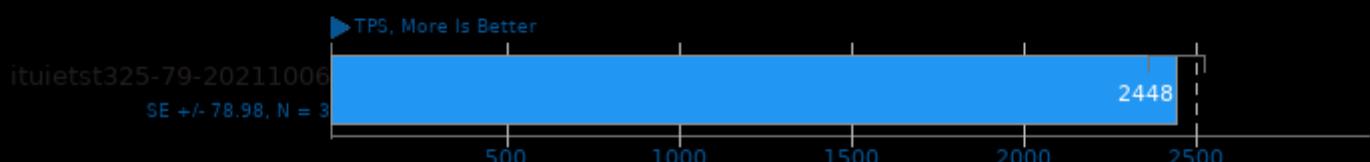
Scaling Factor: 25000 - Clients: 500 - Mode: Read Write - Average Latency



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

PostgreSQL 15

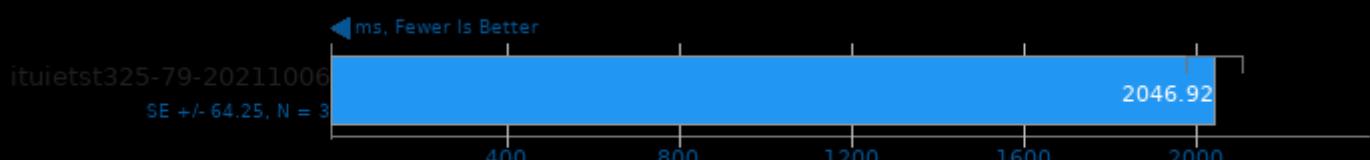
Scaling Factor: 25000 - Clients: 5000 - Mode: Read Only



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

PostgreSQL 15

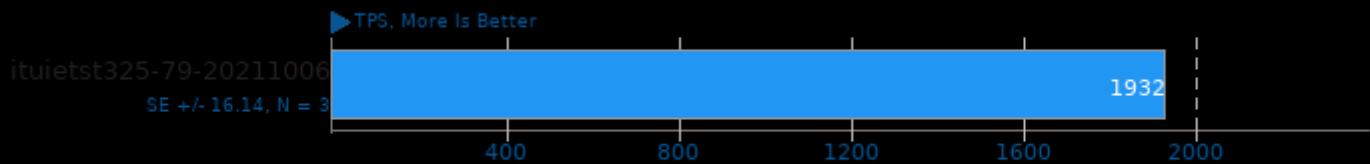
Scaling Factor: 25000 - Clients: 5000 - Mode: Read Only - Average Latency



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

PostgreSQL 15

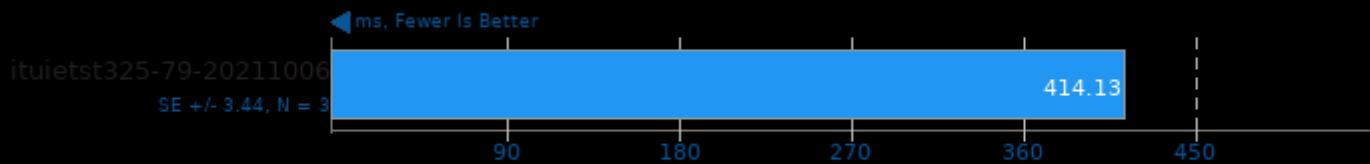
Scaling Factor: 25000 - Clients: 800 - Mode: Read Write



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

PostgreSQL 15

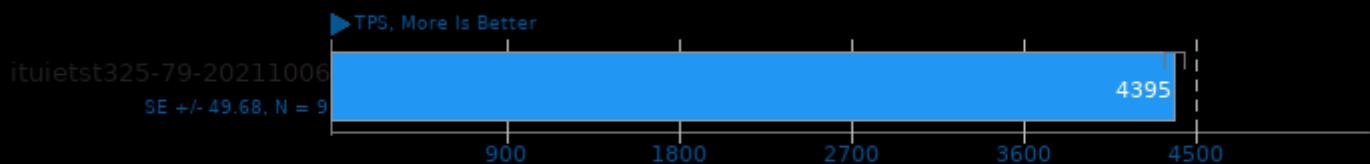
Scaling Factor: 25000 - Clients: 800 - Mode: Read Write - Average Latency



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

PostgreSQL 15

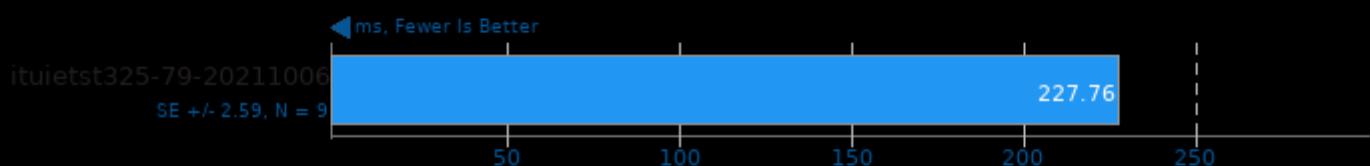
Scaling Factor: 10000 - Clients: 1000 - Mode: Read Write



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

PostgreSQL 15

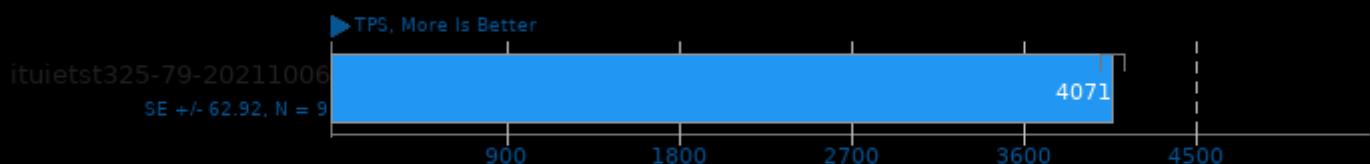
Scaling Factor: 10000 - Clients: 1000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

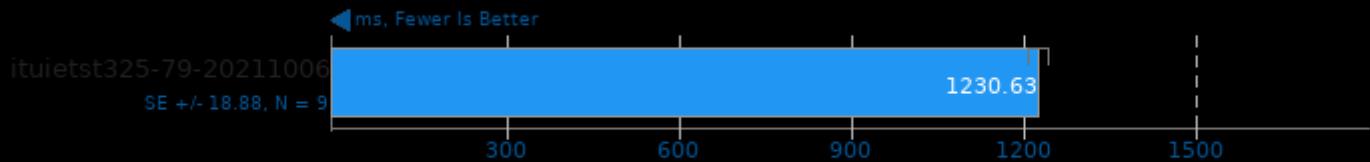
Scaling Factor: 10000 - Clients: 5000 - Mode: Read Write



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

PostgreSQL 15

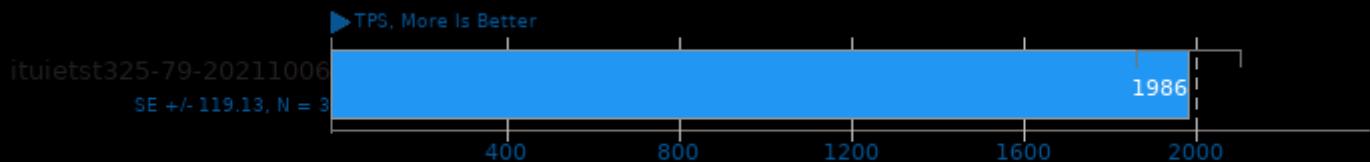
Scaling Factor: 10000 - Clients: 5000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

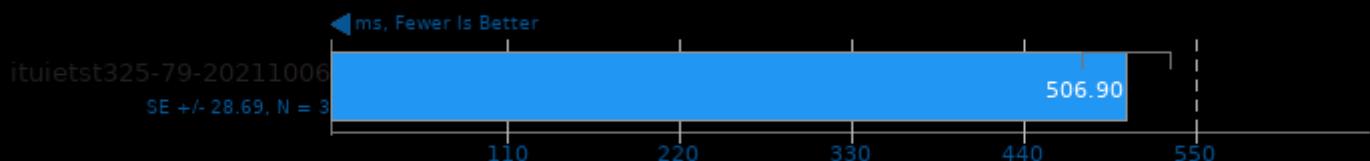
Scaling Factor: 25000 - Clients: 1000 - Mode: Read Write



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

PostgreSQL 15

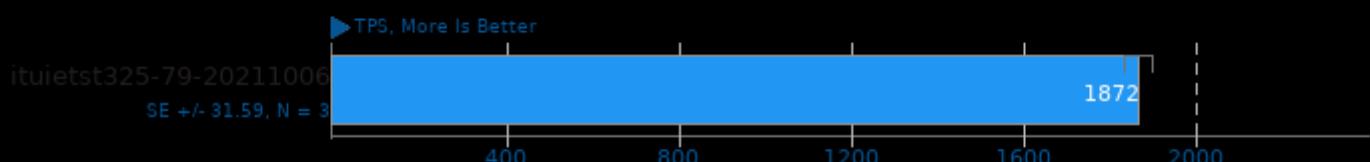
Scaling Factor: 25000 - Clients: 1000 - Mode: Read Write - Average Latency



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

PostgreSQL 15

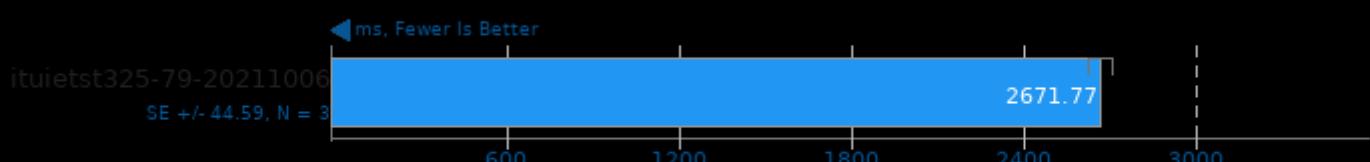
Scaling Factor: 25000 - Clients: 5000 - Mode: Read Write



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

PostgreSQL 15

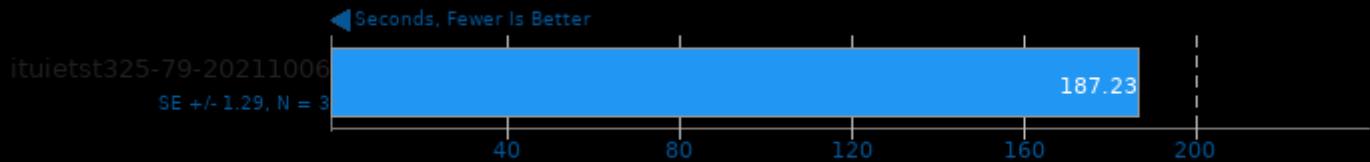
Scaling Factor: 25000 - Clients: 5000 - Mode: Read Write - Average Latency



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

SQLite Speedtest 3.30

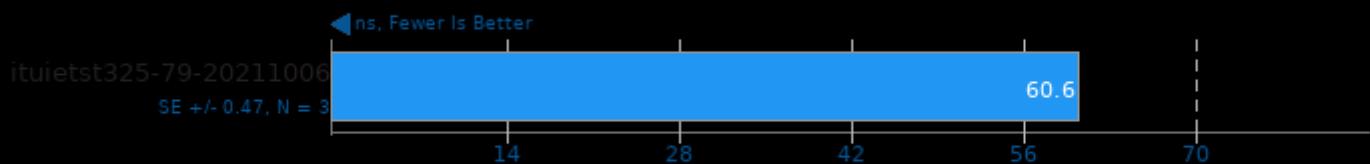
Timed Time - Size 1,000



1. (CC) gcc options: -O2 -ldl -lz -lpthread

BenchmarkMutex

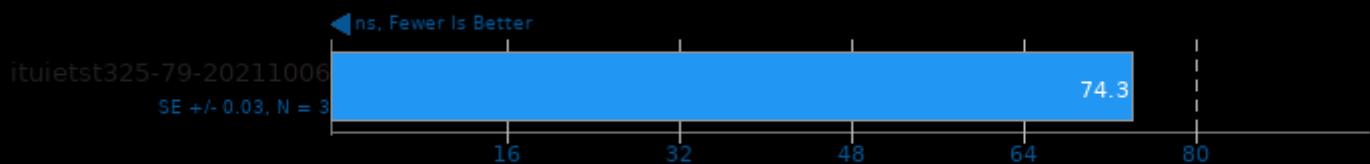
Benchmark: Shared Mutex Lock Shared



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

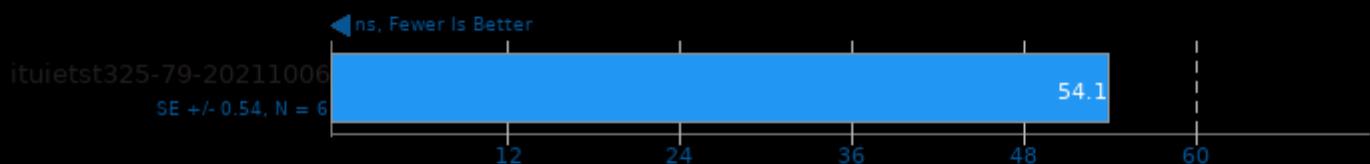
Benchmark: Mutex Lock Unlock spinlock



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

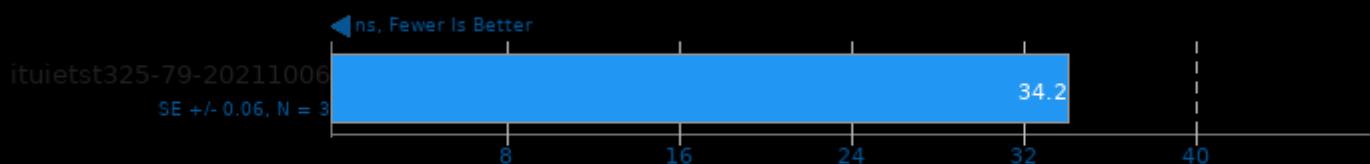
Benchmark: Mutex Lock Unlock std::mutex



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

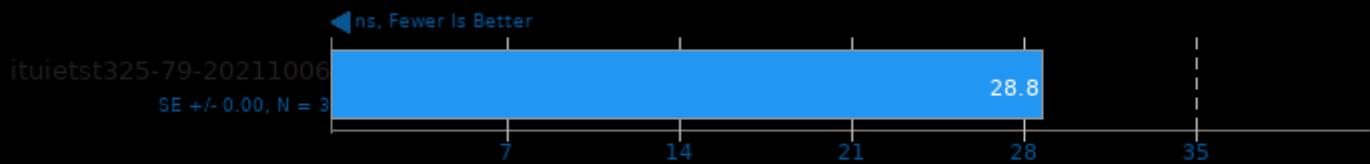
Benchmark: Mutex Lock Unlock std::mutex



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

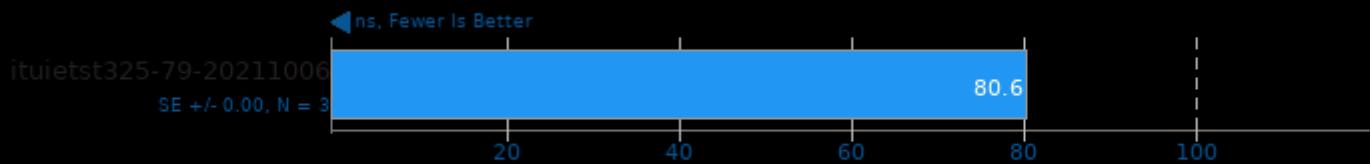
Benchmark: Semaphore Release And Acquire



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

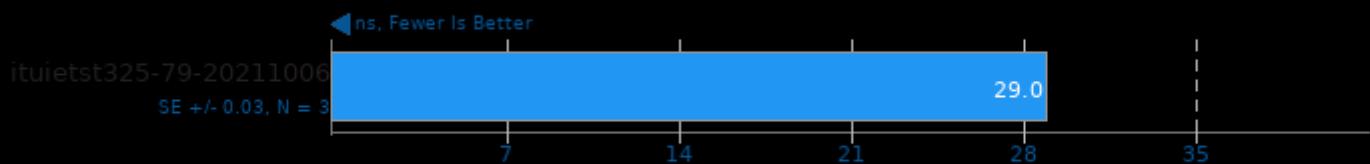
Benchmark: Mutex Lock Unlock spinlock_amd



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

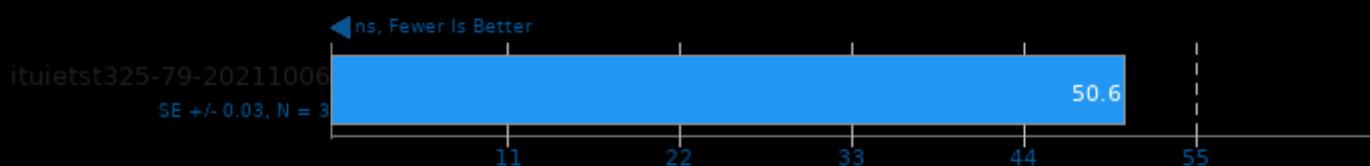
Benchmark: Mutex Lock Unlock pthread_mutex



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

BenchmarkMutex

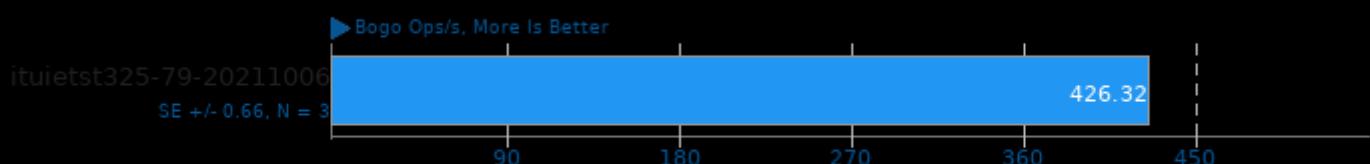
Benchmark: Mutex Lock Unlock ticket_spinlock



1. (CXX) g++ options: -std=c++17 -lbenchmark -pthread

Stress-NG 0.14.06

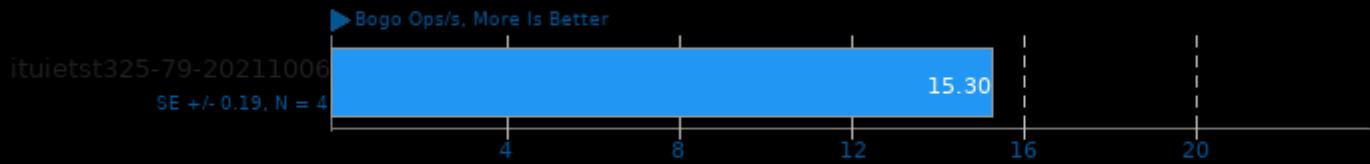
Test: MMAP



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

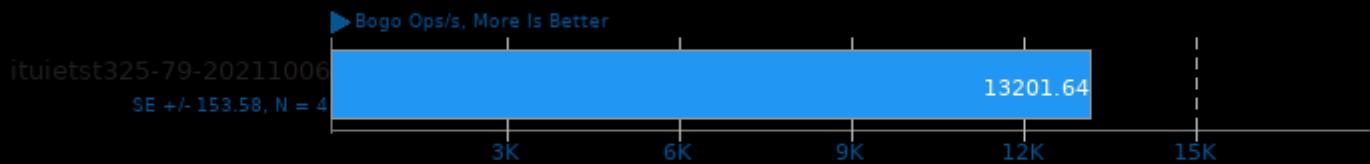
Test: NUMA



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

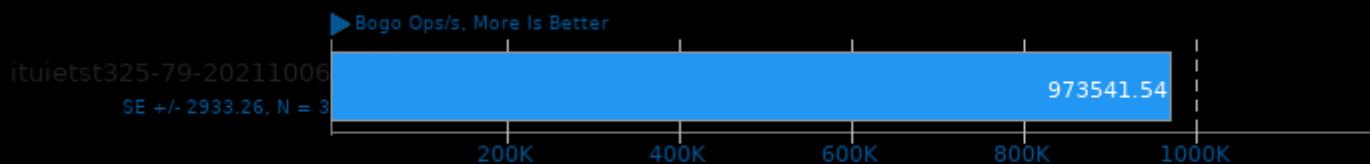
Test: Futex



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

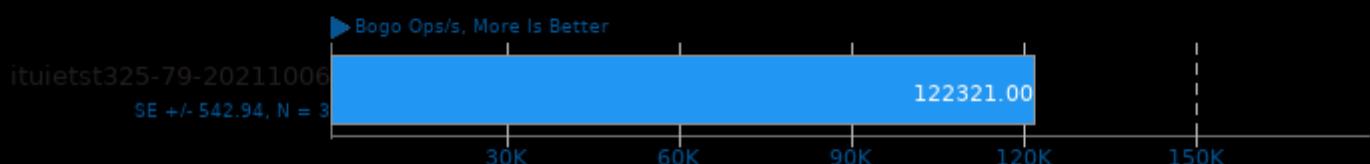
Test: Mutex



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

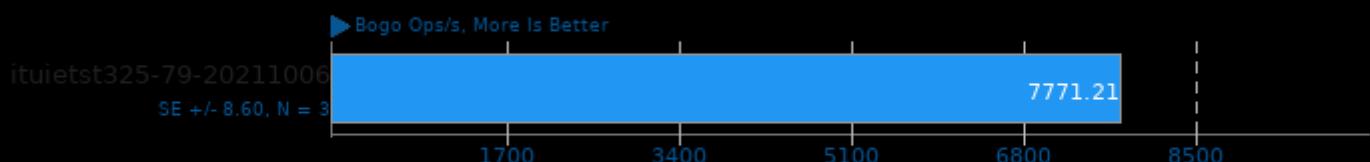
Test: Atomic



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

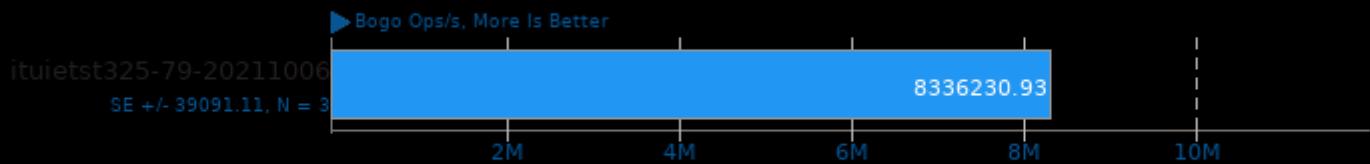
Test: Crypto



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

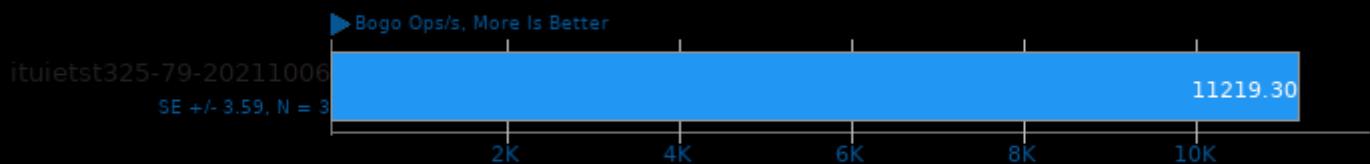
Test: Malloc



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

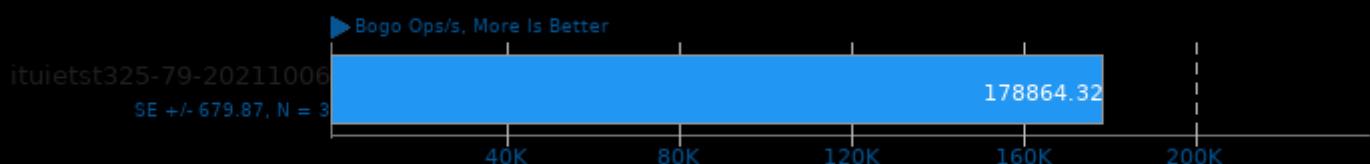
Test: Forking



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

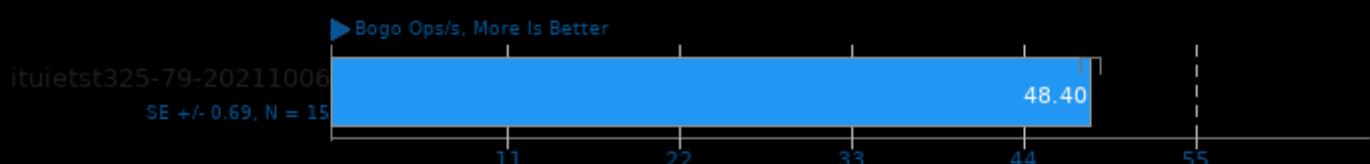
Test: SENDFILE



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

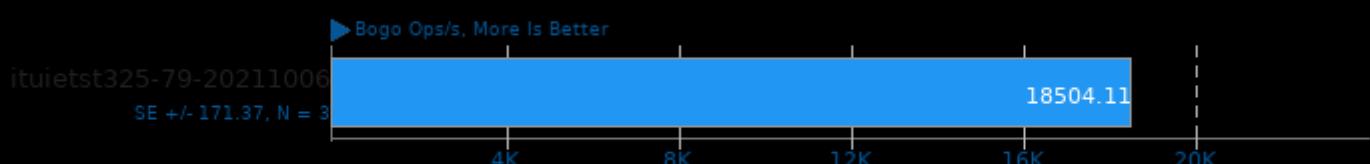
Test: CPU Cache



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

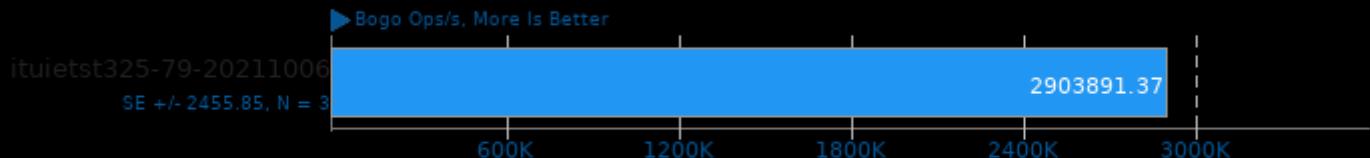
Test: CPU Stress



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

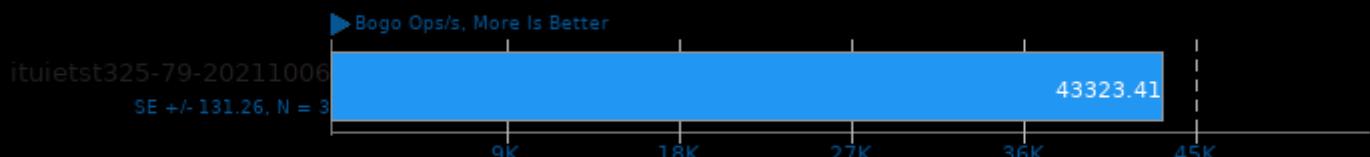
Test: Semaphores



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

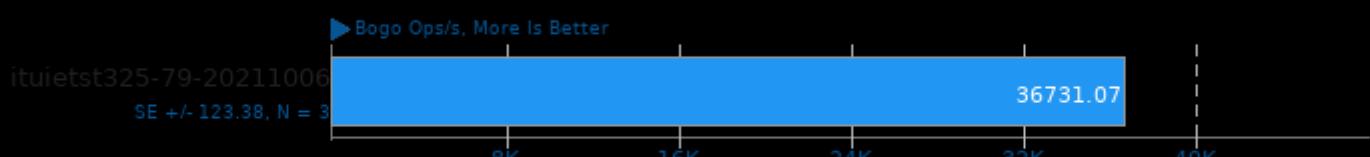
Test: Matrix Math



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

Test: Vector Math



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

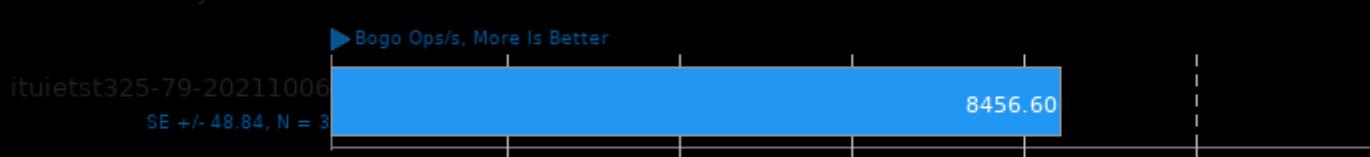
Test: Memory Copying



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

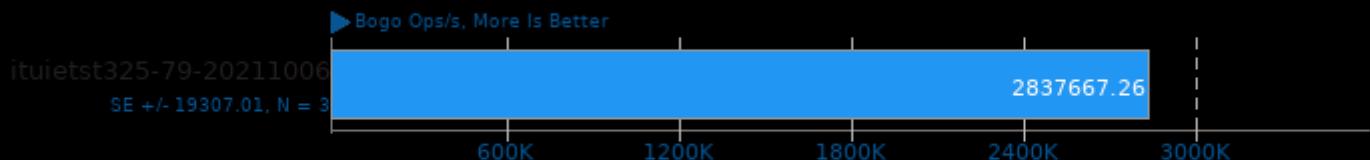
Test: Socket Activity



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-ld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

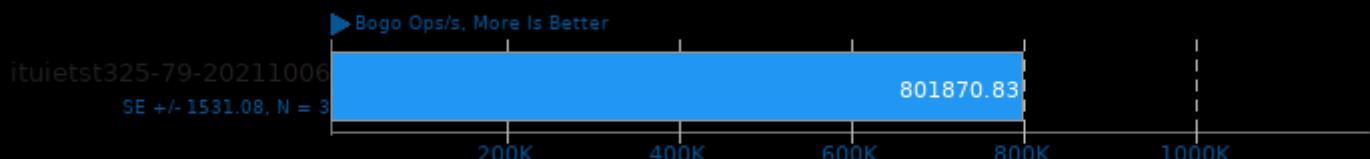
Test: Context Switching



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

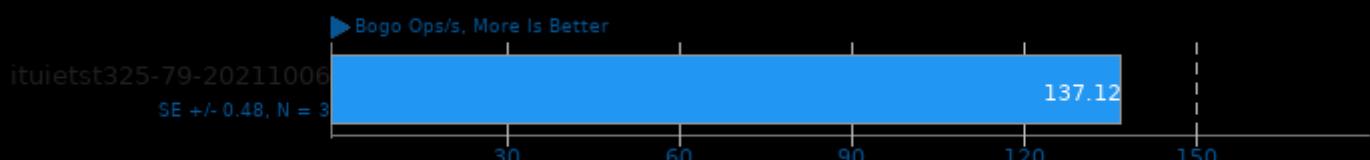
Test: Glibc C String Functions



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

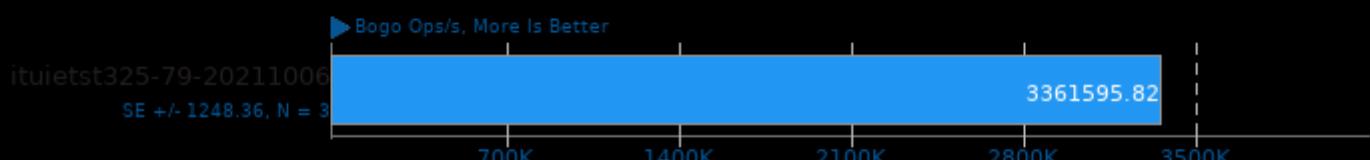
Test: Glibc Qsort Data Sorting



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

Stress-NG 0.14.06

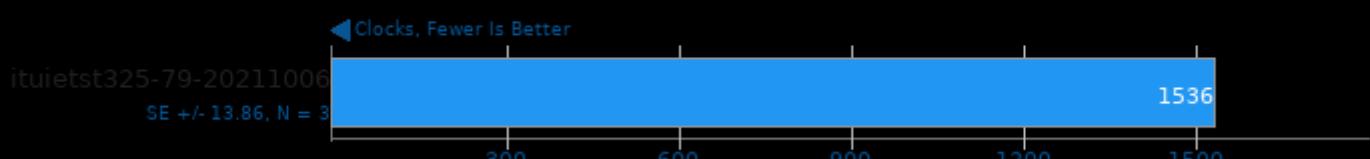
Test: System V Message Passing



1. (CC) gcc options: -O2 -std=gnu99 -lm -fuse-lld=gold -laio -lc -lcrypt -ldl -lEGL -ljpeg -lrt -lz -pthread

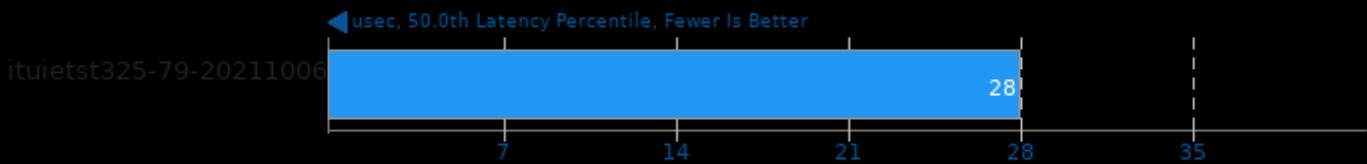
ctx_clock

Context Switch Time



Schbench 2021-09-09

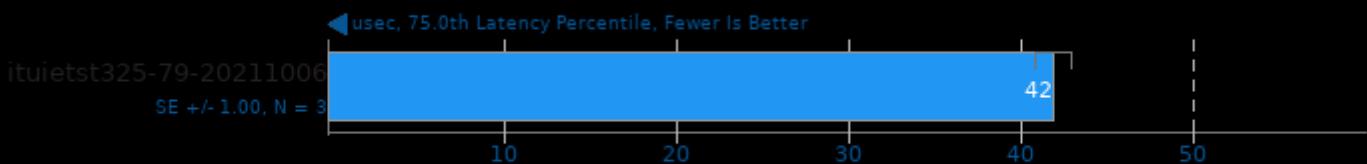
Message Threads: 8 - Workers Per Message Thread: 4



1. (CC) gcc options: -O2 -lpthread

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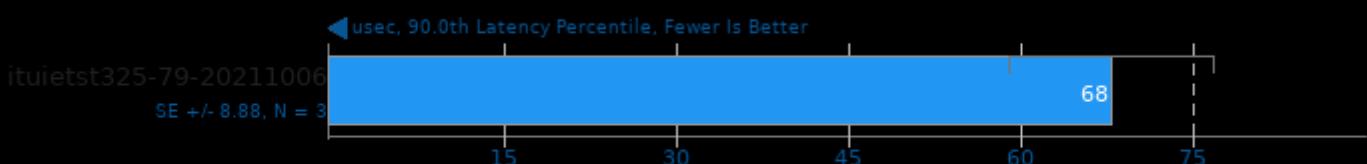
Message Threads: 8 - Workers Per Message Thread: 4



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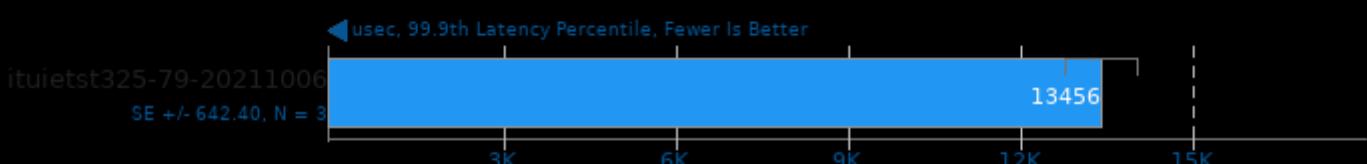
Message Threads: 8 - Workers Per Message Thread: 4



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Message Threads: 8 - Workers Per Message Thread: 4



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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 07:09.