



2025-12-19-0138

4 x Intel Xeon 6788P testing with a Fsas D4136-A1 (V1.0.0.0 R1.1.0 for D4136-A1x BIOS) and ASPEED on AlmaLinux 9.6 via the Phoronix Test Suite.

Test Systems:

4 x 64 GB DDR5-6400MT

Processor: 4 x Intel Xeon 6788P @ 3.80GHz (344 Cores / 688 Threads), Motherboard: Fsas D4136-A1 (V1.0.0.0 R1.1.0 for D4136-A1x BIOS), Chipset: Intel Ice Lake IEH, Memory: 4 x 64 GB DDR5-6400MT/s Micron, Disk: 960GB Micron_7450_MTFDKBA960TFR + 0GB ASMT105x, Graphics: ASPEED, Network: Intel I210 + 2 x Intel I350

OS: AlmaLinux 9.6, Kernel: 5.14.0-570.12.1.el9_6.x86_64 (x86_64), Desktop: GNOME Shell 40.10, Display Server: X Server, Compiler: GCC 11.5.0 20240719, File-System: xfs, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: always

Compiler Notes: --build=x86_64-redhat-linux --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-host-bind-now --enable-host-pie --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-link-serialization=1 --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-arch_64=x86-64-v2 --with-build-config=bootstrap-lto --with-gcc-major-version-only --with-linker-hash-style=gnu --with-tune=generic

--without-cuda-driver --without-isl

Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x10003f3

Security Notes: SELinux + gather_data_sampling: Not affected + itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + reg_file_data_sampling: Not affected + retbleed: Not affected + spec_rstack_overflow: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced / Automatic IBRS; IBPB: conditional; RSB filling; PBRBS-elBRS: Not affected; BHI: BHI_DIS_S + srbds: Not affected + tsx_async_abort: Not affected

4 x 64 GB DDR5-6400MT

RAMspeed SMP - Add - Integer (MB/s) 56483
RAMspeed SMP - Copy - Integer (MB/s) 58637
RAMspeed SMP - Scale - Integer (MB/s) 59695
RAMspeed SMP - Triad - Integer (MB/s) 60178
RAMspeed SMP - Average - Integer (MB/s) 57825
RAMspeed SMP - Add - Floating Point (MB/s) 59839
RAMspeed SMP - Copy - Floating Point (MB/s) 59259
RAMspeed SMP - Scale - Floating Point (MB/s) 59308
RAMspeed SMP - Triad - Floating Point (MB/s) 60132
RAMspeed SMP - Average - Floating Point (MB/s) 59687
Stream - Copy (MB/s) 104517
Stream - Scale (MB/s) 102766
Stream - Triad (MB/s) 119953
Stream - Add (MB/s) 120575
Tinymembench - Standard Malloc (MB/s) 15146
Tinymembench - Standard Memset (MB/s) 29979
t-test1 - 1 (sec) 24.556
t-test1 - 2 (sec) 8.918
WireGuard + Linux Networking Stack Stress Test (sec) 777.682
OSBench - Create Files (us/Event) 18.650195
OSBench - Create Threads (us/Event) 88.560581
OSBench - Launch Programs (us/Event) 528.891087
OSBench - Create Processes (us/Event) 313.06982
OSBench - Memory Allocations (Ns/Event) 55.6252
CacheBench - Read (MB/s) 14430
CacheBench - Write (MB/s) 78117
CacheBench - R.M.W (MB/s) 112289
Timed CPython Compilation - Default (sec) 15.85
Timed CPython Compilation - R.B.P.L.O (sec) 269.576
Schbench - 1 - 128 kb - No (usec, 50.0th Latency Percentile) 1770
Schbench - 1 - 128 kb - No (usec, 90.0th Latency Percentile) 145152
Schbench - 1 - 128 kb - No (usec, 99.9th Latency Percentile) 2420
Schbench - 1 - 128 kb - No (RPS) 142731
Schbench - 1 - 256 kb - No (usec, 50.0th Latency Percentile) 5224
Schbench - 1 - 256 kb - No (usec, 90.0th Latency Percentile) 128128
Schbench - 1 - 256 kb - No (usec, 99.9th Latency Percentile) 6856
Schbench - 1 - 256 kb - No (RPS) 126192
Schbench - 4 - 128 kb - No (usec, 50.0th Latency Percentile) 2052

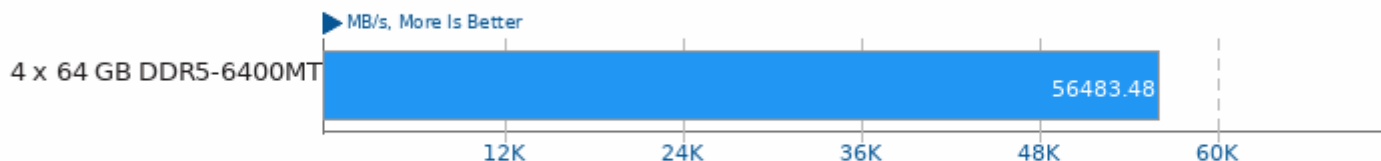
Schbench - 4 - 128 kb - No (usec, 90.0th Latency Percentile) 322048
Schbench - 4 - 128 kb - No (usec, 99.9th Latency Percentile) 3668
Schbench - 4 - 128 kb - No (RPS) 317898
Schbench - 4 - 256 kb - No (usec, 50.0th Latency Percentile) 5272
Schbench - 4 - 256 kb - No (usec, 90.0th Latency Percentile) 127104
Schbench - 4 - 256 kb - No (usec, 99.9th Latency Percentile) 7240
Schbench - 4 - 256 kb - No (RPS) 126371
Schbench - 8 - 128 kb - No (usec, 50.0th Latency Percentile) 2060
Schbench - 8 - 128 kb - No (usec, 90.0th Latency Percentile) 321024
Schbench - 8 - 128 kb - No (usec, 99.9th Latency Percentile) 3844
Schbench - 8 - 128 kb - No (RPS) 316561
Schbench - 8 - 256 kb - No (usec, 50.0th Latency Percentile) 5256
Schbench - 8 - 256 kb - No (usec, 90.0th Latency Percentile) 126848
Schbench - 8 - 256 kb - No (usec, 99.9th Latency Percentile) 7224
Schbench - 8 - 256 kb - No (RPS) 126193
Schbench - 1 - 128 kb - Yes (usec, 50.0th Latency Percentile) 1766
Schbench - 1 - 128 kb - Yes (usec, 90.0th Latency Percentile) 147200
Schbench - 1 - 128 kb - Yes (usec, 99.9th Latency Percentile) 2436
Schbench - 1 - 128 kb - Yes (RPS) 144293
Schbench - 1 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5256
Schbench - 1 - 256 kb - Yes (usec, 90.0th Latency Percentile) 127360
Schbench - 1 - 256 kb - Yes (usec, 99.9th Latency Percentile) 6840
Schbench - 1 - 256 kb - Yes (RPS) 126214
Schbench - 16 - 128 kb - No (usec, 50.0th Latency Percentile) 2060
Schbench - 16 - 128 kb - No (usec, 90.0th Latency Percentile) 321024
Schbench - 16 - 128 kb - No (usec, 99.9th Latency Percentile) 3948
Schbench - 16 - 128 kb - No (RPS) 315808
Schbench - 16 - 256 kb - No (usec, 50.0th Latency Percentile) 5304
Schbench - 16 - 256 kb - No (usec, 90.0th Latency Percentile) 128896
Schbench - 16 - 256 kb - No (usec, 99.9th Latency Percentile) 9520
Schbench - 16 - 256 kb - No (RPS) 127425
Schbench - 32 - 128 kb - No (usec, 50.0th Latency Percentile) 2068
Schbench - 32 - 128 kb - No (usec, 90.0th Latency Percentile) 326144
Schbench - 32 - 128 kb - No (usec, 99.9th Latency Percentile) 4696
Schbench - 32 - 128 kb - No (RPS) 320451
Schbench - 32 - 256 kb - No (usec, 50.0th Latency Percentile) 5304
Schbench - 32 - 256 kb - No (usec, 90.0th Latency Percentile) 129664
Schbench - 32 - 256 kb - No (usec, 99.9th Latency Percentile) 10992
Schbench - 32 - 256 kb - No (RPS) 128278
Schbench - 4 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2060
Schbench - 4 - 128 kb - Yes (usec, 90.0th Latency Percentile) 323072
Schbench - 4 - 128 kb - Yes (usec, 99.9th Latency Percentile) 3668
Schbench - 4 - 128 kb - Yes (RPS) 316950
Schbench - 4 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5272
Schbench - 4 - 256 kb - Yes (usec, 90.0th Latency Percentile) 126848
Schbench - 4 - 256 kb - Yes (usec, 99.9th Latency Percentile) 7192
Schbench - 4 - 256 kb - Yes (RPS) 126186
Schbench - 64 - 128 kb - No (usec, 50.0th Latency Percentile) 2068

Schbench - 64 - 128 kb - No (usec, 90.0th Latency Percentile) 335360
Schbench - 64 - 128 kb - No (usec, 99.9th Latency Percentile) 4696
Schbench - 64 - 128 kb - No (RPS) 323010
Schbench - 64 - 256 kb - No (usec, 50.0th Latency Percentile) 5304
Schbench - 64 - 256 kb - No (usec, 90.0th Latency Percentile) 130176
Schbench - 64 - 256 kb - No (usec, 99.9th Latency Percentile) 10992
Schbench - 64 - 256 kb - No (RPS) 128707
Schbench - 8 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2060
Schbench - 8 - 128 kb - Yes (usec, 90.0th Latency Percentile) 320000
Schbench - 8 - 128 kb - Yes (usec, 99.9th Latency Percentile) 3876
Schbench - 8 - 128 kb - Yes (RPS) 316099
Schbench - 8 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5272
Schbench - 8 - 256 kb - Yes (usec, 90.0th Latency Percentile) 126592
Schbench - 8 - 256 kb - Yes (usec, 99.9th Latency Percentile) 7336
Schbench - 8 - 256 kb - Yes (RPS) 125943
Schbench - 128 - 128 kb - No (usec, 50.0th Latency Percentile) 2084
Schbench - 128 - 128 kb - No (usec, 90.0th Latency Percentile) 339456
Schbench - 128 - 128 kb - No (usec, 99.9th Latency Percentile) 6024
Schbench - 128 - 128 kb - No (RPS) 329680
Schbench - 128 - 256 kb - No (usec, 50.0th Latency Percentile) 5304
Schbench - 128 - 256 kb - No (usec, 90.0th Latency Percentile) 133376
Schbench - 128 - 256 kb - No (usec, 99.9th Latency Percentile) 14480
Schbench - 128 - 256 kb - No (RPS) 131236
Schbench - 16 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2060
Schbench - 16 - 128 kb - Yes (usec, 90.0th Latency Percentile) 318976
Schbench - 16 - 128 kb - Yes (usec, 99.9th Latency Percentile) 3996
Schbench - 16 - 128 kb - Yes (RPS) 315172
Schbench - 16 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5304
Schbench - 16 - 256 kb - Yes (usec, 90.0th Latency Percentile) 128640
Schbench - 16 - 256 kb - Yes (usec, 99.9th Latency Percentile) 10160
Schbench - 16 - 256 kb - Yes (RPS) 127232
Schbench - 256 - 128 kb - No (usec, 50.0th Latency Percentile) 2092
Schbench - 256 - 128 kb - No (usec, 90.0th Latency Percentile) 336384
Schbench - 256 - 128 kb - No (usec, 99.9th Latency Percentile) 5576
Schbench - 256 - 128 kb - No (RPS) 332368
Schbench - 256 - 256 kb - No (usec, 50.0th Latency Percentile) 5304
Schbench - 256 - 256 kb - No (usec, 90.0th Latency Percentile) 131840
Schbench - 256 - 256 kb - No (usec, 99.9th Latency Percentile) 13456
Schbench - 256 - 256 kb - No (RPS) 131795
Schbench - 32 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2068
Schbench - 32 - 128 kb - Yes (usec, 90.0th Latency Percentile) 324096
Schbench - 32 - 128 kb - Yes (usec, 99.9th Latency Percentile) 4808
Schbench - 32 - 128 kb - Yes (RPS) 320469
Schbench - 32 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5304
Schbench - 32 - 256 kb - Yes (usec, 90.0th Latency Percentile) 129152
Schbench - 32 - 256 kb - Yes (usec, 99.9th Latency Percentile) 12592
Schbench - 32 - 256 kb - Yes (RPS) 127758
Schbench - 64 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2068

Schbench - 64 - 128 kb - Yes (usec, 90.0th Latency Percentile) 330240
Schbench - 64 - 128 kb - Yes (usec, 99.9th Latency Percentile) 4968
Schbench - 64 - 128 kb - Yes (RPS) 321413
Schbench - 64 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5304
Schbench - 64 - 256 kb - Yes (usec, 90.0th Latency Percentile) 129664
Schbench - 64 - 256 kb - Yes (usec, 99.9th Latency Percentile) 12944
Schbench - 64 - 256 kb - Yes (RPS) 127989
Schbench - 128 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2084
Schbench - 128 - 128 kb - Yes (usec, 90.0th Latency Percentile) 336384
Schbench - 128 - 128 kb - Yes (usec, 99.9th Latency Percentile) 16544
Schbench - 128 - 128 kb - Yes (RPS) 324796
Schbench - 128 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5288
Schbench - 128 - 256 kb - Yes (usec, 90.0th Latency Percentile) 130432
Schbench - 128 - 256 kb - Yes (usec, 99.9th Latency Percentile) 19872
Schbench - 128 - 256 kb - Yes (RPS) 129233
Schbench - 256 - 128 kb - Yes (usec, 50.0th Latency Percentile) 2100
Schbench - 256 - 128 kb - Yes (usec, 90.0th Latency Percentile) 339456
Schbench - 256 - 128 kb - Yes (usec, 99.9th Latency Percentile) 7208
Schbench - 256 - 128 kb - Yes (RPS) 331914
Schbench - 256 - 256 kb - Yes (usec, 50.0th Latency Percentile) 5288
Schbench - 256 - 256 kb - Yes (usec, 90.0th Latency Percentile) 132352
Schbench - 256 - 256 kb - Yes (usec, 99.9th Latency Percentile) 16368
Schbench - 256 - 256 kb - Yes (RPS) 130639

RAMspeed SMP 3.5.0

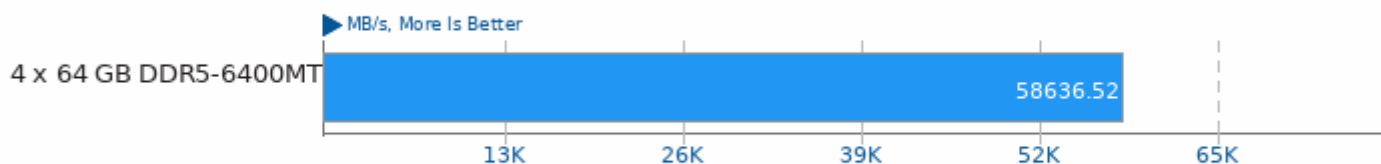
Type: Add - Benchmark: Integer



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

RAMspeed SMP 3.5.0

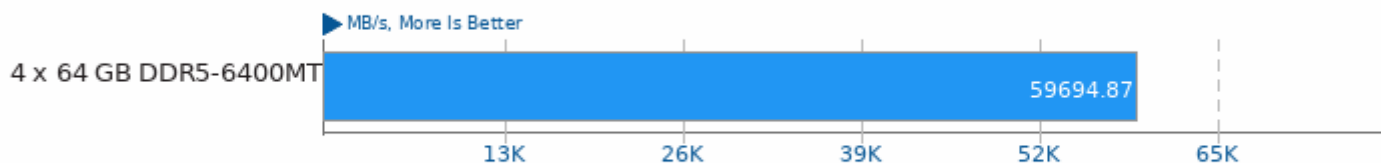
Type: Copy - Benchmark: Integer



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

RAMspeed SMP 3.5.0

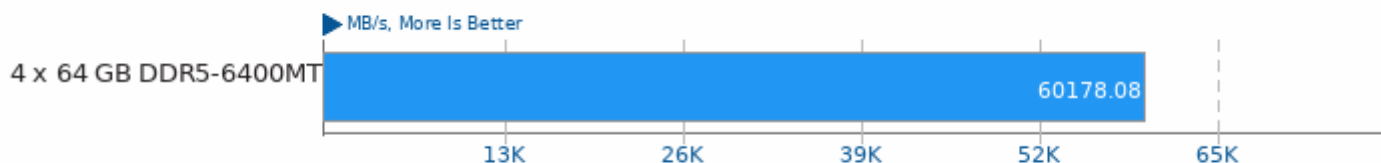
Type: Scale - Benchmark: Integer



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

RAMspeed SMP 3.5.0

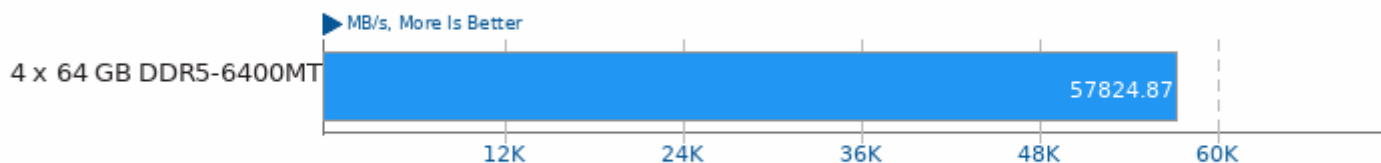
Type: Triad - Benchmark: Integer



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

RAMspeed SMP 3.5.0

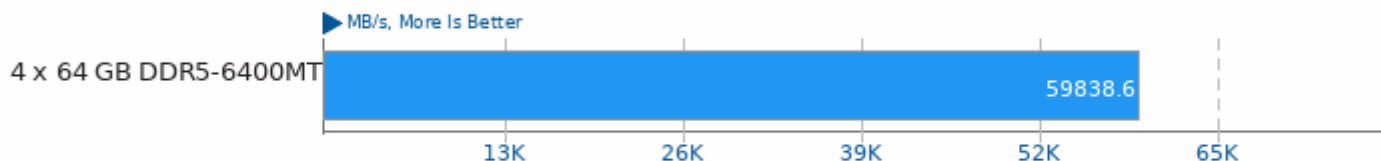
Type: Average - Benchmark: Integer



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

RAMspeed SMP 3.5.0

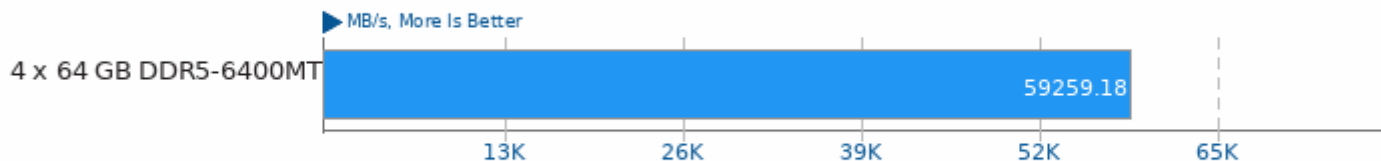
Type: Add - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

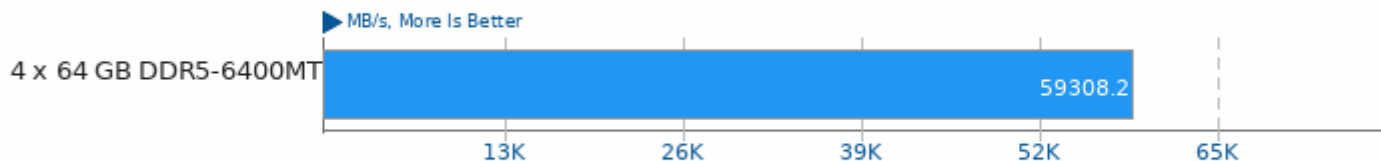
Type: Copy - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

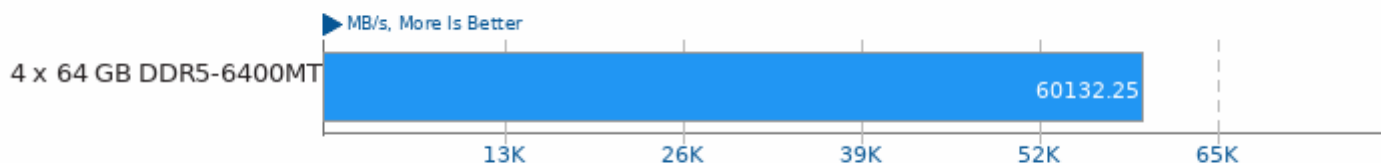
Type: Scale - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

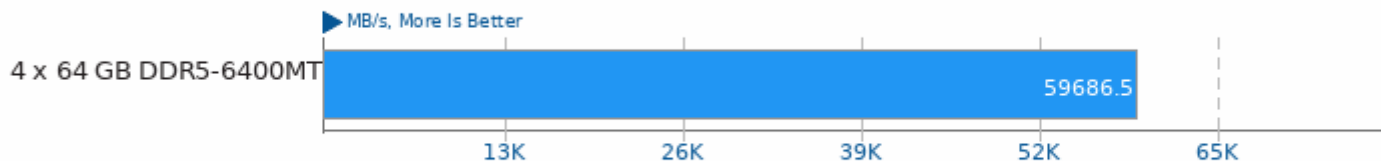
Type: Triad - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

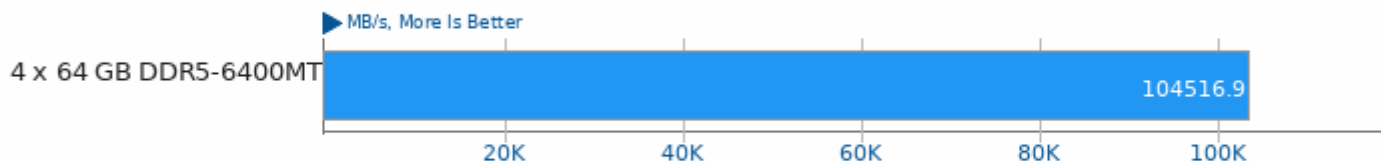
Type: Average - Benchmark: Floating Point



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

Stream 2013-01-17

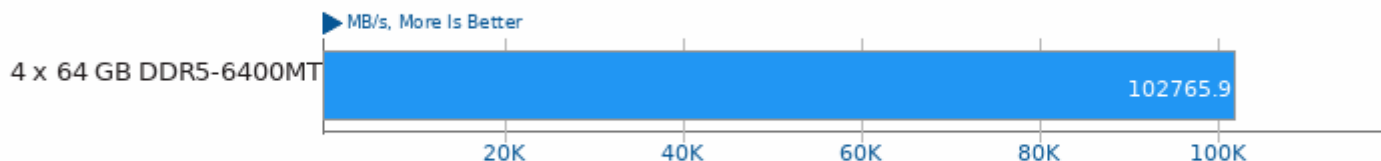
Type: Copy



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

Stream 2013-01-17

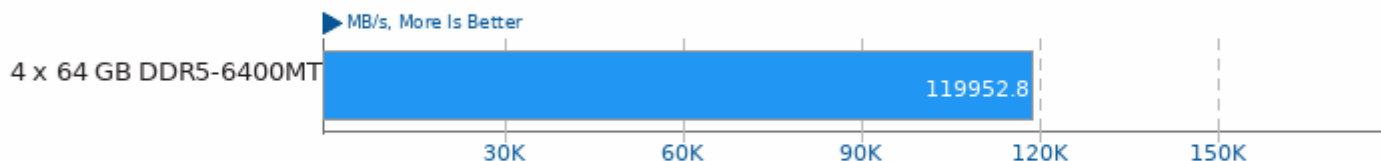
Type: Scale



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

Stream 2013-01-17

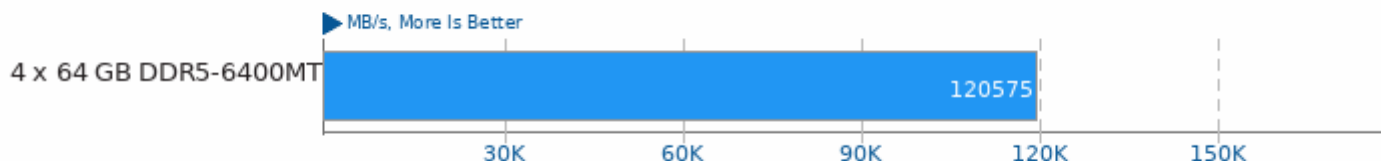
Type: Triad



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

Stream 2013-01-17

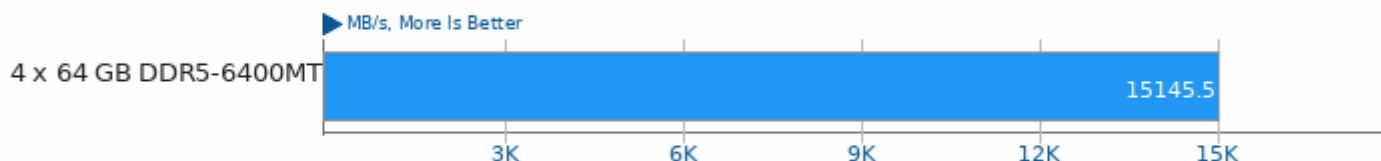
Type: Add



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

Tinymembench 2018-05-28

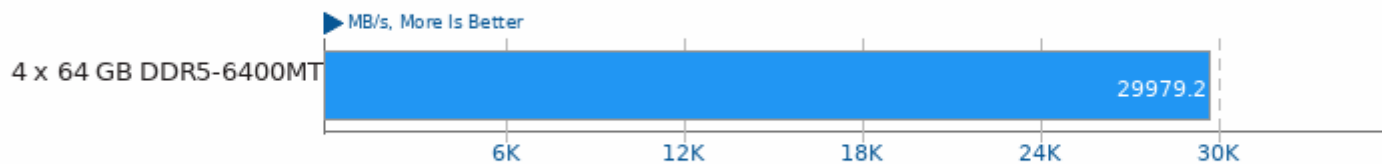
Standard Memcpy



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

Tinymembench 2018-05-28

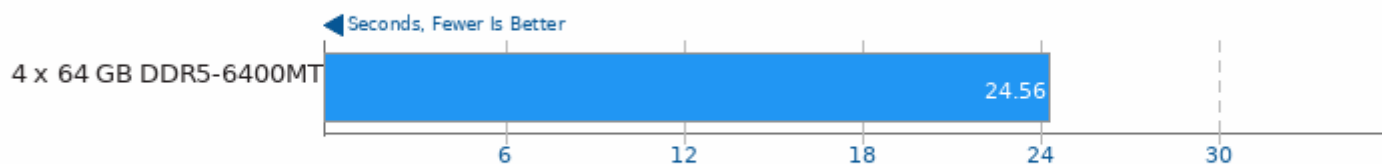
Standard Memset



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

t-test1 2017-01-13

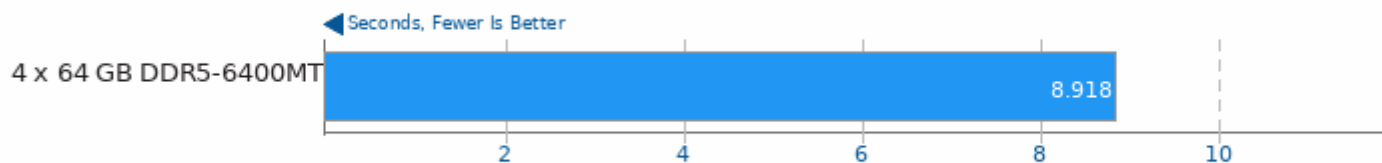
Threads: 1



1. (CC) gcc options: -pthread

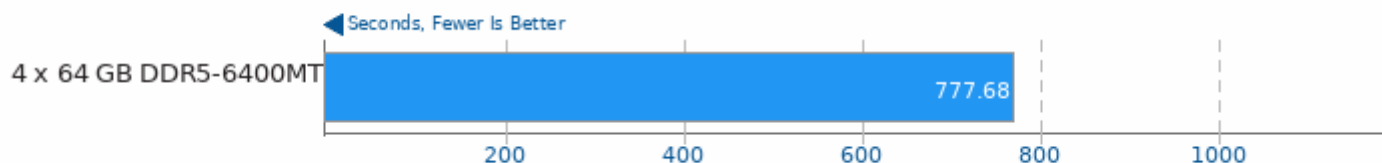
t-test1 2017-01-13

Threads: 2



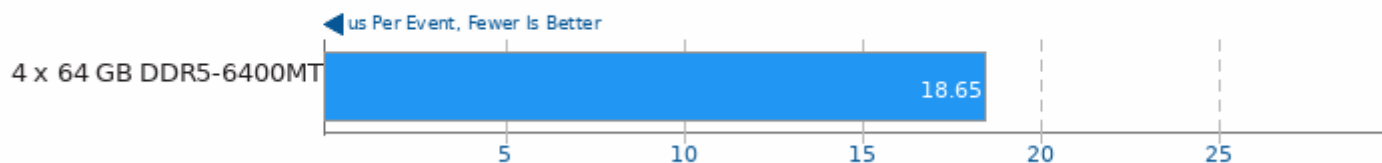
1. (CC) gcc options: -pthread

WireGuard + Linux Networking Stack Stress Test



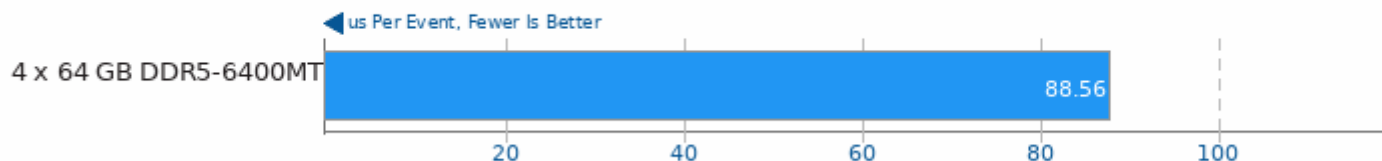
OSBench

Test: Create Files



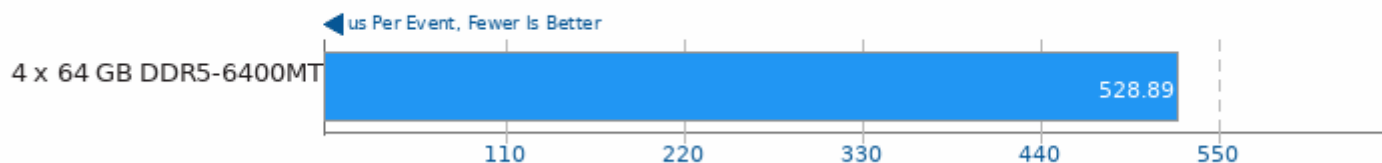
OSBench

Test: Create Threads



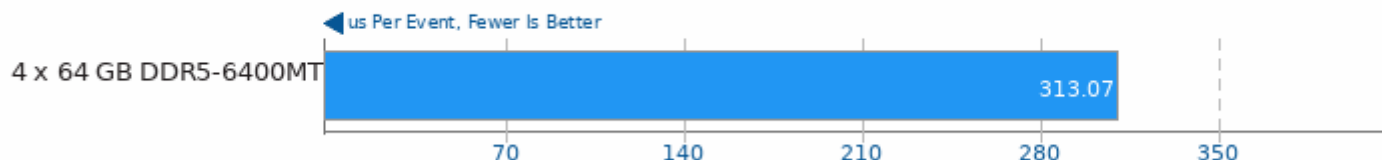
OSBench

Test: Launch Programs



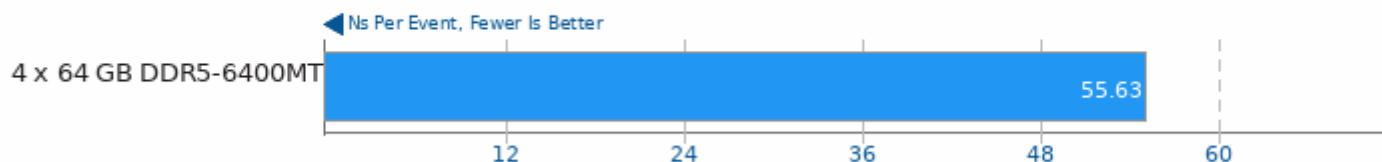
OSBench

Test: Create Processes



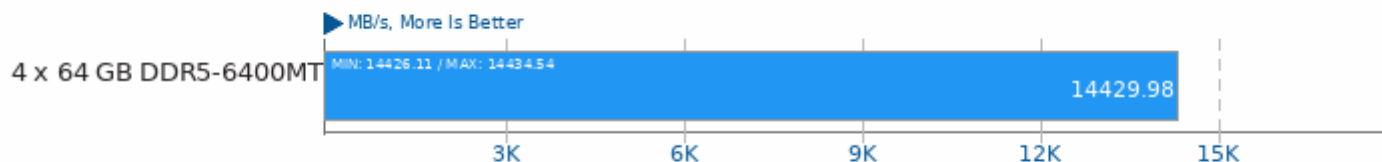
OSBench

Test: Memory Allocations



CacheBench

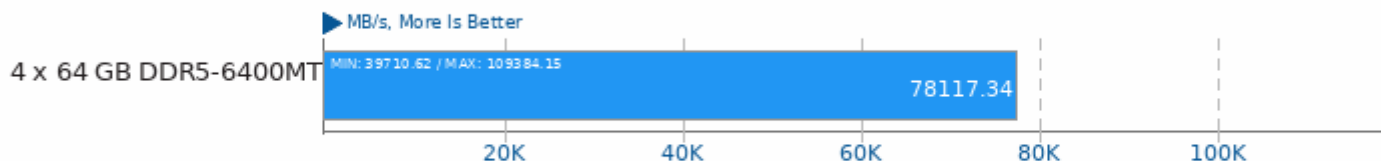
Test: Read



1. (CC) gcc options: -O3 -lrt

CacheBench

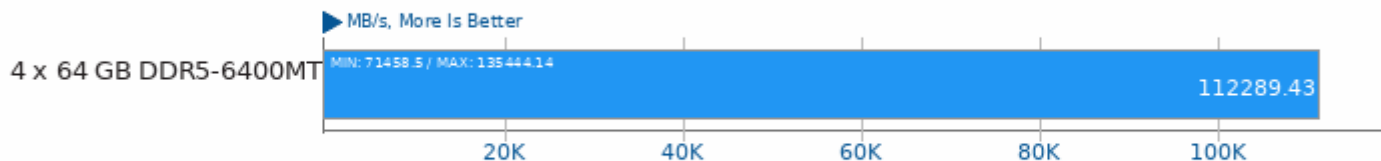
Test: Write



1. (CC) gcc options: -O3 -lrt

CacheBench

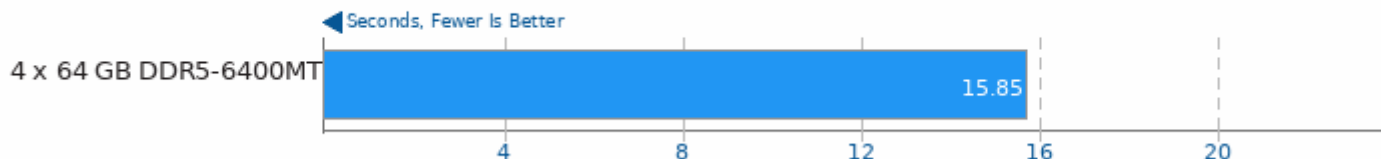
Test: Read / Modify / Write



1. (CC) gcc options: -O3 -lrt

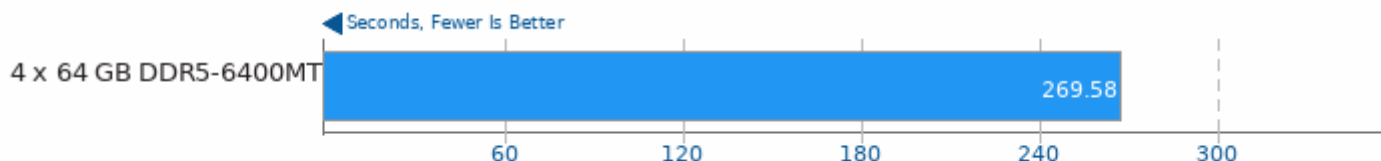
Timed CPython Compilation 3.10.6

Build Configuration: Default



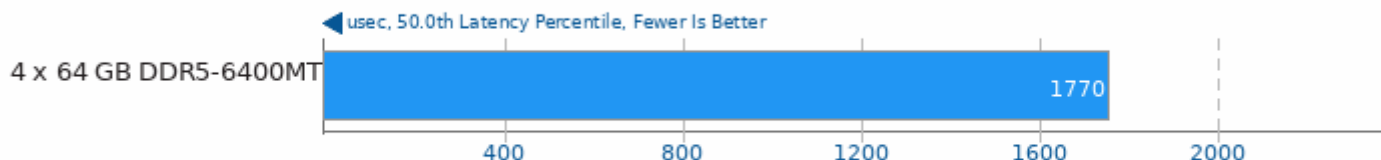
Timed CPython Compilation 3.10.6

Build Configuration: Released Build, PGO + LTO Optimized



Schbench 2023-04-21

Message Threads: 1 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

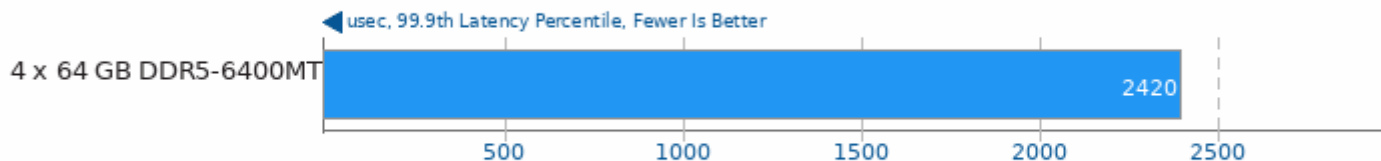
Message Threads: 1 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

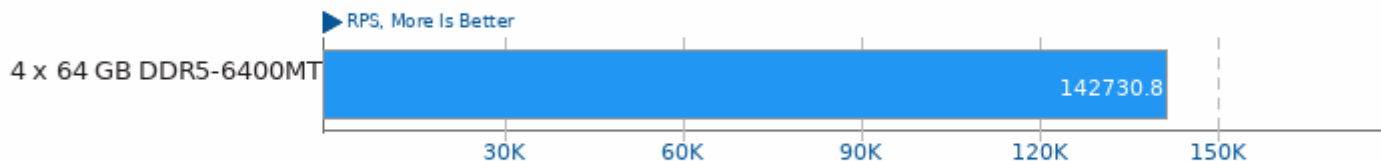
Message Threads: 1 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 1 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

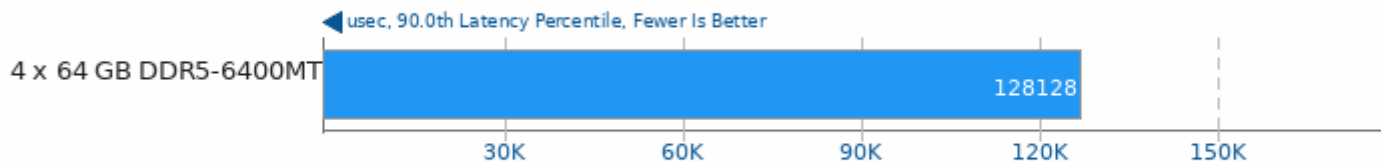
Message Threads: 1 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 1 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

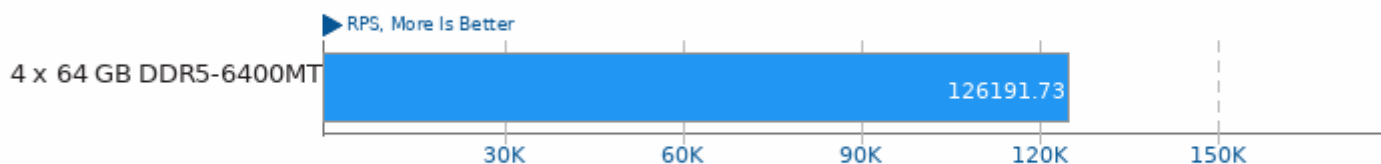
Message Threads: 1 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

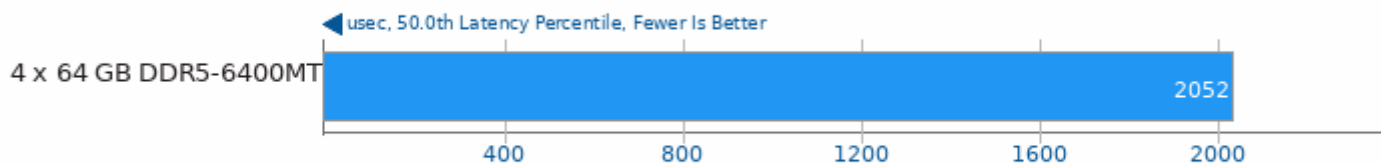
Message Threads: 1 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

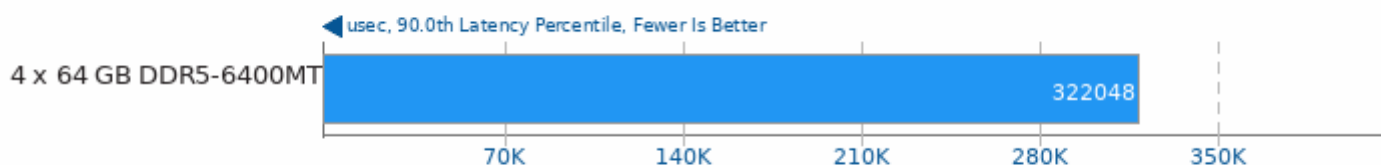
Message Threads: 4 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 4 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

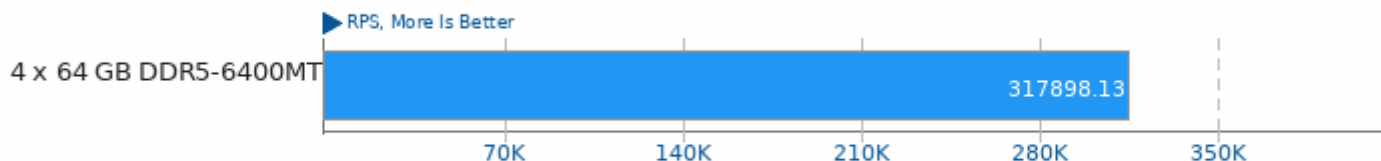
Message Threads: 4 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

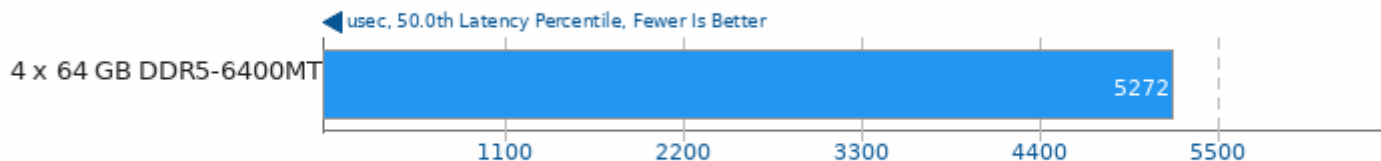
Message Threads: 4 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

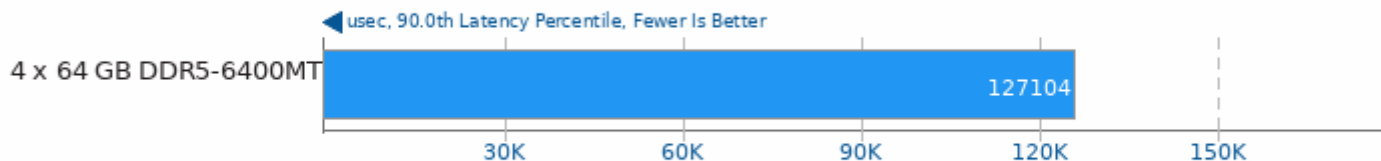
Message Threads: 4 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 4 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

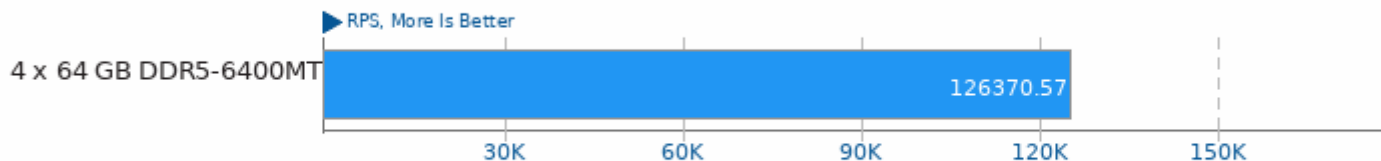
Message Threads: 4 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

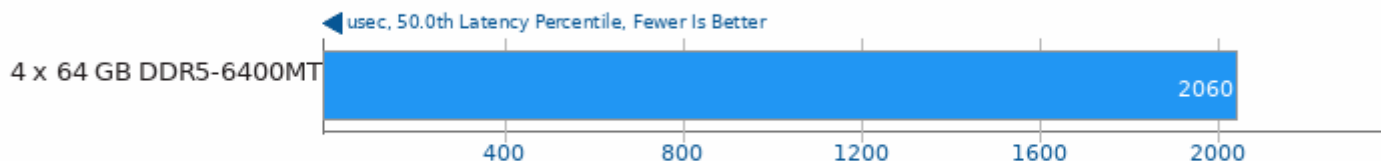
Message Threads: 4 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

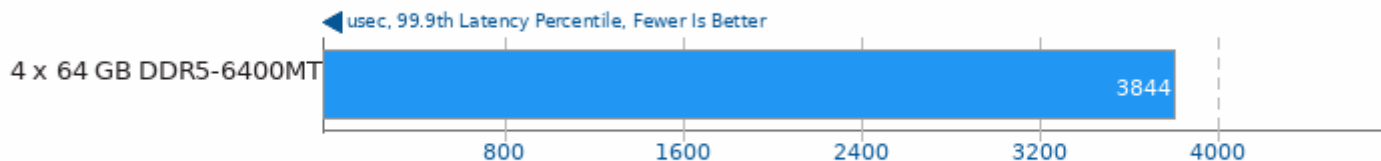
Message Threads: 8 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

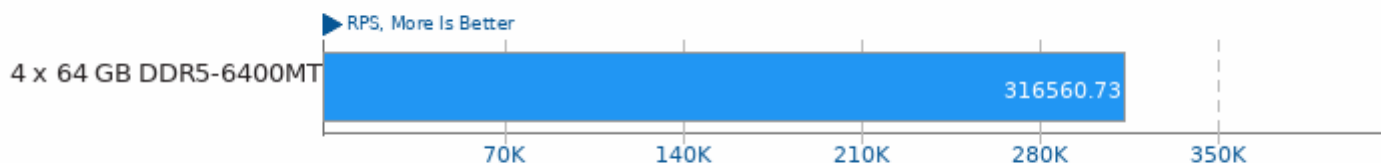
Message Threads: 8 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

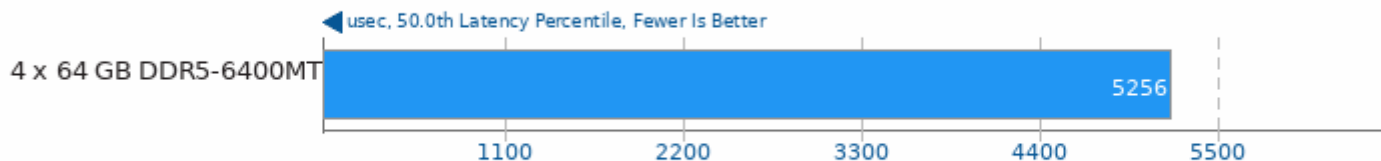
Message Threads: 8 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

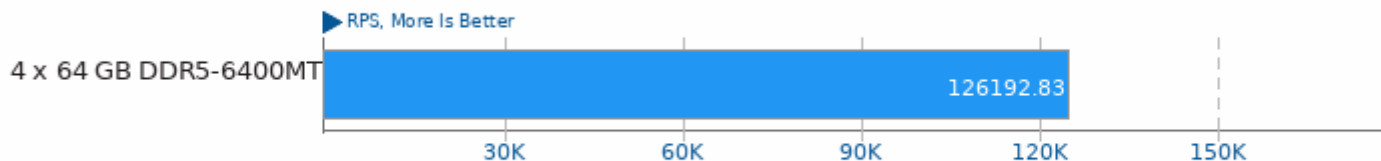
Message Threads: 8 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

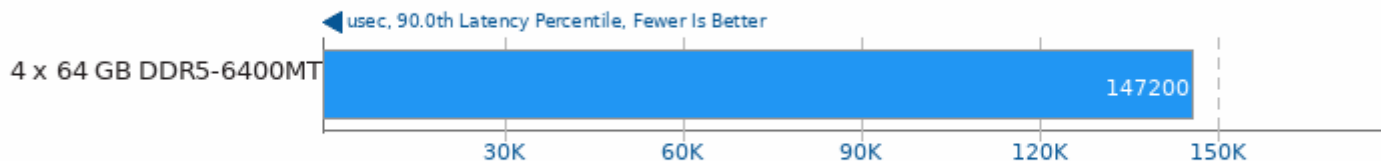
Message Threads: 1 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

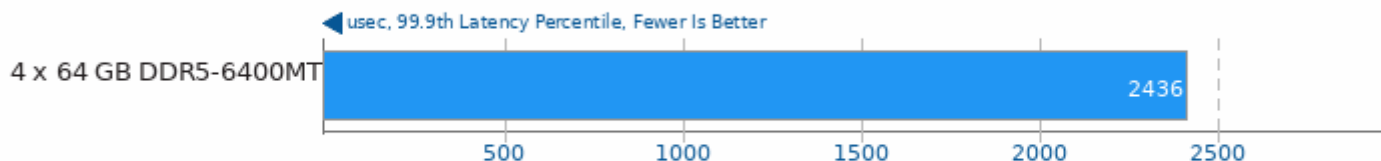
Message Threads: 1 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

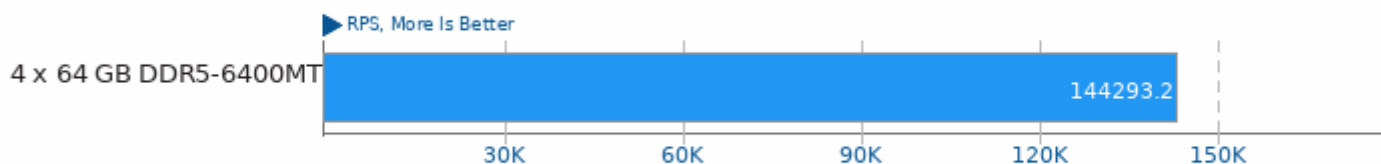
Message Threads: 1 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 1 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 1 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 1 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

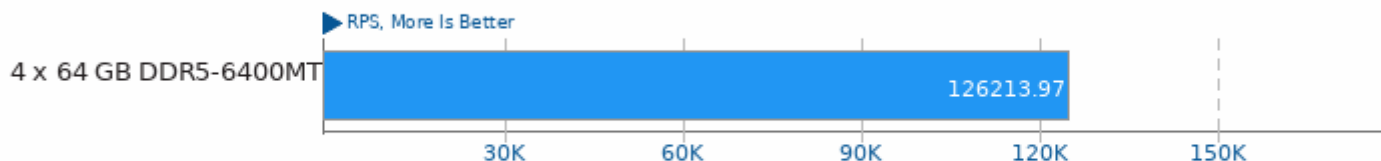
Message Threads: 1 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

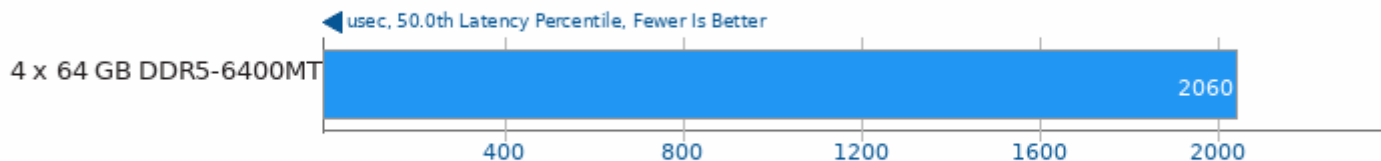
Message Threads: 1 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 16 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

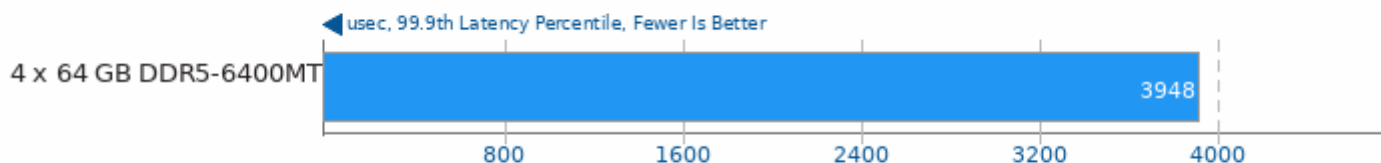
Message Threads: 16 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

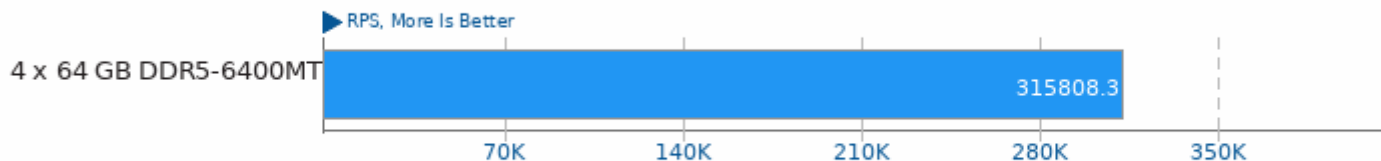
Message Threads: 16 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 16 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 16 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

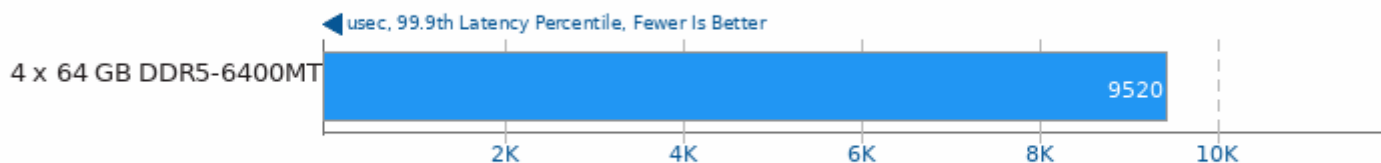
Message Threads: 16 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

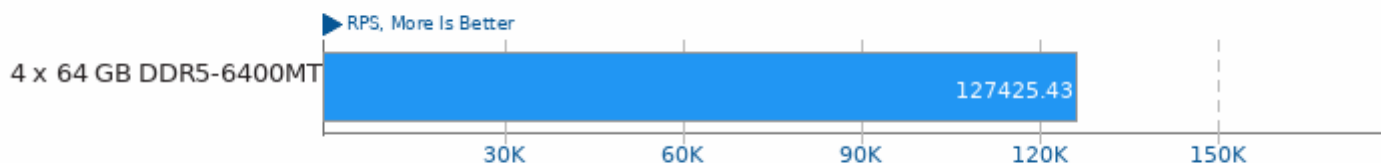
Message Threads: 16 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

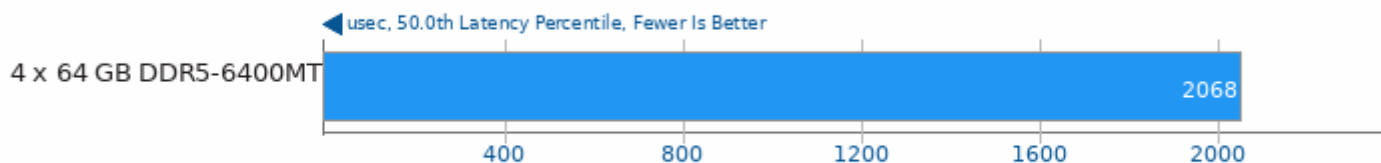
Message Threads: 16 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

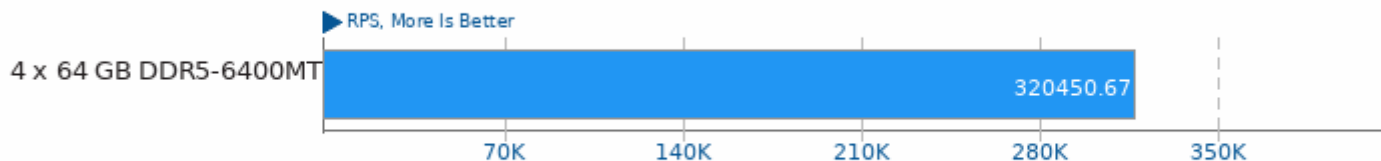
Message Threads: 32 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

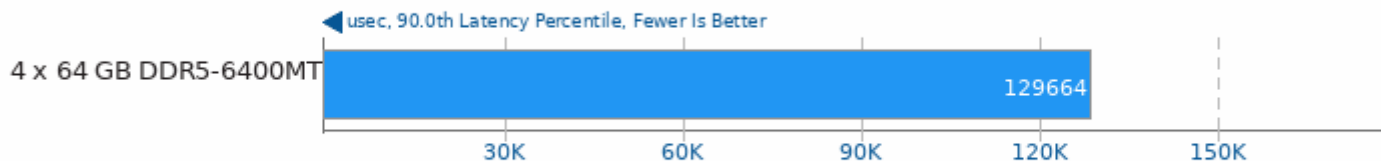
Message Threads: 32 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

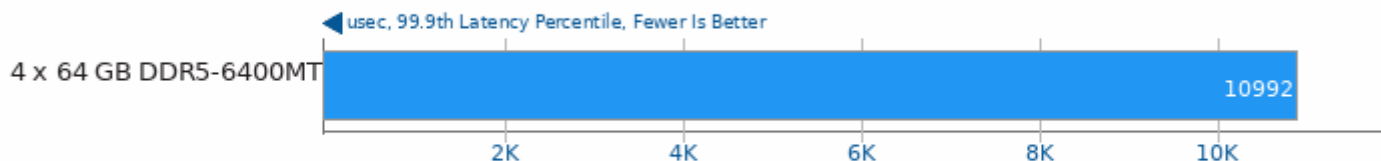
Message Threads: 32 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

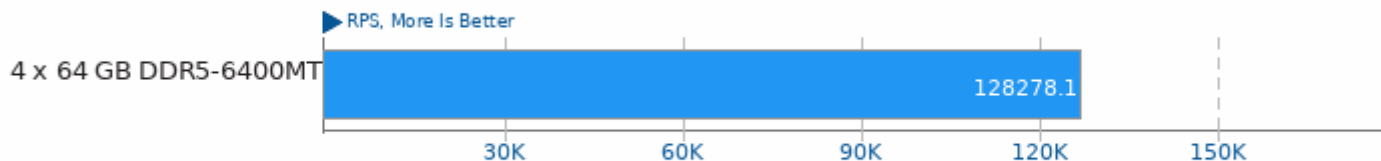
Message Threads: 32 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

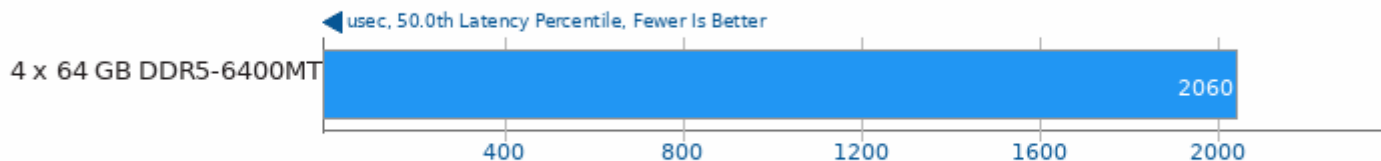
Message Threads: 32 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 4 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

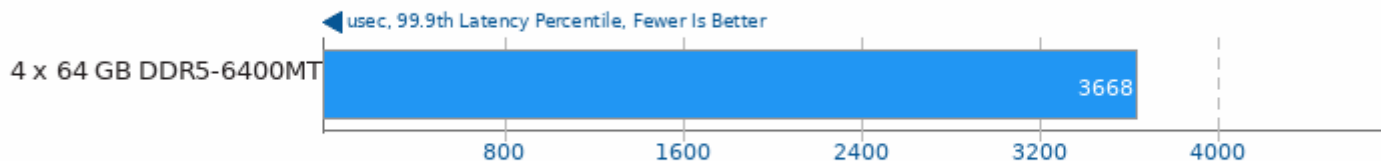
Message Threads: 4 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

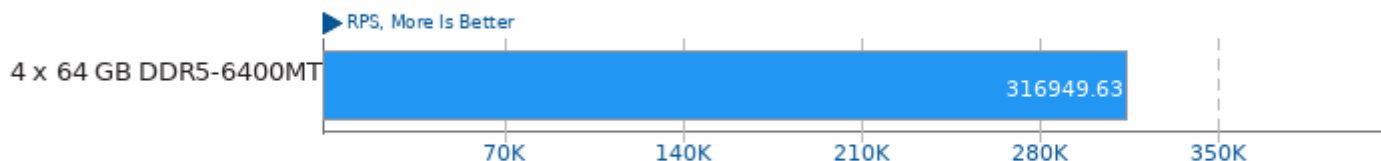
Message Threads: 4 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

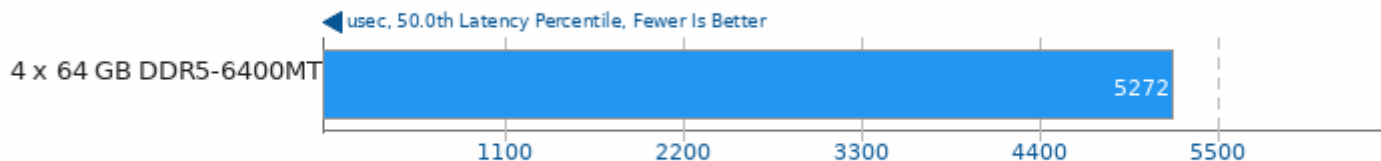
Message Threads: 4 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

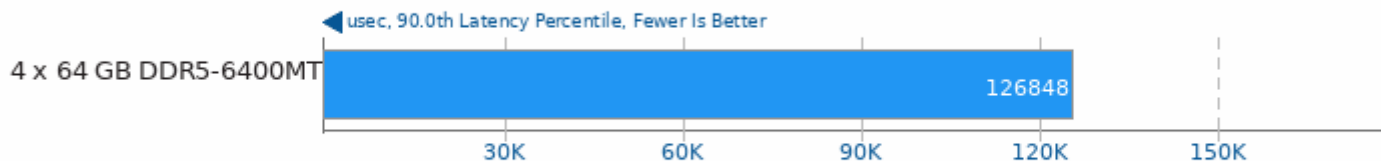
Message Threads: 4 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 4 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

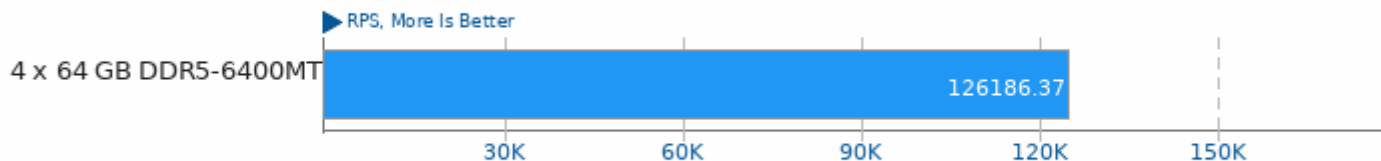
Message Threads: 4 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

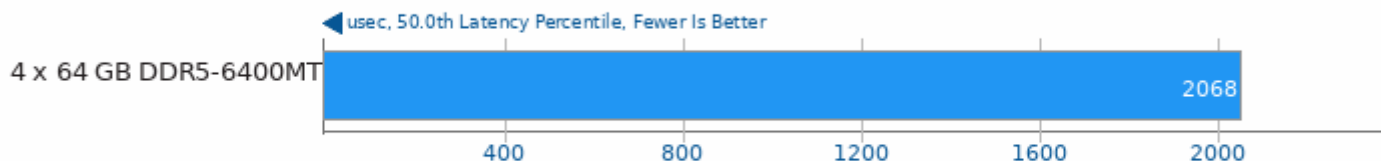
Message Threads: 4 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

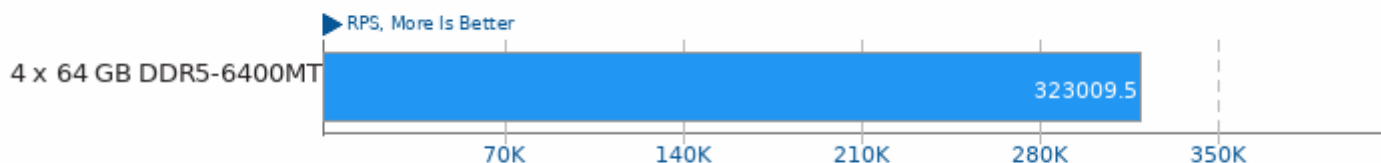
Message Threads: 64 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

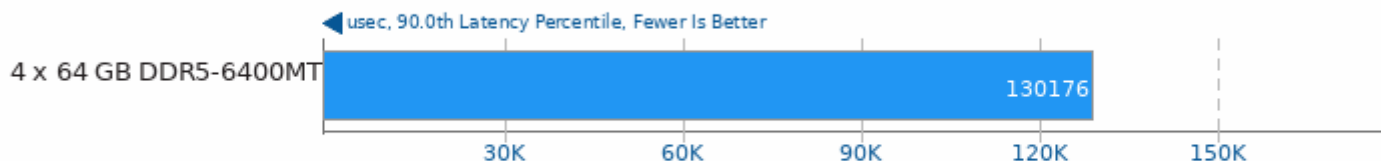
Message Threads: 64 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

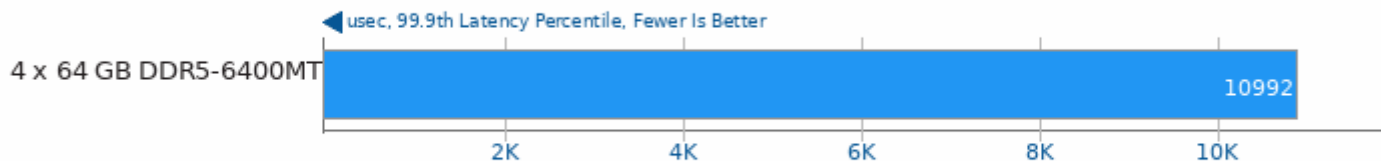
Message Threads: 64 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

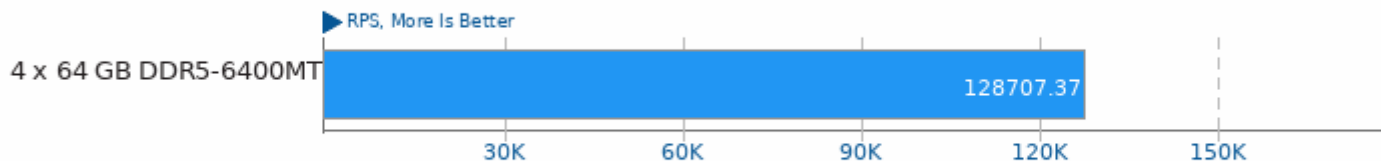
Message Threads: 64 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

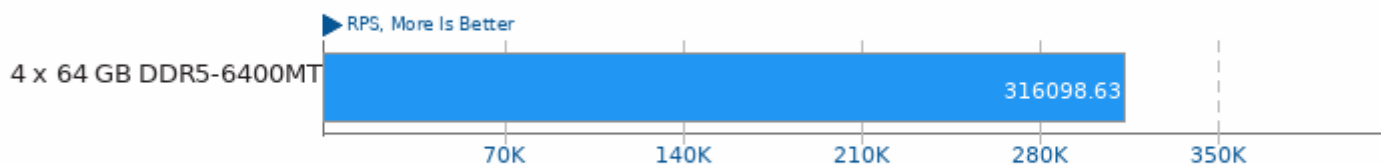
Message Threads: 8 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

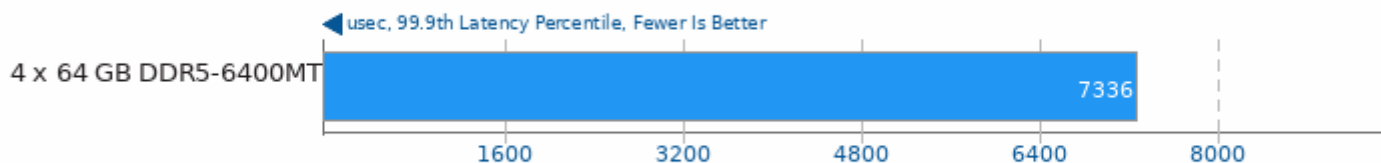
Message Threads: 8 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

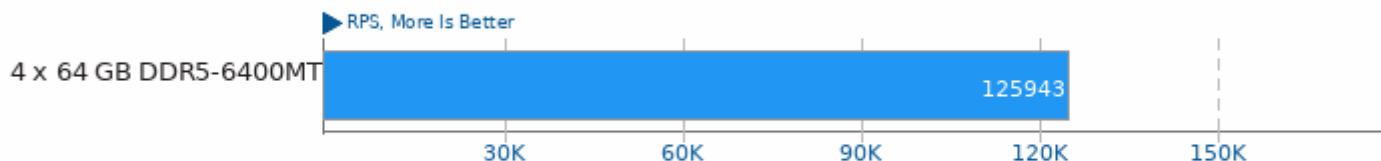
Message Threads: 8 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 8 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 128 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 128 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

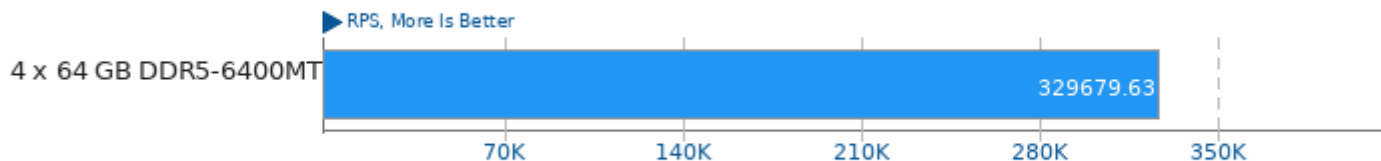
Message Threads: 128 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 128 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

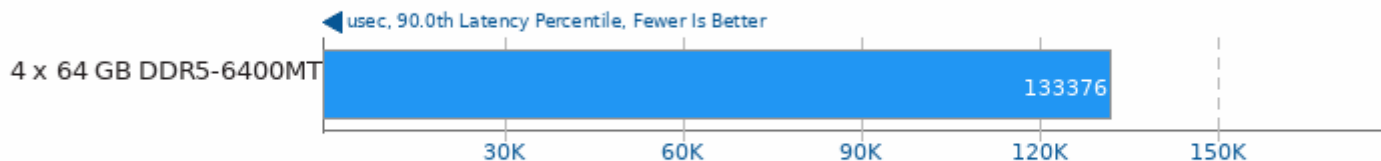
Message Threads: 128 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

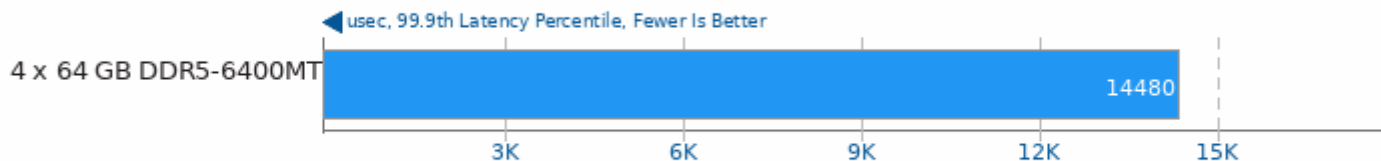
Message Threads: 128 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

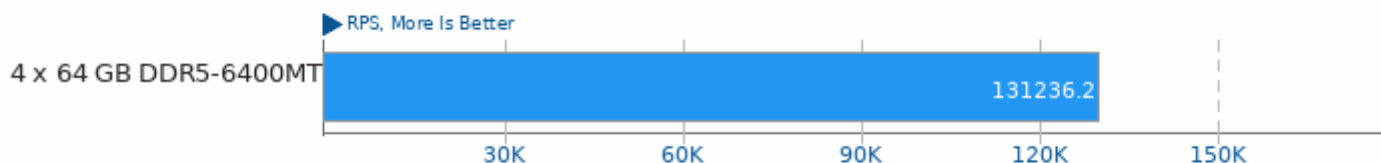
Message Threads: 128 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

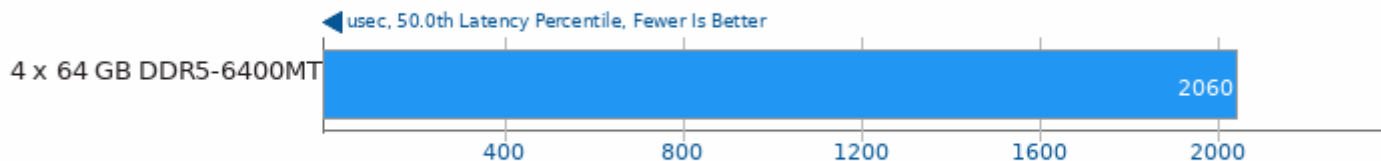
Message Threads: 128 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 16 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

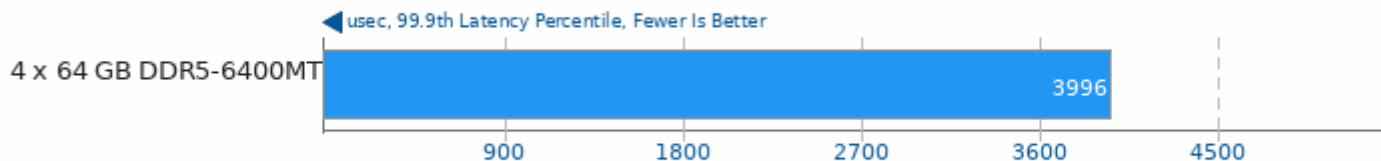
Message Threads: 16 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

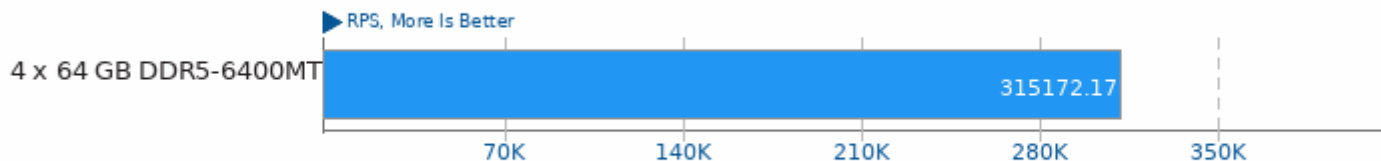
Message Threads: 16 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 16 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

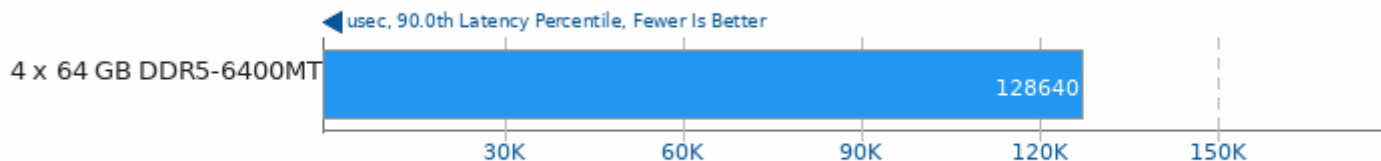
Message Threads: 16 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

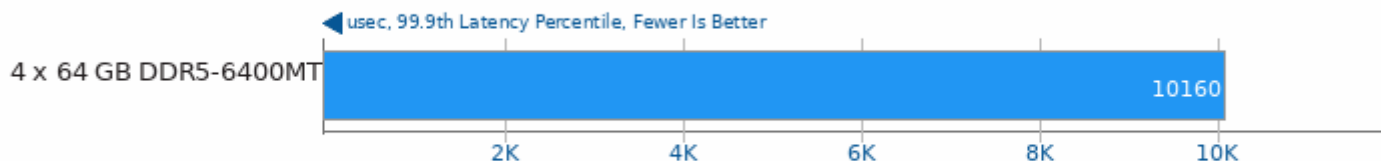
Message Threads: 16 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

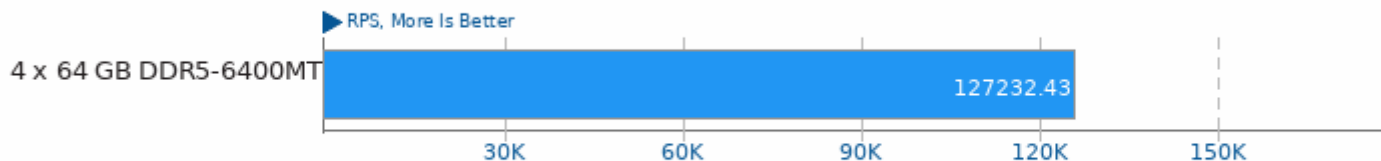
Message Threads: 16 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

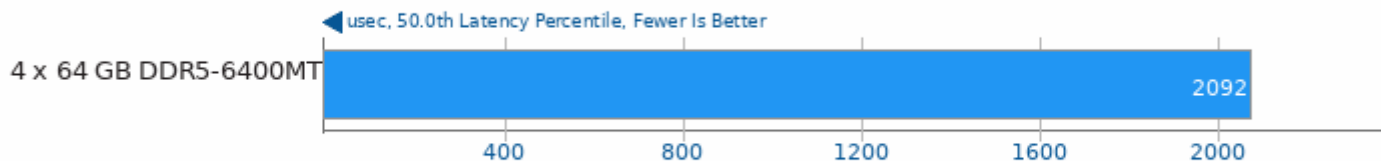
Message Threads: 16 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 256 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

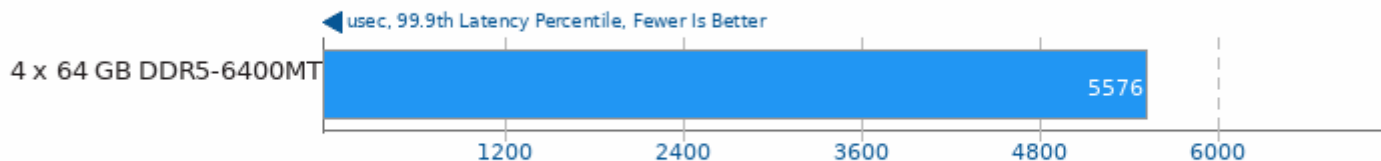
Message Threads: 256 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

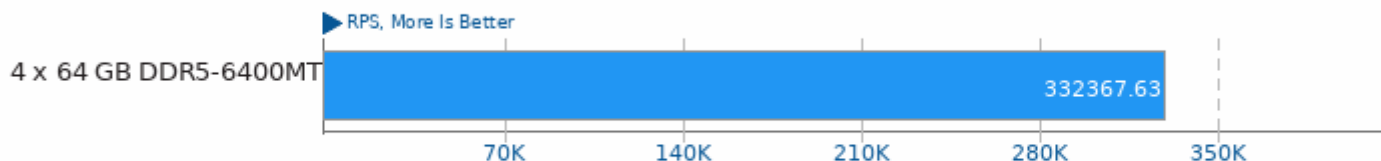
Message Threads: 256 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

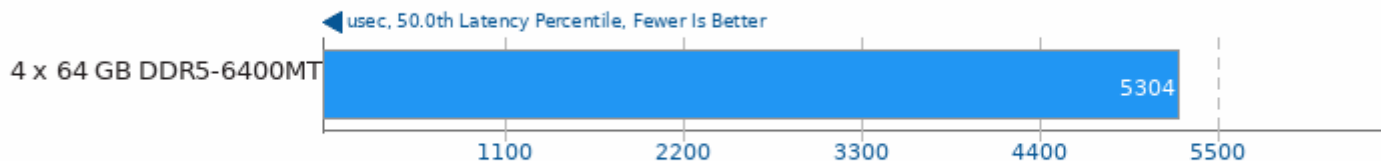
Message Threads: 256 - Cache Footprint: 128 kb - Locking: No



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

Schbench 2023-04-21

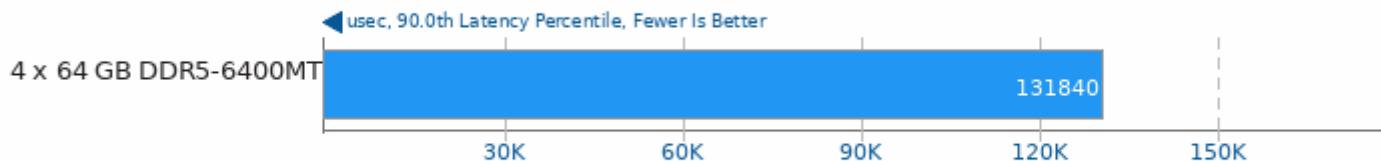
Message Threads: 256 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

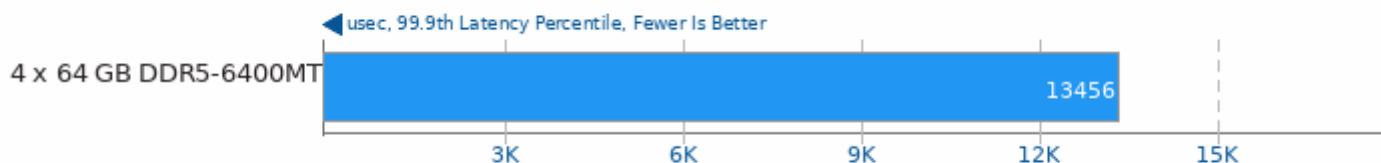
Message Threads: 256 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

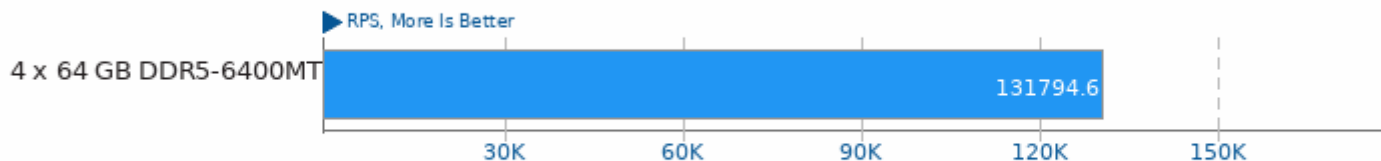
Message Threads: 256 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

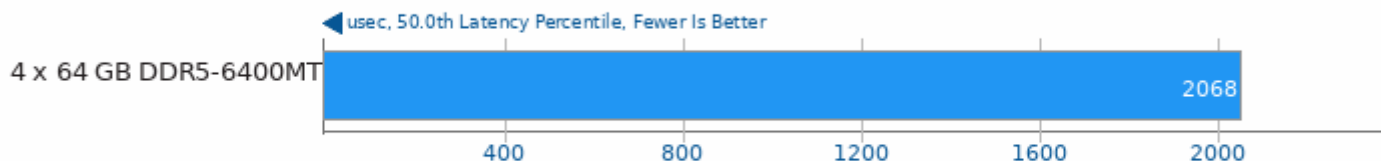
Message Threads: 256 - Cache Footprint: 256 kb - Locking: No



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

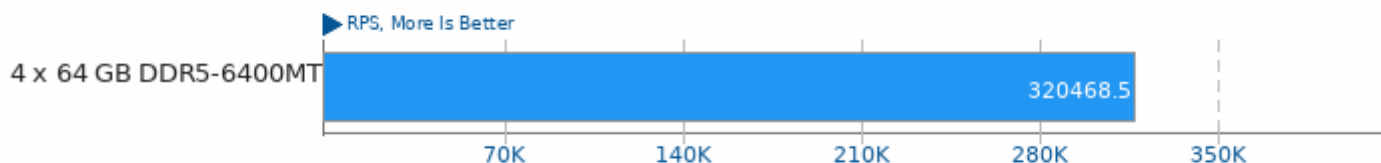
Message Threads: 32 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

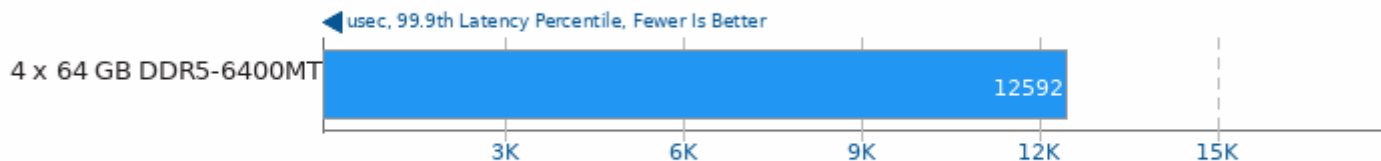
Message Threads: 32 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

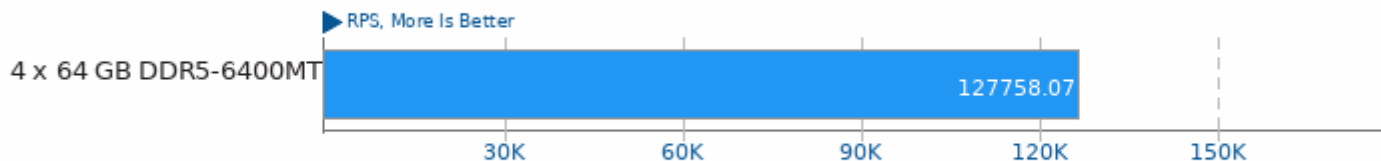
Message Threads: 32 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 32 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

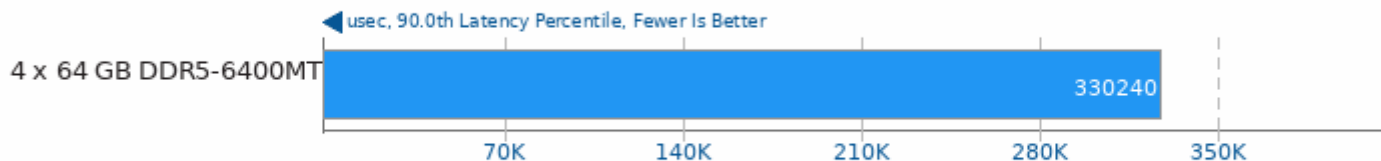
Message Threads: 64 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

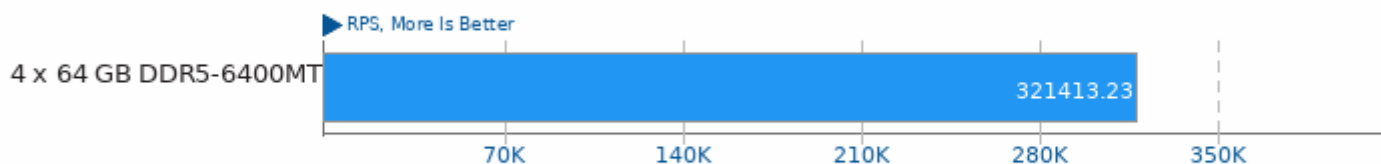
Message Threads: 64 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 64 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

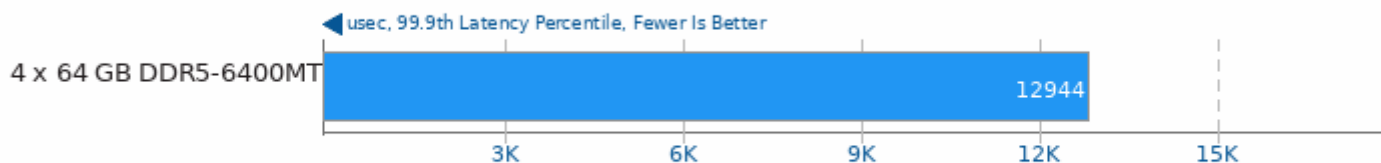
Message Threads: 64 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

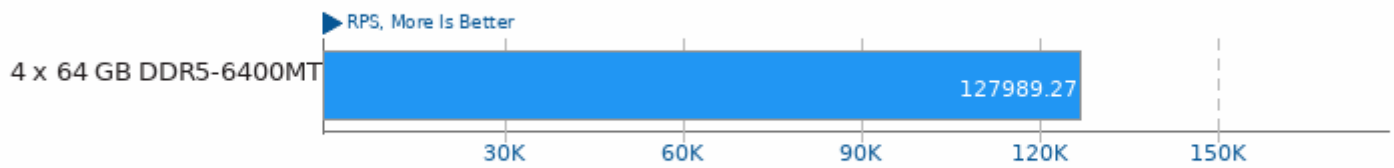
Message Threads: 64 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

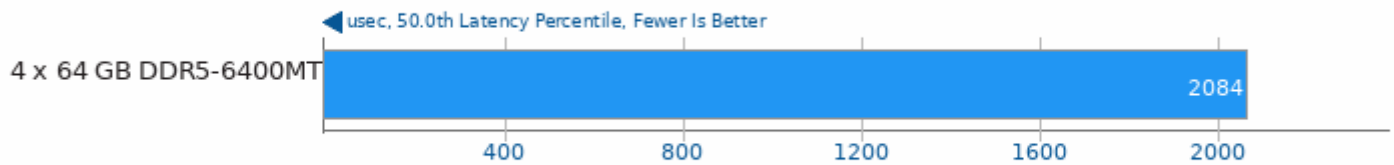
Message Threads: 64 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

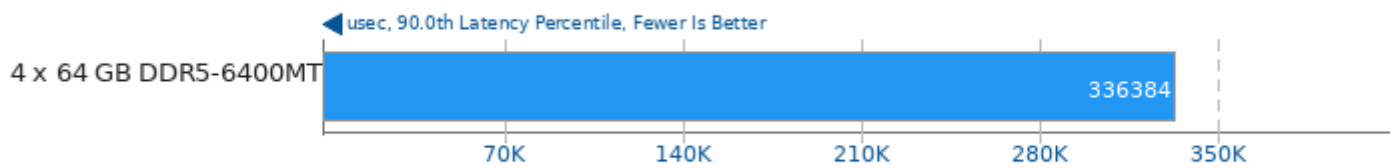
Message Threads: 128 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

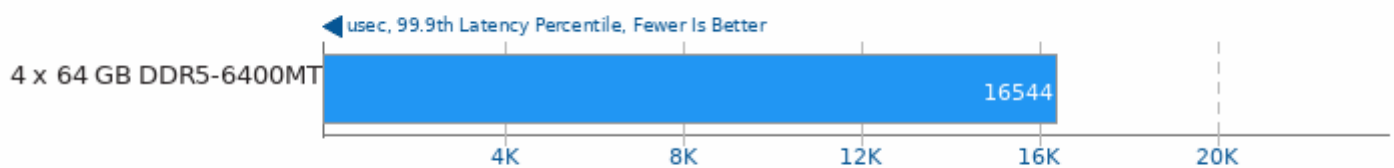
Message Threads: 128 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

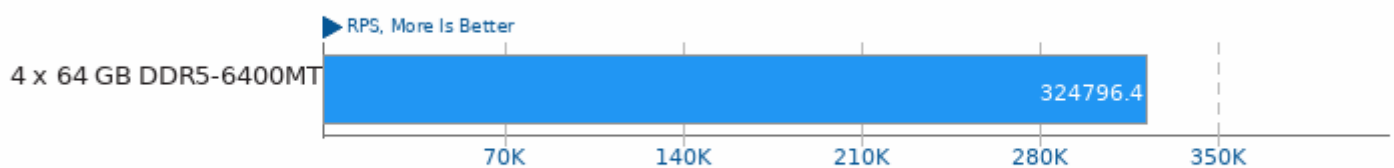
Message Threads: 128 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 128 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 128 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

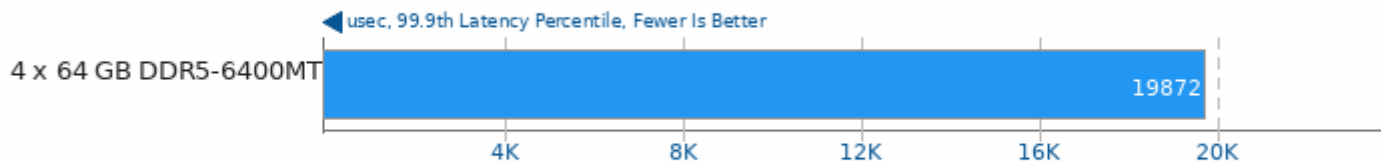
Message Threads: 128 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

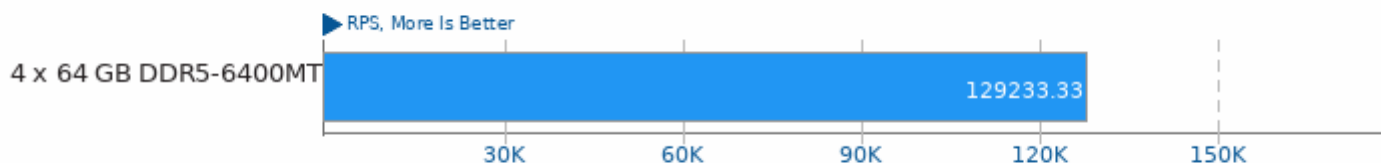
Message Threads: 128 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

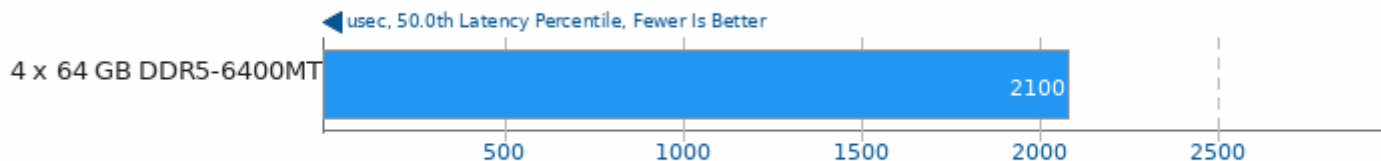
Message Threads: 128 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 256 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 256 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

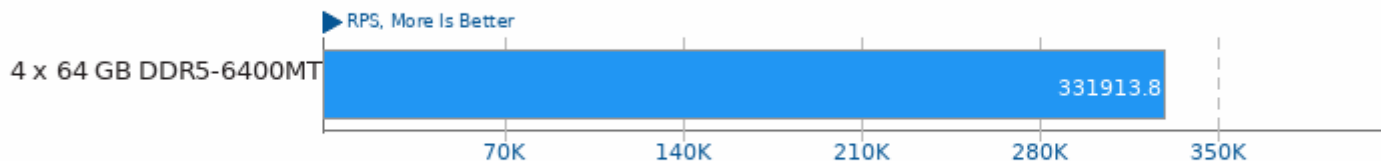
Message Threads: 256 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 256 - Cache Footprint: 128 kb - Locking: Yes



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

Schbench 2023-04-21

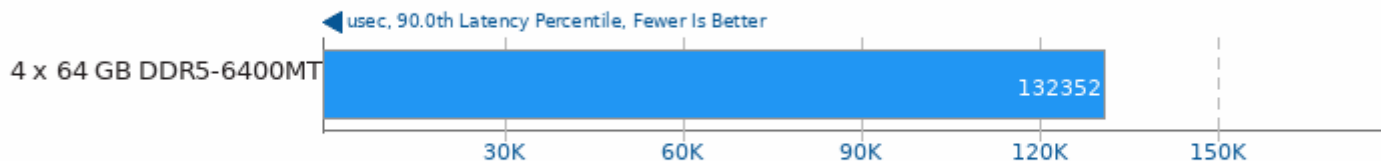
Message Threads: 256 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

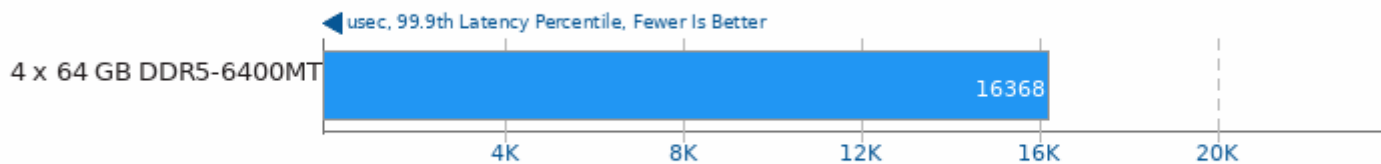
Message Threads: 256 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

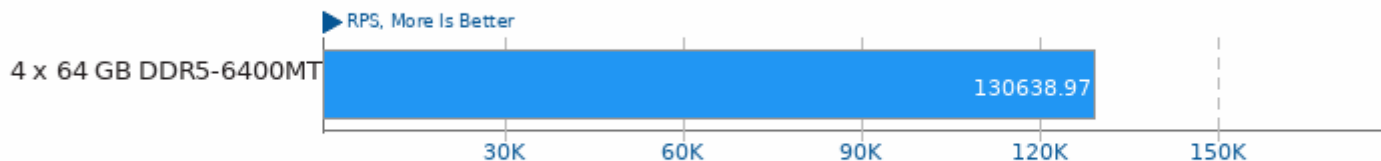
Message Threads: 256 - Cache Footprint: 256 kb - Locking: Yes



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

Schbench 2023-04-21

Message Threads: 256 - Cache Footprint: 256 kb - Locking: Yes



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

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 19 December 2025 02:43.