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testing-server-memory

Intel Xeon E5-2697 v3 testing with a ASUS SABERTOOTH X99 (4101 BIOS) and AMD Radeon RX 6800/6800 XT / 6900 16GB on Slackware 14.2 x86_64 via the Phoronix Test Suite.

Test Systems:

Intel Xeon E5-2697 v3

Processor: Intel Xeon E5-2697 v3 @ 3.60GHz (14 Cores / 28 Threads), Motherboard: ASUS SABERTOOTH X99 (4101 BIOS), Chipset: Intel Xeon E7 v3/Xeon, Memory: 126GB, Disk: 1000GB GIGABYTE GP-ASM2NE6100TTTD + 500GB Samsung SSD 860 + 512GB SAMSUNG MZHPV512, Graphics: AMD Radeon RX 6800/6800 XT / 6900 16GB (2575/1000MHz), Audio: AMD Navi 21 HDMI Audio, Monitor: ROG PG348Q, Network: Intel I218-V

OS: Slackware 14.2 x86_64, Kernel: 5.13.0 (x86_64), Desktop: KDE Plasma 5.22.2, Display Server: X Server 1.20.11, OpenGL: 4.6 Mesa 21.1.4 (LLVM 12.0.0), Vulkan: 1.2.168, Compiler: GCC 10.3.0 + Open64 PARSE ERROR: Argument:-dumpversion Couldn't find match for argumentBrief USAGE: opencc [--noflush] [-i] [-o] [-c] [--] [--version] [-h]For complete USAGE and HELP type: opencc--help + Clang 12.0.0 + LLVM 12.0.0, File-System: ext4, Screen Resolution: 3440x1440

Kernel Notes: amdgpu.aspm=1 - Transparent Huge Pages: madvise
 Compiler Notes: --build=x86_64-slackware-linux --disable-gtktest --disable-install-liberty --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions
 --disable-werror --enable-_cxa_atexit --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-gnu-indirect-function --enable-gnu-unique-object
 --enable-languages=ada,brig,c,c++,d,fortran,go,lto,objc,obj-c++ --enable-libstdcxx-dual-abi --enable-lto --enable-multilib --enable-objc-gc --enable-plugin --enable-shared
 --enable-threads=posix --host=x86_64-slackware-linux --mandir=/usr/man --target=x86_64-slackware-linux --verbose --with-arch-directory=amd64
 --with-default-libstdcxx-abi=new --with-gnu-ld --with-isl --with-linker-hash-style=gnu
 Processor Notes: Scaling Governor: intel_pstate performance - CPU Microcode: 0x46
 Java Notes: OpenJDK Runtime Environment Zulu11.35+15-CA (build 11.0.5+10-LTS)
 Python Notes: Python 2.7.18 + Python 3.9.6
 Security Notes: i1lb_multithit: KVM: Mitigation of VMX disabled + 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 usercopy/swaps
 barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbd: Not affected +
 tsx_async_abort: Not affected

Intel Xeon E5-2697 v3

RAMspeed SMP - Add - Integer (MB/s)	23987
Standard Deviation	1.5%
RAMspeed SMP - Copy - Integer (MB/s)	20482
Standard Deviation	2.4%
RAMspeed SMP - Scale - Integer (MB/s)	20951
Standard Deviation	1.3%
RAMspeed SMP - Average - Integer (MB/s)	22360
Standard Deviation	1.7%
RAMspeed SMP - Add - Floating Point (MB/s)	23806
Standard Deviation	0.6%
RAMspeed SMP - Copy - Floating Point (MB/s)	20378
Standard Deviation	1.2%
RAMspeed SMP - Scale - Floating Point (MB/s)	22453
Standard Deviation	1%
RAMspeed SMP - Average - Floating Point (MB/s)	22880
Standard Deviation	0.7%
MBW - Memory Copy - 4096 MiB (MiB/s)	8834
Standard Deviation	3.9%
MBW - M.C.F.B.S - 4096 MiB (MiB/s)	5587
Standard Deviation	2.5%
Parboil - OpenMP LBM (sec)	66.668447
Standard Deviation	0%
Parboil - OpenMP Stencil (sec)	7.291584
Standard Deviation	2.3%
Parboil - O.M.G (sec)	139.219373
Standard Deviation	4.7%
CloverLeaf - L.E.H (sec)	94.80
Standard Deviation	0.1%
Rodinia - OpenMP LavaMD (sec)	245.575
Standard Deviation	0.5%
Rodinia - OpenMP CFD Solver (sec)	20.435
Standard Deviation	1.2%
Rodinia - O.S (sec)	14.431
Standard Deviation	3.5%
NAMD - ATPase Simulation - 327,506 Atoms (days/ns)	1.50058
Standard Deviation	0.1%
DaCapo Benchmark - H2 (msec)	4014
Standard Deviation	2.6%

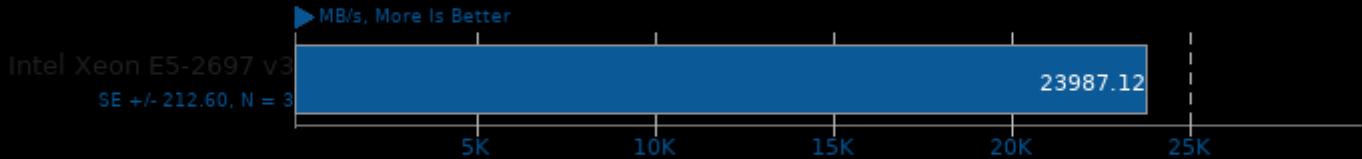
DaCapo Benchmark - Jython (msec)	5494
Standard Deviation	0.6%
DaCapo Benchmark - Tradesoap (msec)	4605
Standard Deviation	2.3%
DaCapo Benchmark - Tradebeans (msec)	5429
Standard Deviation	1.8%
Renaissance - Scala Dotty (ms)	2318
Standard Deviation	3.6%
Renaissance - Rand Forest (ms)	2375
Standard Deviation	2.5%
Renaissance - Apache Spark ALS (ms)	2717
Standard Deviation	1.8%
Renaissance - Apache Spark Bayes (ms)	483.878
Standard Deviation	36.2%
Renaissance - Savina Reactors.IO (ms)	25385
Standard Deviation	3.1%
Renaissance - A.S.P (ms)	4212
Standard Deviation	2.4%
Renaissance - T.H.R (ms)	3780
Standard Deviation	1.3%
Renaissance - I.M.D.S (ms)	3951
Standard Deviation	9.1%
Renaissance - A.U.C.T (ms)	12639
Standard Deviation	1.6%
Renaissance - G.A.U.J.F (ms)	2138
Standard Deviation	2.3%
Zstd Compression - 3 - Compression Speed (MB/s)	2765
Standard Deviation	0.6%
Zstd Compression - 8 - Compression Speed (MB/s)	470.1
Standard Deviation	0.7%
Zstd Compression - 8 - D.S (MB/s)	2666
Standard Deviation	0.3%
Zstd Compression - 19 - Compression Speed (MB/s)	44.2
Standard Deviation	0.3%
Zstd Compression - 19 - D.S (MB/s)	2315
Standard Deviation	2.8%
Zstd Compression - 3, Long Mode - Compression Speed (MB/s)	770.4
Standard Deviation	0.7%
Zstd Compression - 3, Long Mode - D.S (MB/s)	2799
Standard Deviation	0.5%
Zstd Compression - 8, Long Mode - Compression Speed (MB/s)	635.9
Standard Deviation	0.3%
Zstd Compression - 8, Long Mode - D.S (MB/s)	2848
Standard Deviation	0.1%
Zstd Compression - 19, Long Mode - Compression Speed (MB/s)	32.6
Standard Deviation	0.5%
Zstd Compression - 19, Long Mode - D.S (MB/s)	2365
Standard Deviation	1.4%
John The Ripper - Blowfish (Real C/S)	18030
Standard Deviation	0.1%
GraphicsMagick - Rotate (Iterations/min)	475
Standard Deviation	4.1%
GraphicsMagick - Sharpen (Iterations/min)	137

GraphicsMagick - Enhanced (Iterations/min)	155
Standard Deviation	0.4%
GraphicsMagick - Resizing (Iterations/min)	935
Standard Deviation	0.2%
oneDNN MKL-DNN - D.B.d - f32 (ms)	4.36662
Standard Deviation	0.1%
dav1d - Summer Nature 4K (FPS)	179.11
Standard Deviation	0.1%
OSPray - XFrog Forest - SciVis (FPS)	3.12
Standard Deviation	0%
OSPray - M.R - SciVis (FPS)	15.47
Standard Deviation	2.4%
Embree - Pathtracer - Crown (FPS)	13.0437
Standard Deviation	2.4%
ACES DGEMM - S.F.P.R (GFLOP/s)	2.491659
Standard Deviation	6.9%
Himeno Benchmark - P.P.S (MFLOPS)	2714
Standard Deviation	0.8%
7-Zip Compression - C.S.T (MIPS)	58338
Standard Deviation	0.7%
asmFish - 1.H.M.2.D (Nodes/s)	31523430
Standard Deviation	2.1%
Timed Linux Kernel Compilation - Time To Compile (sec)	105.663
Standard Deviation	2.2%
Timed LLVM Compilation - Time To Compile (sec)	828.018
Standard Deviation	2%
Timed PHP Compilation - Time To Compile (sec)	77.405
Standard Deviation	0.6%
Build2 - Time To Compile (sec)	157.718
Standard Deviation	0.7%
Tungsten Renderer - Water Caustic (sec)	28.5526
Standard Deviation	0.6%
XZ Compression - C.u.1.0.3.s.i.i.C.L.9 (sec)	26.691
Standard Deviation	0.6%
DeepSpeech - CPU (sec)	124.88852
Standard Deviation	0.1%
OpenCV Benchmark (sec)	116.458
Standard Deviation	0.5%
Radiance Benchmark - SMP Parallel (sec)	313.469
OpenSSL - R.4.b.P (Signs/sec)	1905
Standard Deviation	0.5%
libjpeg-turbo tjbench - D.T (Megapixels/sec)	139.882046
Standard Deviation	1%
SQLite Speedtest - Timed Time - Size 1,000 (sec)	102.253
Standard Deviation	2.1%
GEGL - Crop (sec)	13.696
Standard Deviation	0.7%
GEGL - Cartoon (sec)	131.440
Standard Deviation	1%
GEGL - Reflect (sec)	45.017
Standard Deviation	0.2%
GEGL - Antialias (sec)	52.498
Standard Deviation	0.2%

GEGL - Color Enhance (sec)	79.657
Standard Deviation	0.4%
GEGL - Rotate 90 Degrees (sec)	57.333
Standard Deviation	0.1%
GIMP - rotate (sec)	21.381
Standard Deviation	0.9%
GIMP - auto-levels (sec)	21.481
Standard Deviation	0.9%
GIMP - unsharp-mask (sec)	23.863
Standard Deviation	0.1%
Redis - GET (Req/sec)	2120707
Standard Deviation	1.6%
Redis - SET (Req/sec)	1579746
Standard Deviation	1.4%
Sysbench - Memory (MiB/sec)	15487
Standard Deviation	0.8%
Sysbench - CPU (Events/sec)	21433
Standard Deviation	0.1%
Apache Cassandra - Writes (Op/s)	85852
Standard Deviation	2%
Blender - Classroom - CPU-Only (sec)	456.57
Standard Deviation	0.5%
Blender - Barbershop - CPU-Only (sec)	614.77
Standard Deviation	0.8%
Memcached mcperf - Add (Operations/sec)	40958
Standard Deviation	1.6%
Memcached mcperf - Get (Operations/sec)	72844
Standard Deviation	1.1%
Memcached mcperf - Set (Operations/sec)	42104
Standard Deviation	1.8%
Memcached mcperf - Append (Operations/sec)	45106
Standard Deviation	2.3%
Memcached mcperf - Replace (Operations/sec)	44964
Standard Deviation	2.4%
PyBench - T.F.A.T.T (Milliseconds)	1608
Standard Deviation	3.9%
NGINX Benchmark - S.W.P.S (Req/sec)	22641
Standard Deviation	1.9%
Apache Benchmark - S.W.P.S (Req/sec)	20601
Standard Deviation	2.2%
Appleseed - Emily (sec)	437.171048
Appleseed - Disney Material (sec)	239.922324
Appleseed - Material Tester (sec)	226.931348
Apache Siege - 100 (Transactions/sec)	52169
Standard Deviation	2.4%
PHPBench - P.B.S (Score)	525045
Standard Deviation	2.1%
BRL-CAD - V.P.M (VGR Performance Metric)	139628

RAMspeed SMP 3.5.0

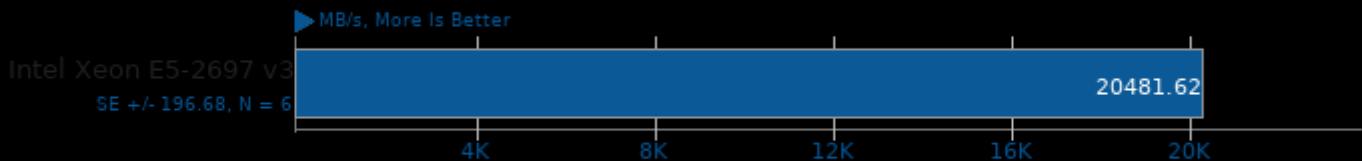
Type: Add - Benchmark: Integer



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

RAMspeed SMP 3.5.0

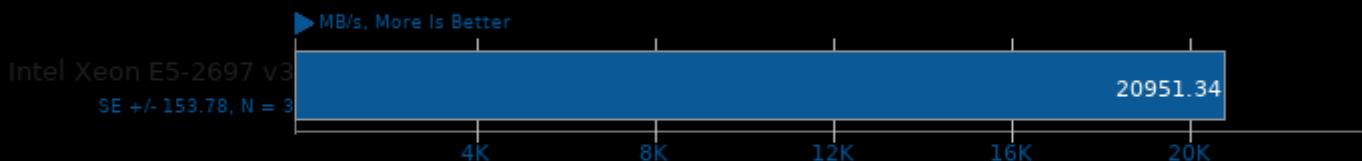
Type: Copy - Benchmark: Integer



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

RAMspeed SMP 3.5.0

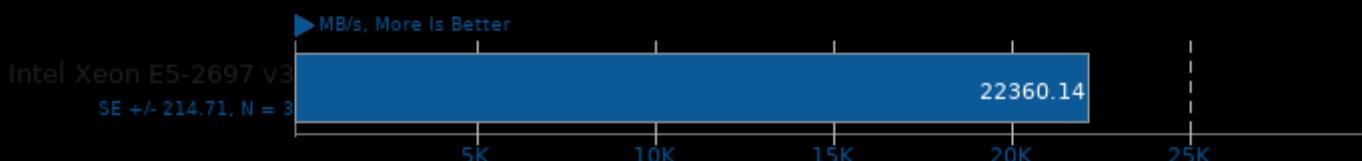
Type: Scale - Benchmark: Integer



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

RAMspeed SMP 3.5.0

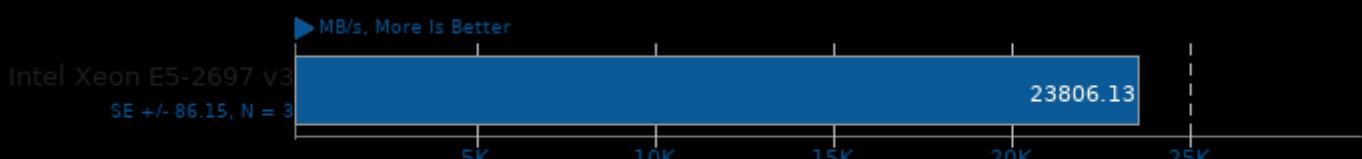
Type: Average - Benchmark: Integer



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

RAMspeed SMP 3.5.0

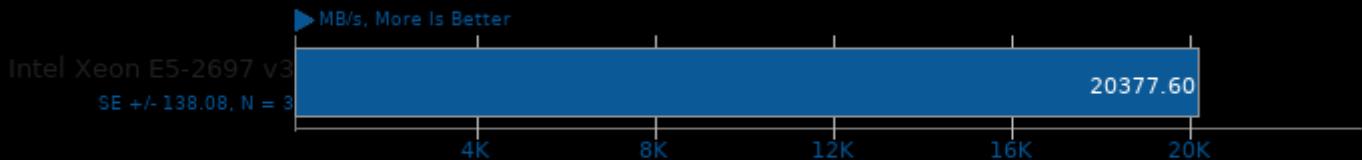
Type: Add - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

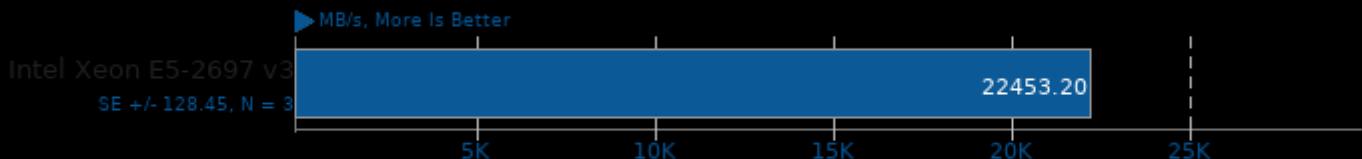
Type: Copy - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

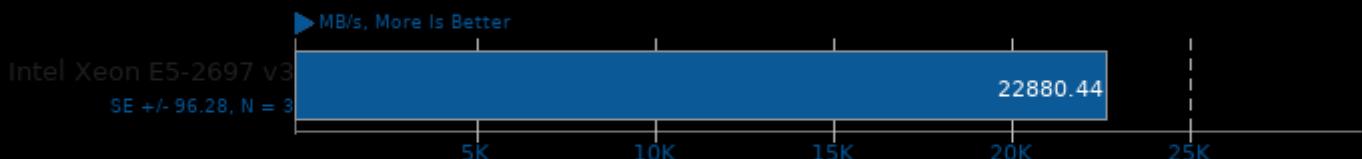
Type: Scale - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

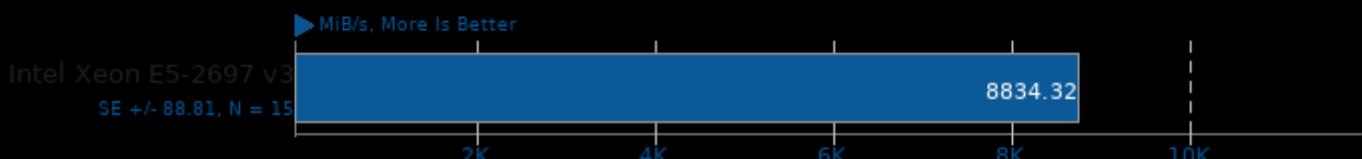
Type: Average - Benchmark: Floating Point



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

MBW 2018-09-08

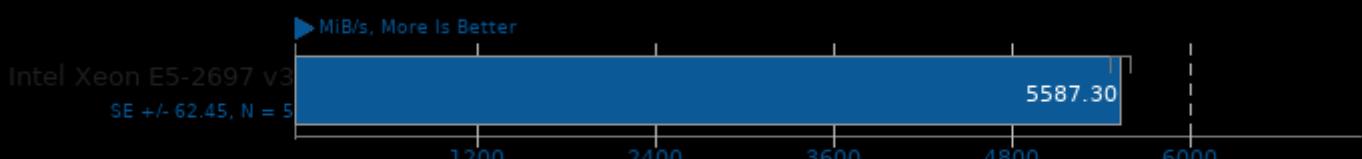
Test: Memory Copy - Array Size: 4096 MiB



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

MBW 2018-09-08

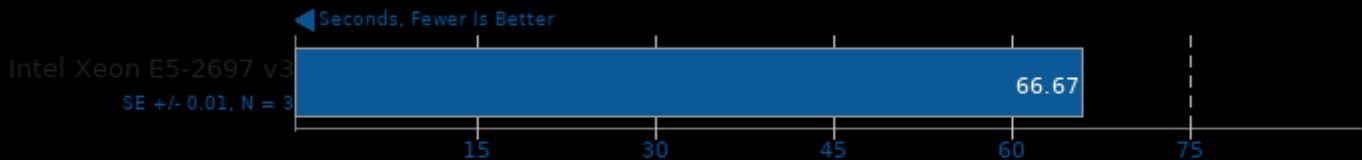
Test: Memory Copy, Fixed Block Size - Array Size: 4096 MiB



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

Parboil 2.5

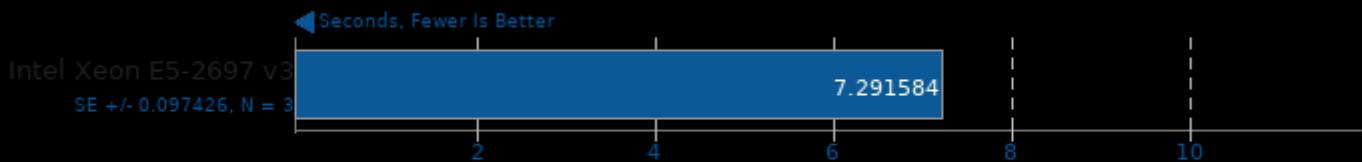
Test: OpenMP LBM



1. (CXX) g++ options: -lm -lpthread -lgomp -O3 -ffast-math -fopenmp

Parboil 2.5

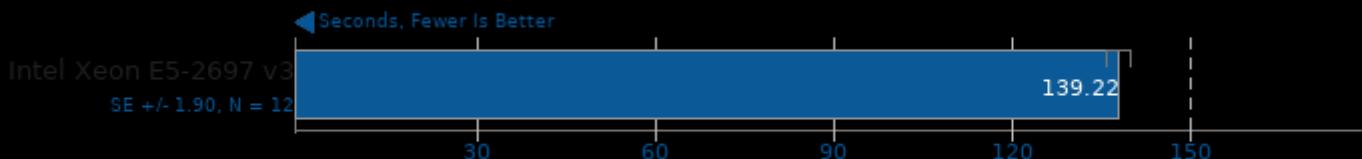
Test: OpenMP Stencil



1. (CXX) g++ options: -lm -lpthread -lgomp -O3 -ffast-math -fopenmp

Parboil 2.5

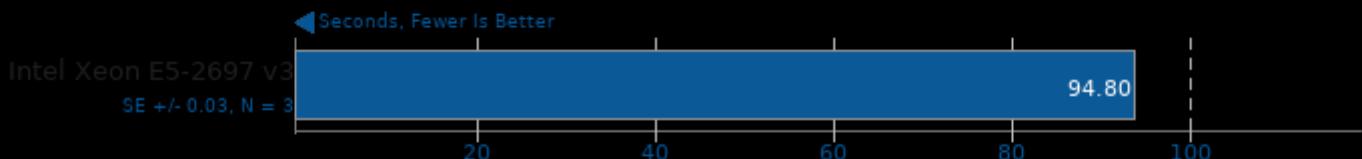
Test: OpenMP MRI Gridding



1. (CXX) g++ options: -lm -lpthread -lgomp -O3 -ffast-math -fopenmp

CloverLeaf

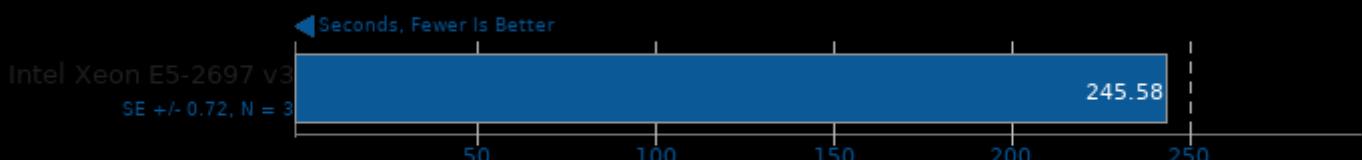
Lagrangian-Eulerian Hydrodynamics



1. (F9X) gfortran options: -O3 -march=native -funroll-loops -fopenmp

Rodinia 3.1

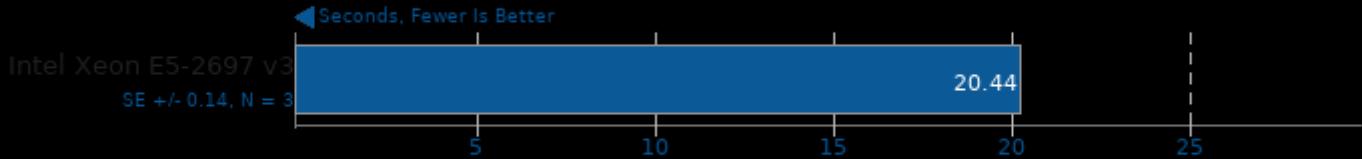
Test: OpenMP LavaMD



1. (CXX) g++ options: -O2 -fOpenCL

Rodinia 3.1

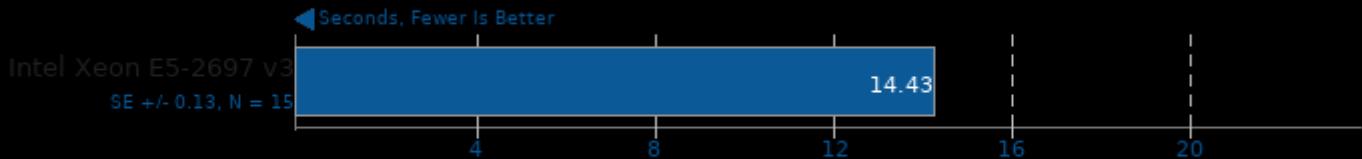
Test: OpenMP CFD Solver



1. (CXX) g++ options: -O2 -fOpenCL

Rodinia 3.1

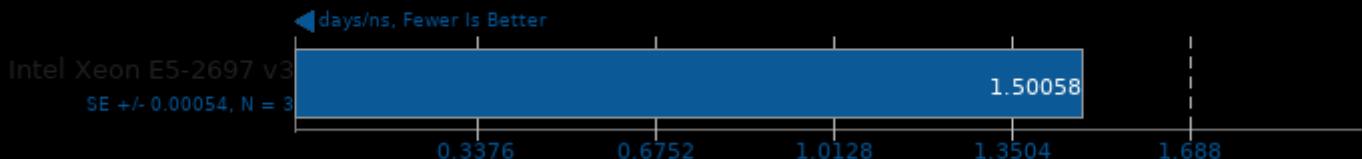
Test: OpenMP Streamcluster



1. (CXX) g++ options: -O2 -fOpenCL

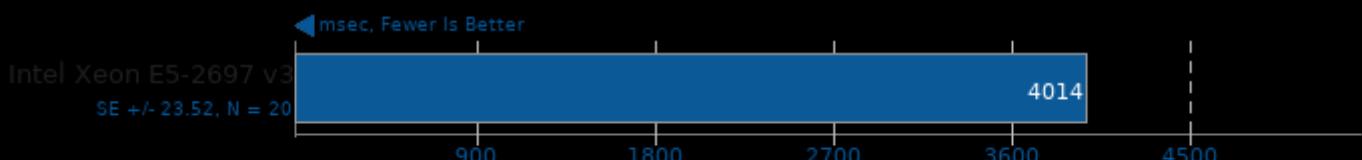
NAMD 2.14

ATPase Simulation - 327,506 Atoms



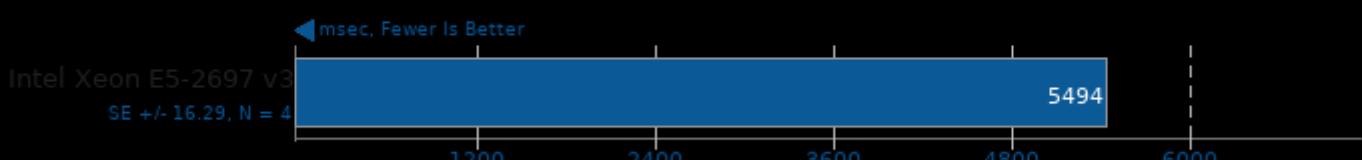
DaCapo Benchmark 9.12-MR1

Java Test: H2



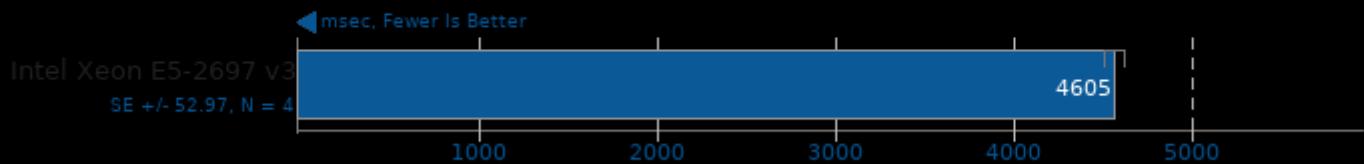
DaCapo Benchmark 9.12-MR1

Java Test: Jython



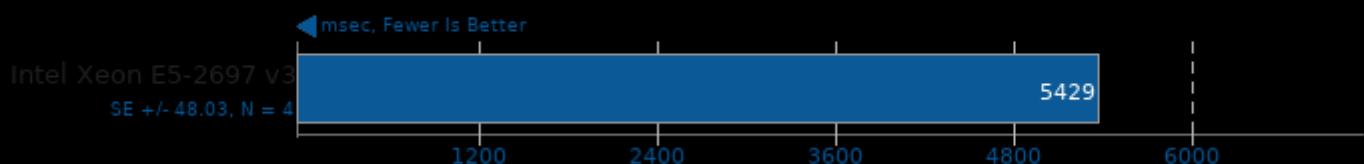
DaCapo Benchmark 9.12-MR1

Java Test: Tradesoap



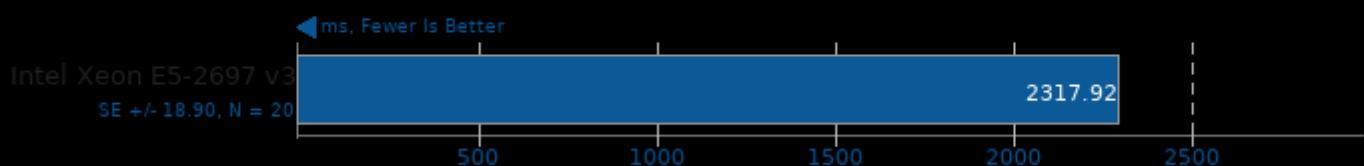
DaCapo Benchmark 9.12-MR1

Java Test: Tradebeans



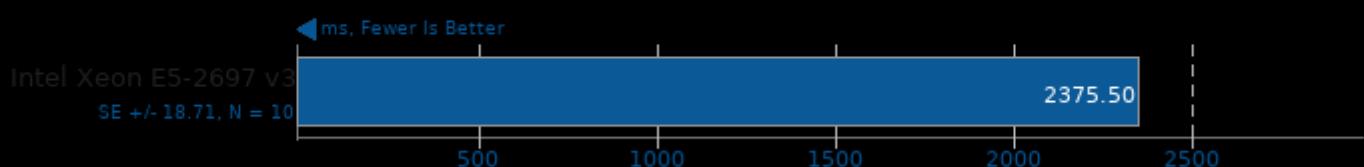
Renaissance 0.10.0

Test: Scala Dotty



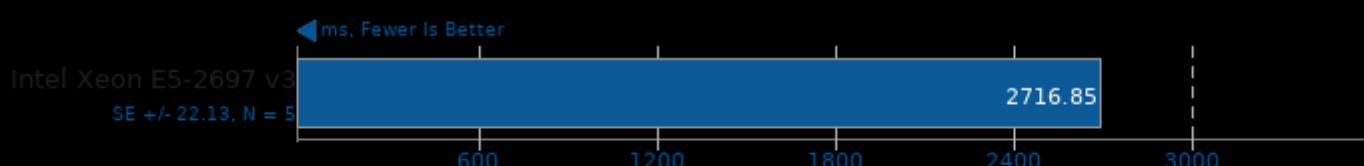
Renaissance 0.10.0

Test: Random Forest



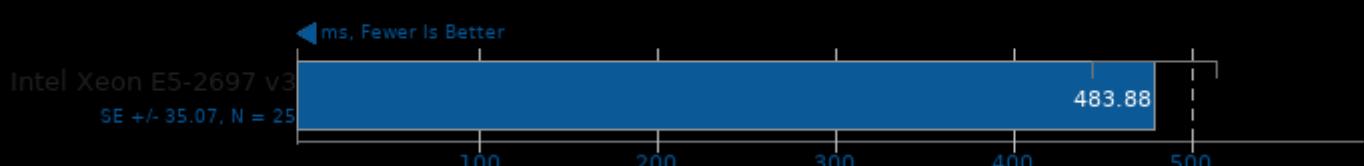
Renaissance 0.10.0

Test: Apache Spark ALS



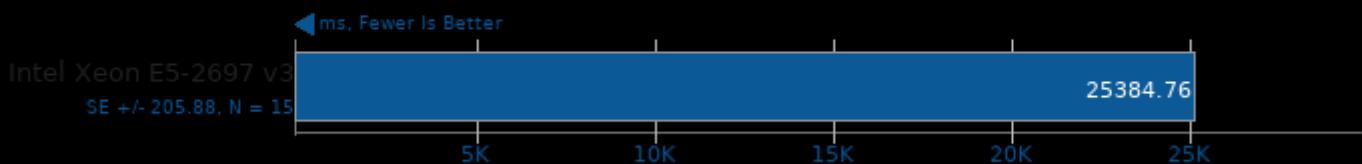
Renaissance 0.10.0

Test: Apache Spark Bayes



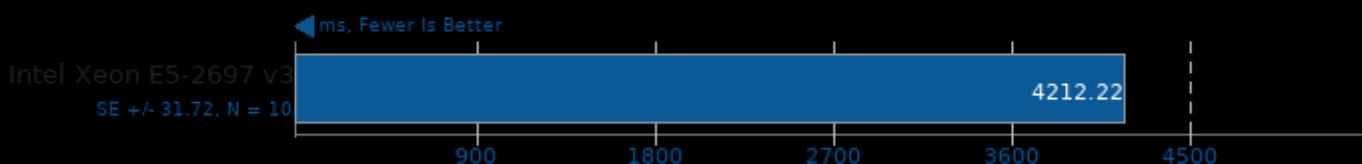
Renaissance 0.10.0

Test: Savina Reactors.IO



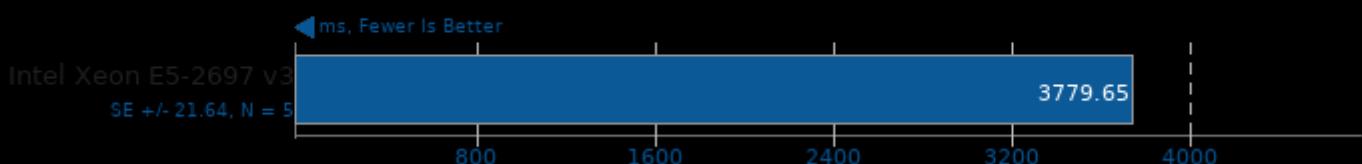
Renaissance 0.10.0

Test: Apache Spark PageRank



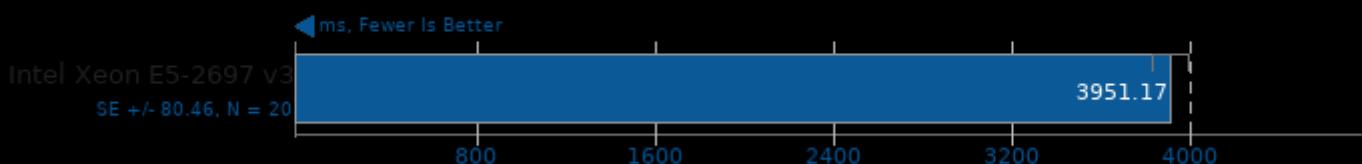
Renaissance 0.10.0

Test: Twitter HTTP Requests



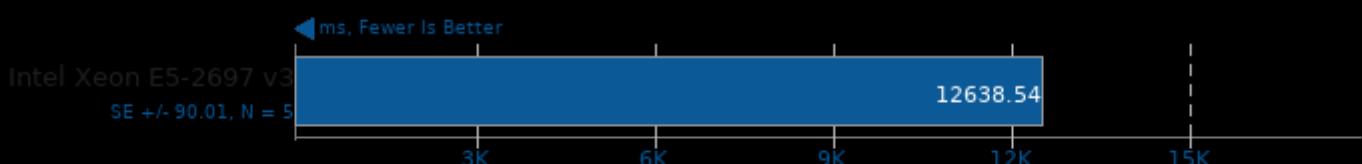
Renaissance 0.10.0

Test: In-Memory Database Shootout



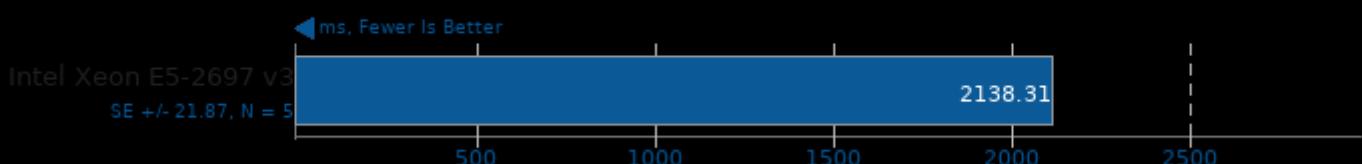
Renaissance 0.10.0

Test: Akka Unbalanced Cobwebbed Tree



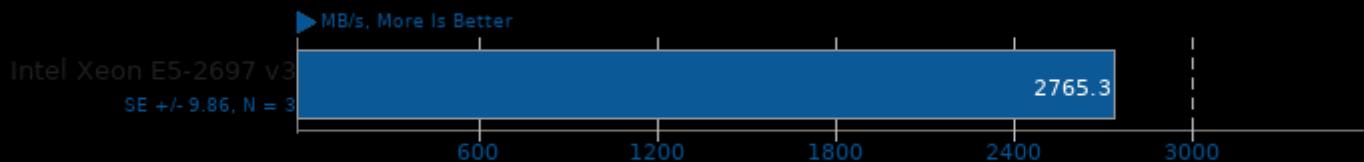
Renaissance 0.10.0

Test: Genetic Algorithm Using Jenetics + Futures



Zstd Compression 1.5.0

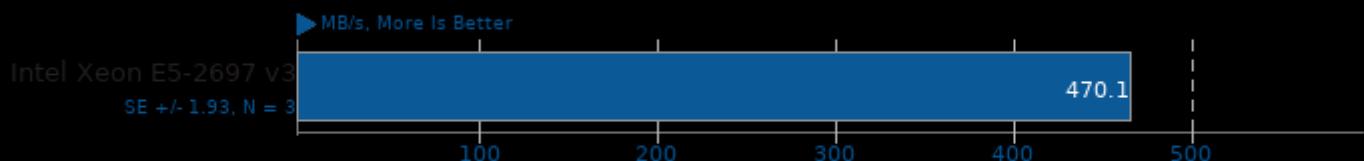
Compression Level: 3 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

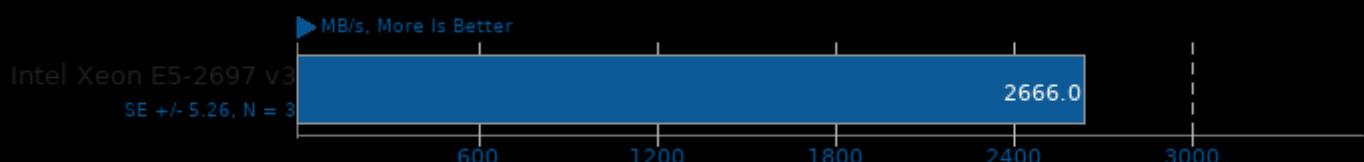
Compression Level: 8 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

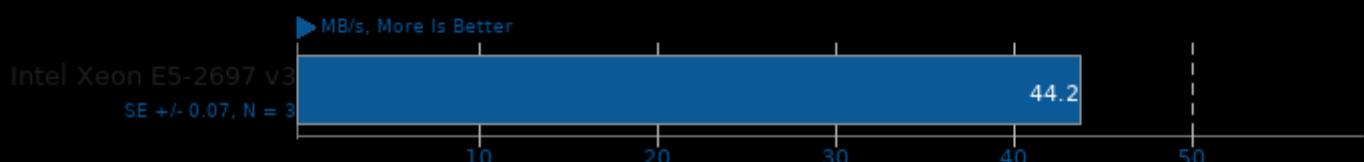
Compression Level: 8 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

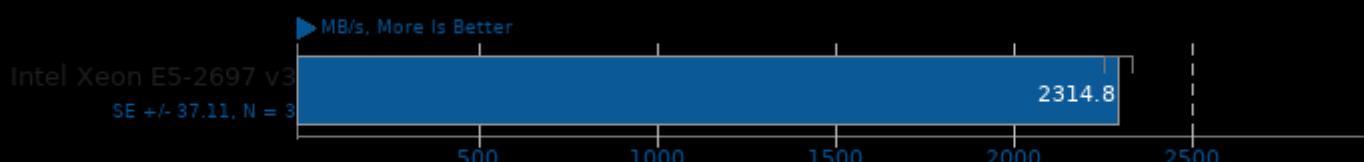
Compression Level: 19 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

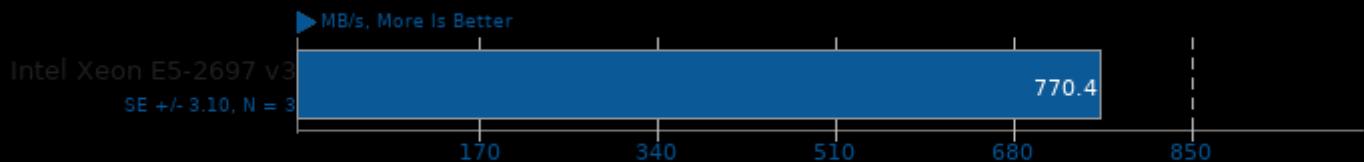
Compression Level: 19 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

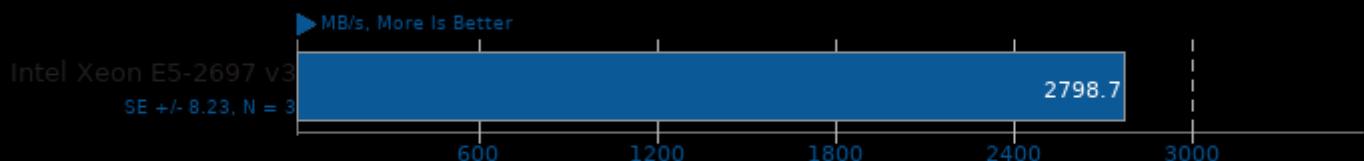
Compression Level: 3, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

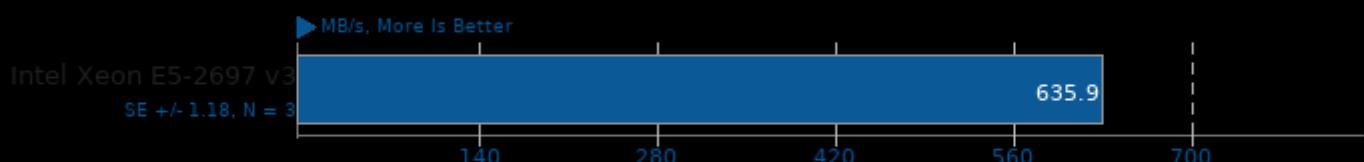
Compression Level: 3, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

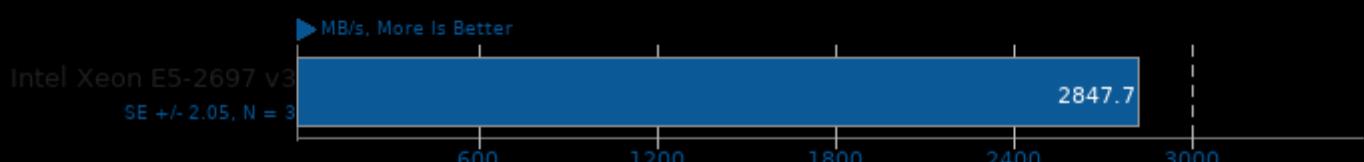
Compression Level: 8, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

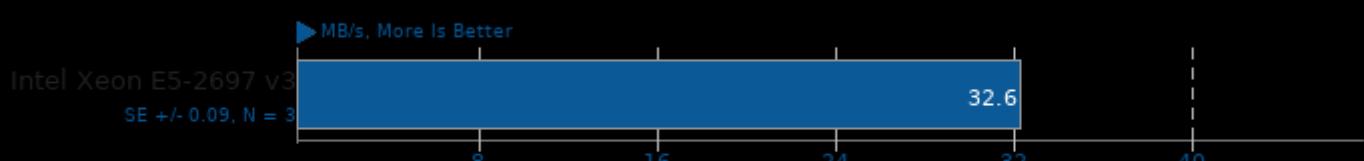
Compression Level: 8, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

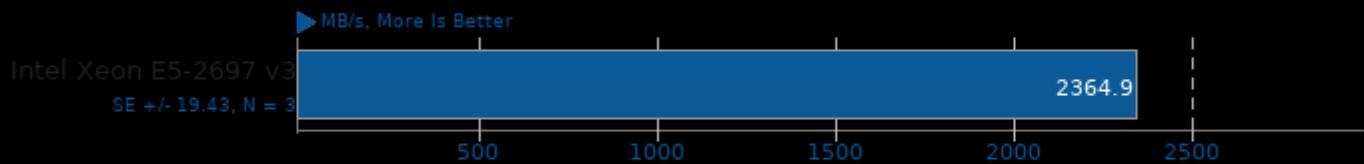
Compression Level: 19, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

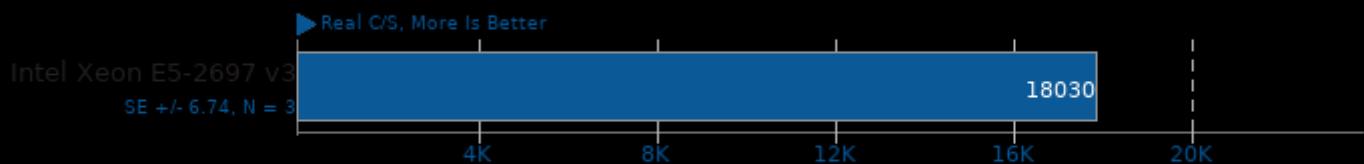
Compression Level: 19, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

John The Ripper 1.9.0-jumbo-1

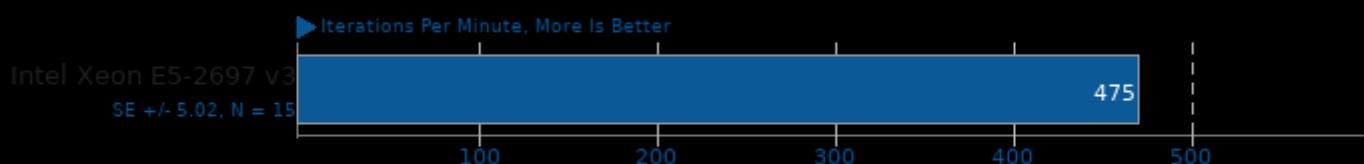
Test: Blowfish



1. (CC) gcc options: -m64 -lssl -lcrypto -fopenmp -lgmp -pthread -lm -lz -ldl -lcrypt -lbz2

GraphicsMagick 1.3.33

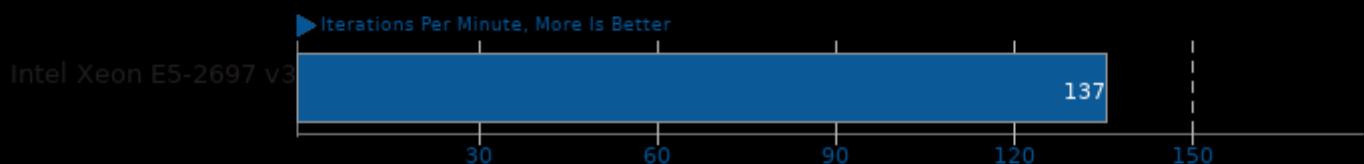
Operation: Rotate



1. (CC) gcc options: -fopenmp -O2 -pthread -lwebp -lwebpmux -lcms2 -ltiff -lfreetype -ljasper -jpeg -lwmflite -lXext -lSM -lICE -lX11 -lzma -lbz2 -lxml2 -lz

GraphicsMagick 1.3.33

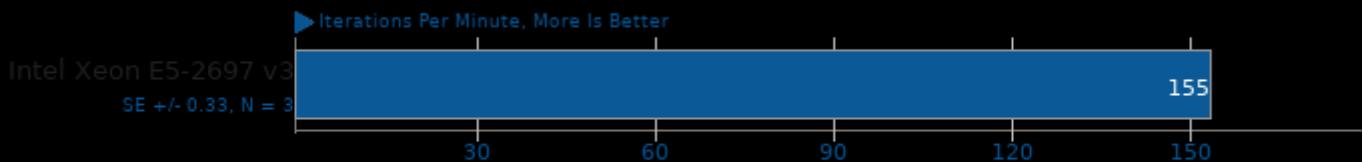
Operation: Sharpen



1. (CC) gcc options: -fopenmp -O2 -pthread -lwebp -lwebpmux -lcms2 -ltiff -lfreetype -ljasper -jpeg -lwmflite -lXext -lSM -lICE -lX11 -lzma -lbz2 -lxml2 -lz

GraphicsMagick 1.3.33

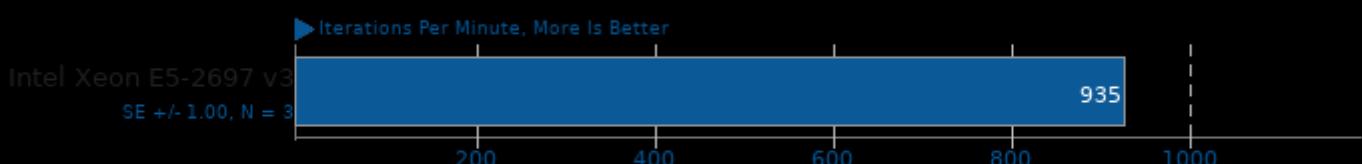
Operation: Enhanced



1. (CC) gcc options: -fopenmp -O2 -pthread -lwebp -lwebrtc -lwebpmux -lcms2 -ltiff -lfreetype -jasper -jpeg -lwmflite -lXext -lSM -ICE -lX11 -lzma -bz2 -xml2 -lz

GraphicsMagick 1.3.33

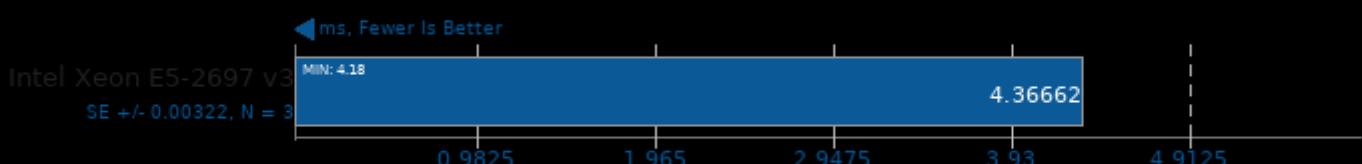
Operation: Resizing



1. (CC) gcc options: -fopenmp -O2 -pthread -lwebp -lwebrtc -lwebpmux -lcms2 -ltiff -lfreetype -jasper -jpeg -lwmflite -lXext -lSM -ICE -lX11 -lzma -bz2 -xml2 -lz

oneDNN MKL-DNN 1.3

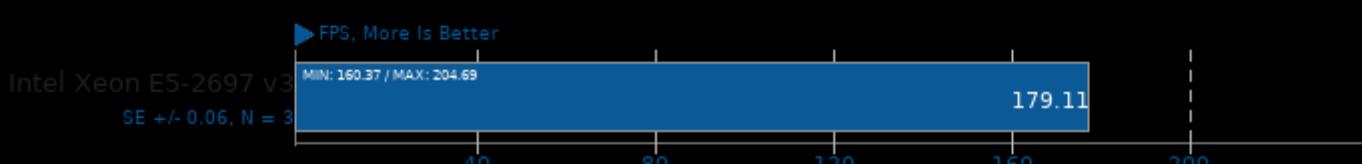
Harness: Deconvolution Batch deconv_1d - Data Type: f32



1. (CXX) g++ options: -O3 -march=native -std=c++11 -msse4.1 -fPIC -fopenmp -pie -lpthread -ldl

dav1d 0.9.0

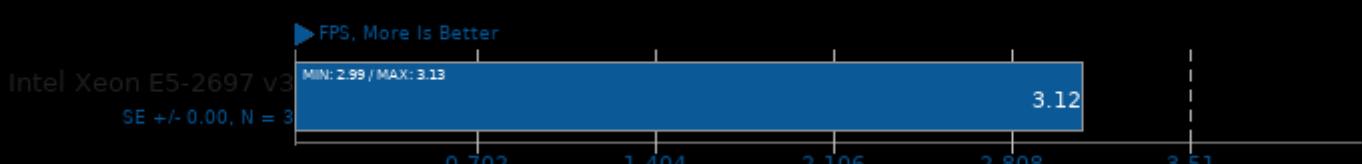
Video Input: Summer Nature 4K



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

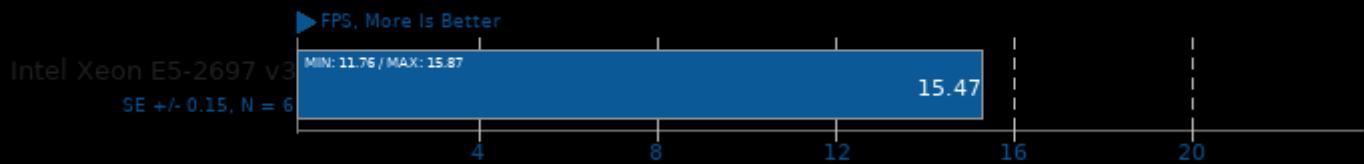
OSPray 1.8.5

Demo: XFrog Forest - Renderer: SciVis



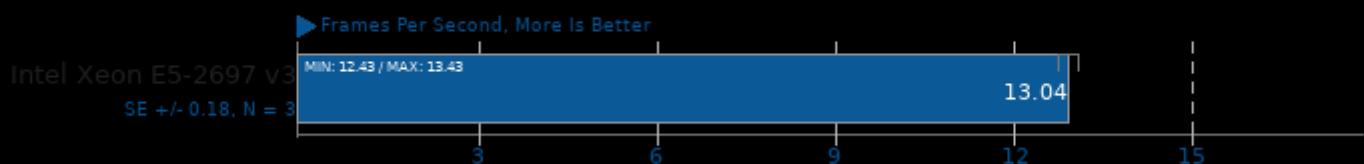
OSPray 1.8.5

Demo: Magnetic Reconnection - Renderer: SciVis



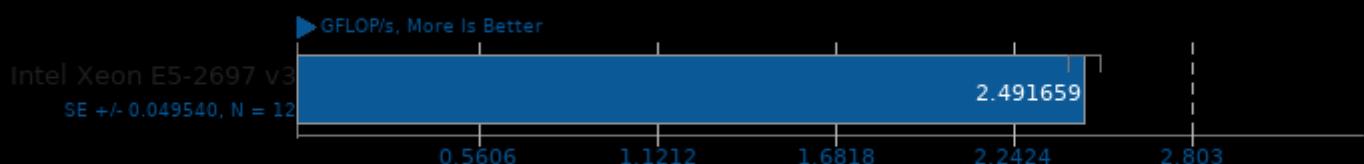
Embree 3.13

Binary: Pathtracer - Model: Crown



ACES DGEMM 1.0

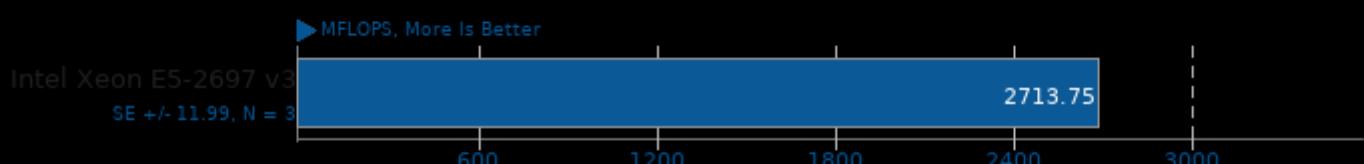
Sustained Floating-Point Rate



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

Himeno Benchmark 3.0

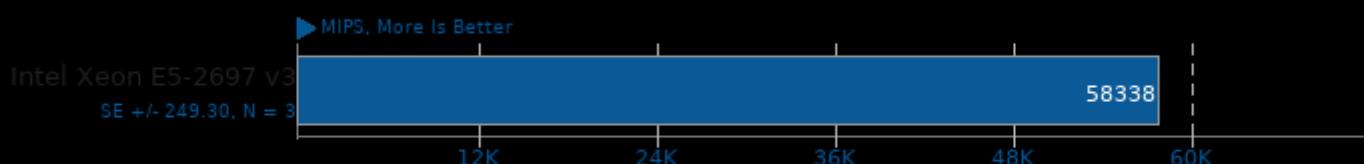
Poisson Pressure Solver



1. (CC) gcc options: -O3 -mavx2

7-Zip Compression 16.02

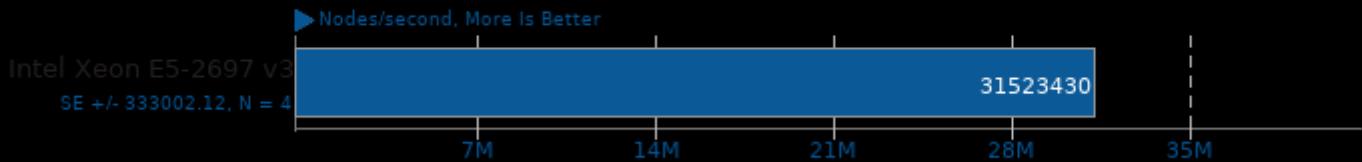
Compress Speed Test



1. (CXX) g++ options: -pipe -lpthread

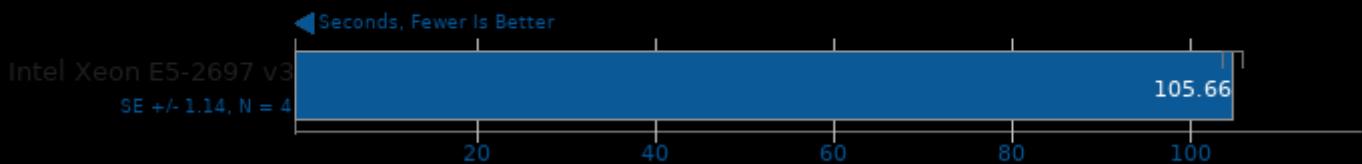
asmFish 2018-07-23

1024 Hash Memory, 26 Depth



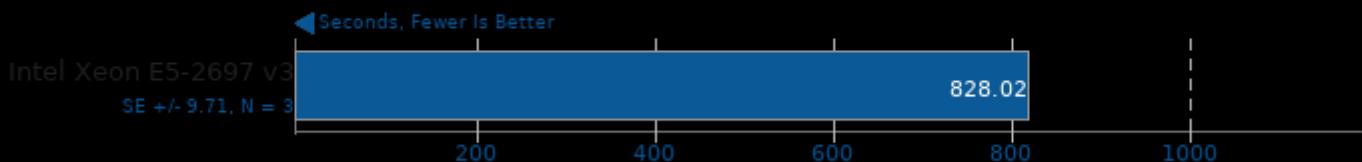
Timed Linux Kernel Compilation 5.10.20

Time To Compile



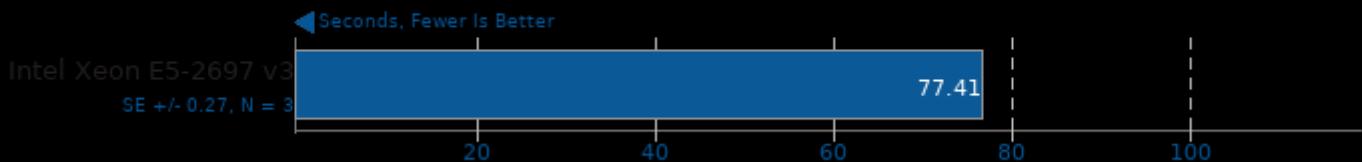
Timed LLVM Compilation 12.0

Time To Compile



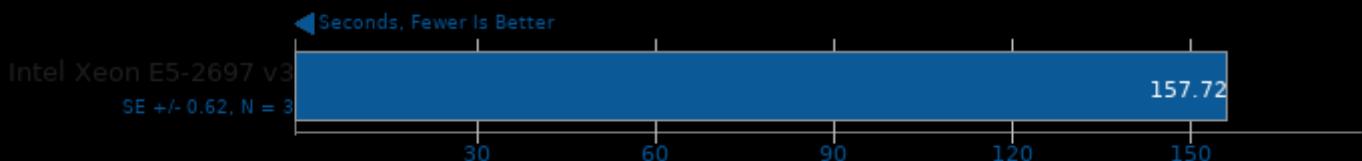
Timed PHP Compilation 7.4.2

Time To Compile



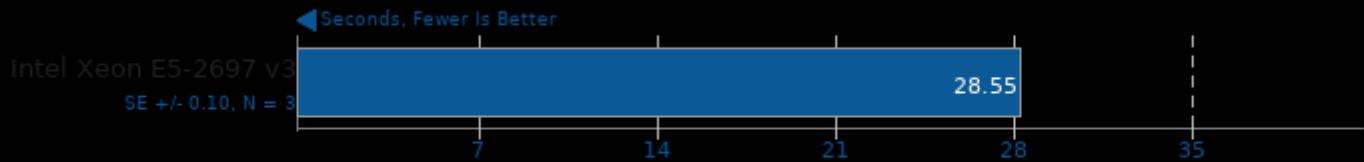
Build2 0.13

Time To Compile



Tungsten Renderer 0.2.2

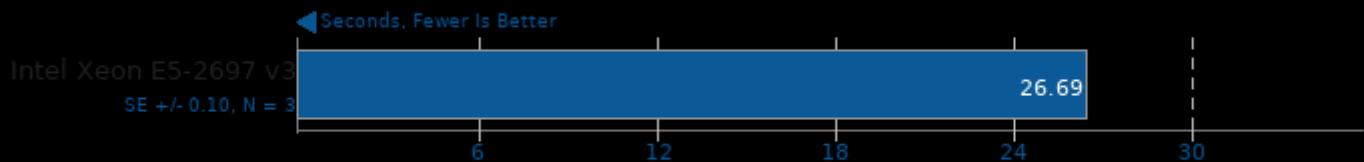
Scene: Water Caustic



1. (CXX) g++ options: -std=c++0x -march=haswell -msse2 -msse3 -mssse3 -msse4.1 -msse4.2 -mfma -mbmi2 -mno-sse4a -mno-avx -mno-avx2 -mno-xo

XZ Compression 5.2.4

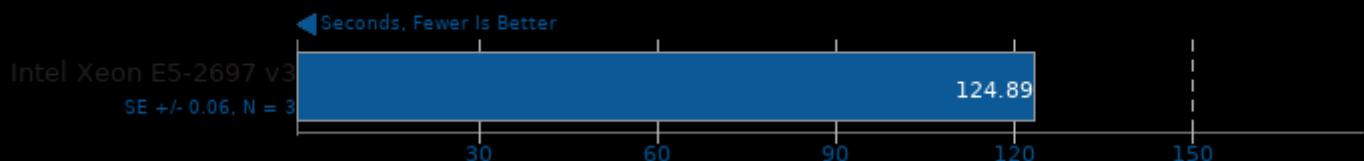
Compressing ubuntu-16.04.3-server-i386.img, Compression Level 9



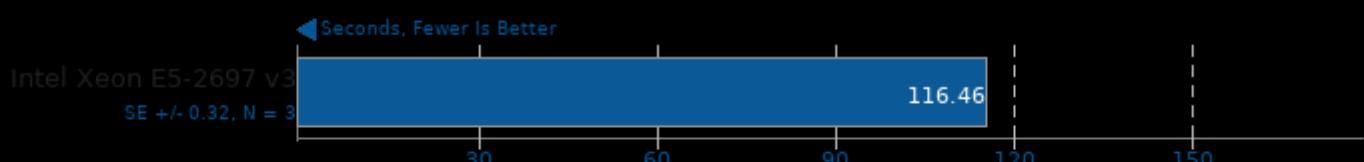
1. (CC) gcc options: -pthread -fvisibility=hidden -O2

DeepSpeech 0.6

Acceleration: CPU

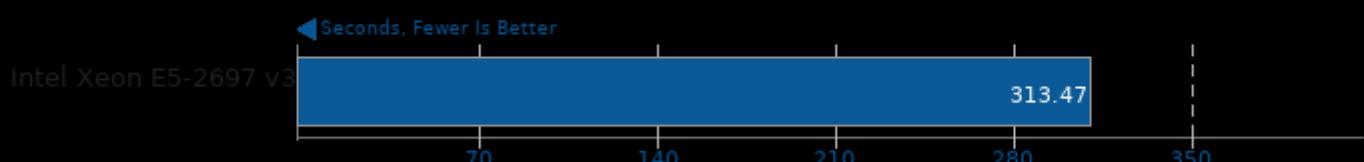


OpenCV Benchmark 3.3.0



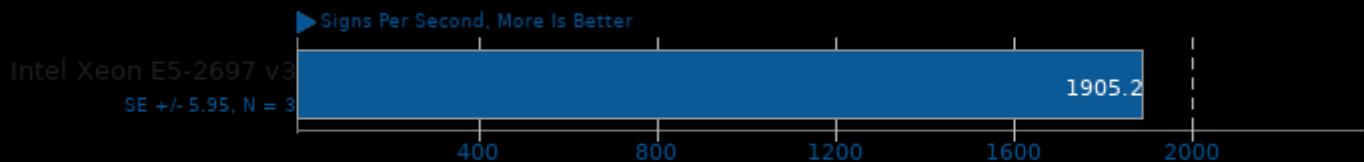
Radiance Benchmark 5.0

Test: SMP Parallel



OpenSSL 1.1.1

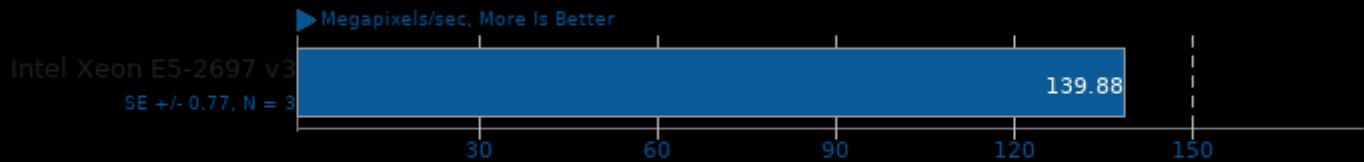
RSA 4096-bit Performance



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

libjpeg-turbo tjbench 2.1.0

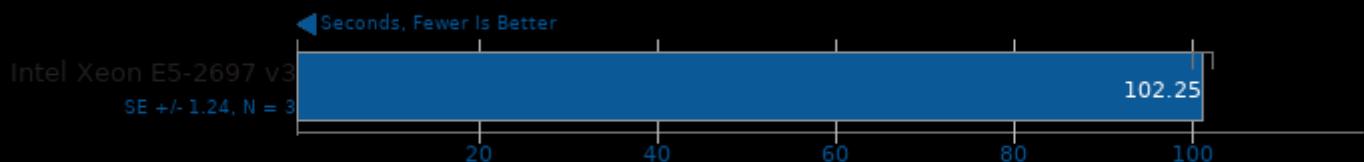
Test: Decompression Throughput



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

SQLite Speedtest 3.30

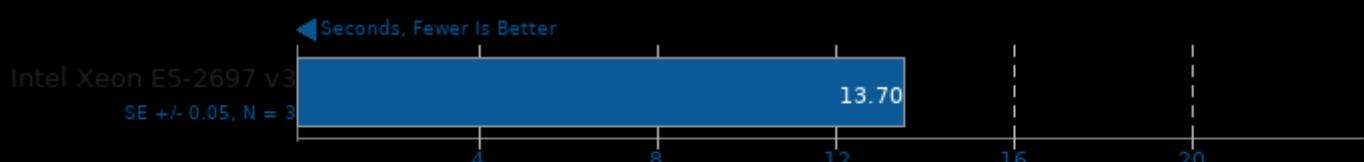
Timed Time - Size 1,000



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

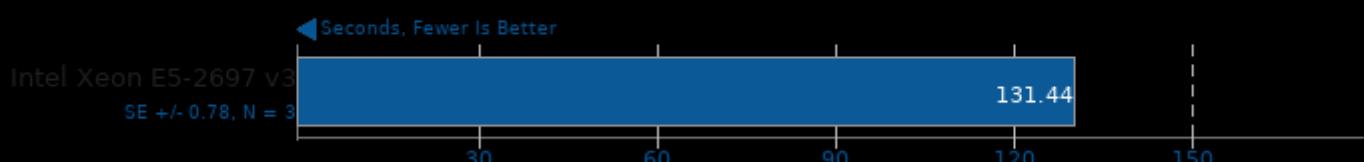
GEGL

Operation: Crop



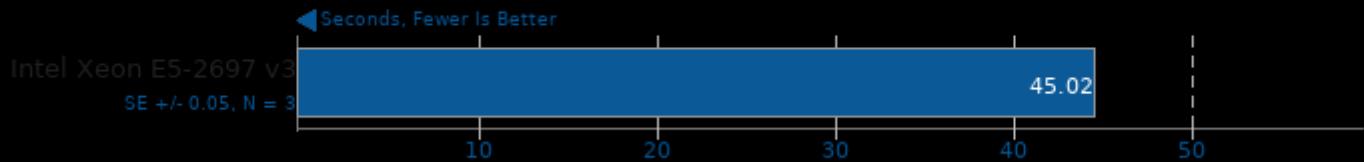
GEGL

Operation: Cartoon

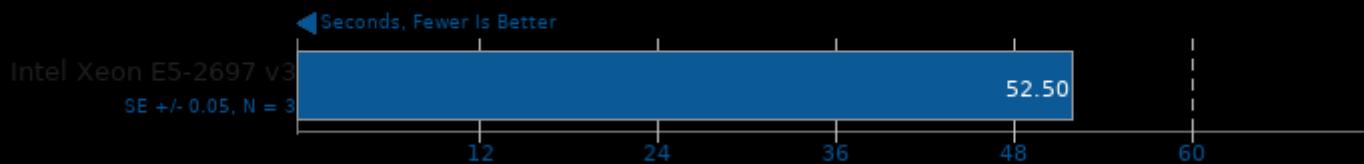


GEGL

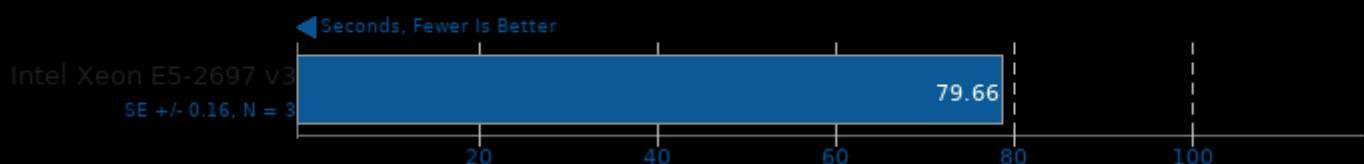
Operation: Reflect

**GEGL**

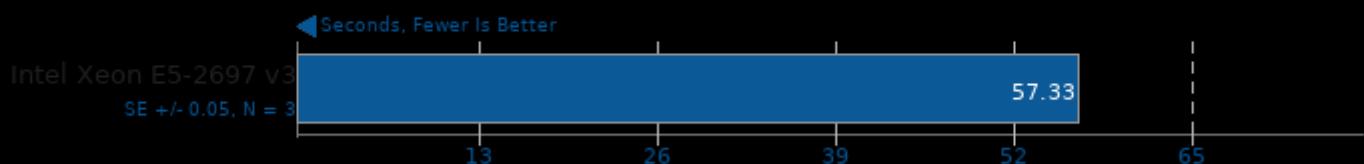
Operation: Antialias

**GEGL**

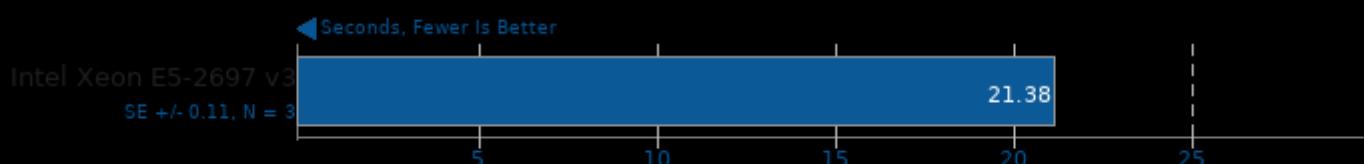
Operation: Color Enhance

**GEGL**

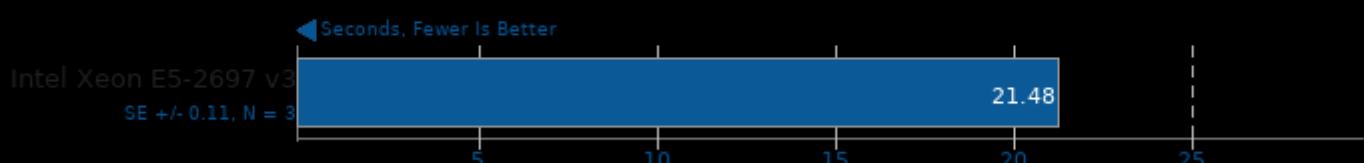
Operation: Rotate 90 Degrees

**GIMP 2.10.24**

Test: rotate

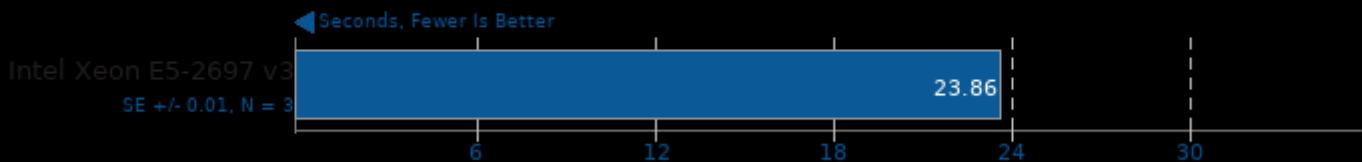
**GIMP 2.10.24**

Test: auto-levels



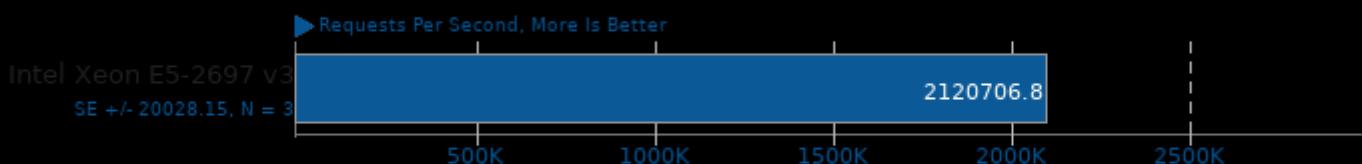
GIMP 2.10.24

Test: unsharp-mask



Redis 6.0.9

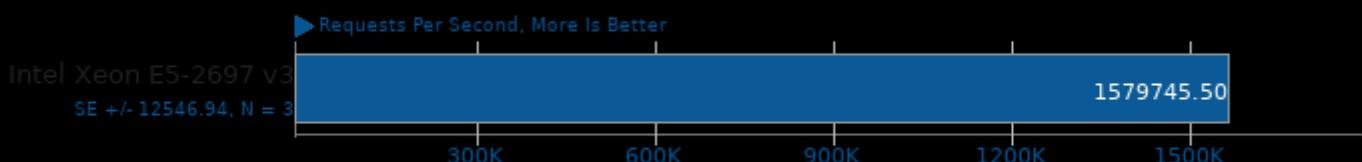
Test: GET



1. (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3

Redis 6.0.9

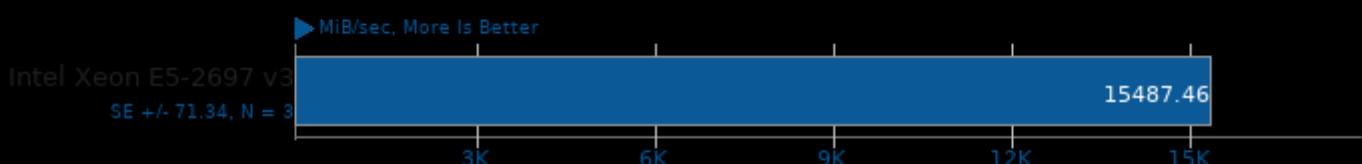
Test: SET



1. (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3

Sysbench 1.0.20

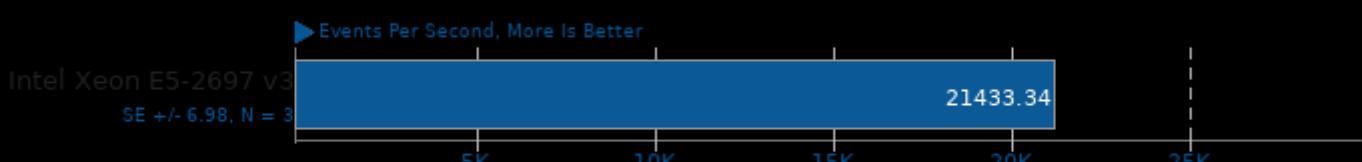
Test: Memory



1. (CC) gcc options: -pthread -O2 -funroll-loops -rdynamic -ldl -laio -lm

Sysbench 1.0.20

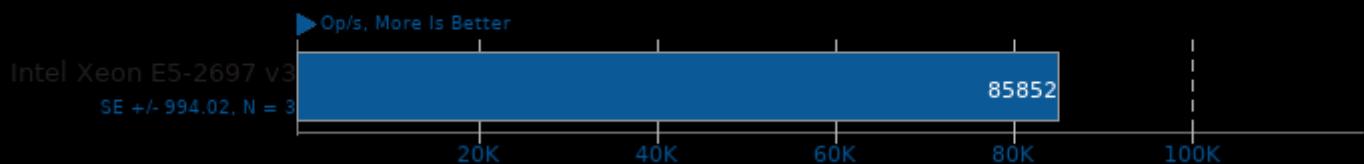
Test: CPU



1. (CC) gcc options: -pthread -O2 -funroll-loops -rdynamic -ldl -laio -lm

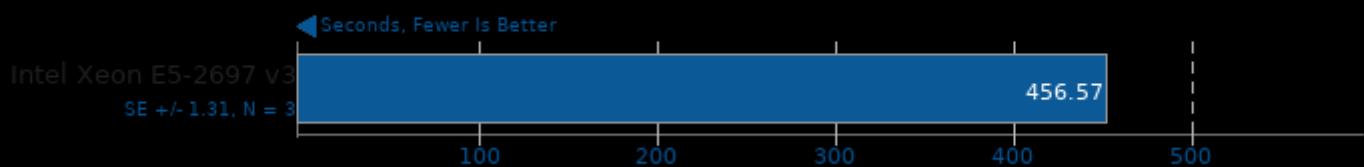
Apache Cassandra 3.11.4

Test: Writes



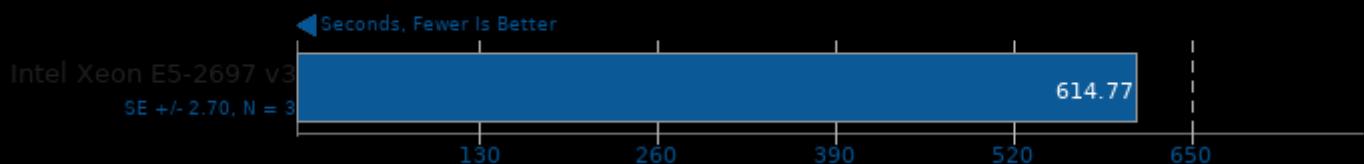
Blender 2.92

Blend File: Classroom - Compute: CPU-Only



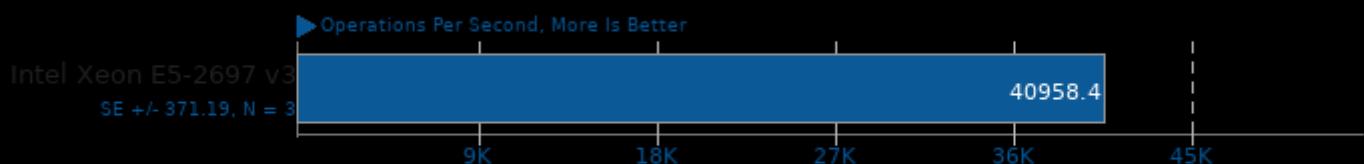
Blender 2.92

Blend File: Barbershop - Compute: CPU-Only



Memcached mcperf 1.6.9

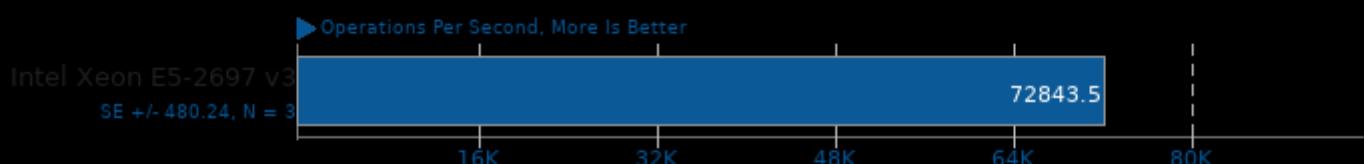
Method: Add



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

Memcached mcperf 1.6.9

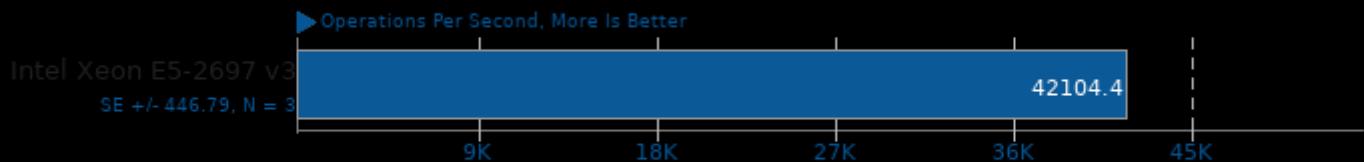
Method: Get



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

Memcached mcperf 1.6.9

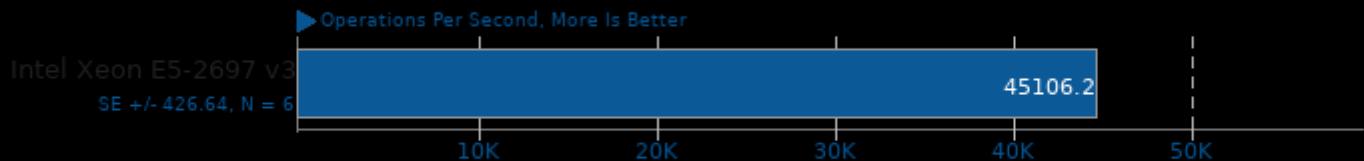
Method: Set



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

Memcached mcperf 1.6.9

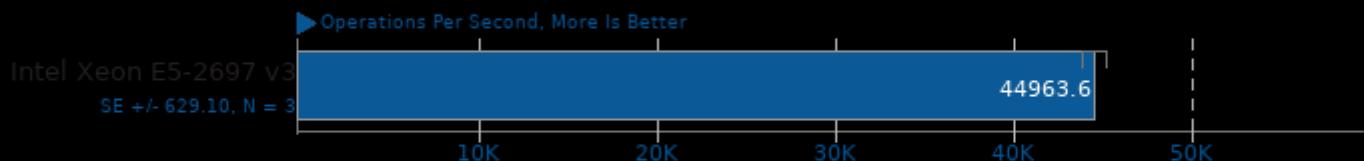
Method: Append



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

Memcached mcperf 1.6.9

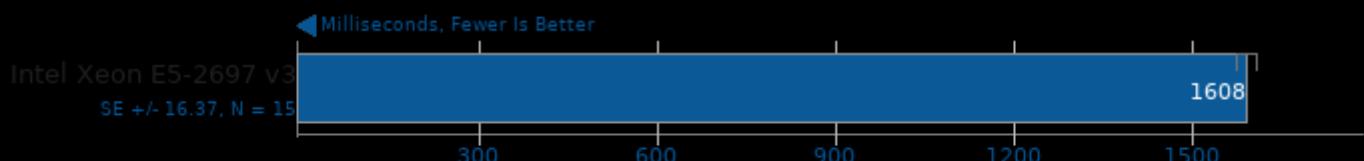
Method: Replace



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

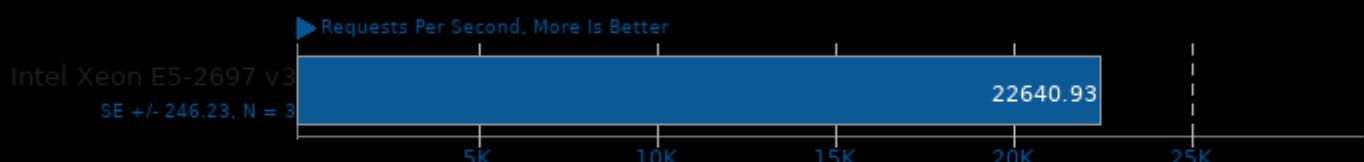
PyBench 2018-02-16

Total For Average Test Times



NGINX Benchmark 1.9.9

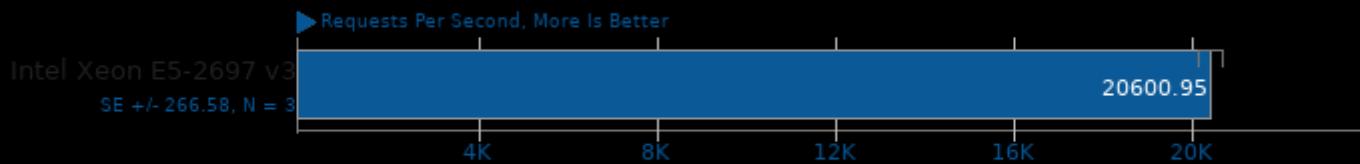
Static Web Page Serving



1. (CC) gcc options: -lpthread -lcrypt -lcrypto -lz -O3 -march=native

Apache Benchmark 2.4.29

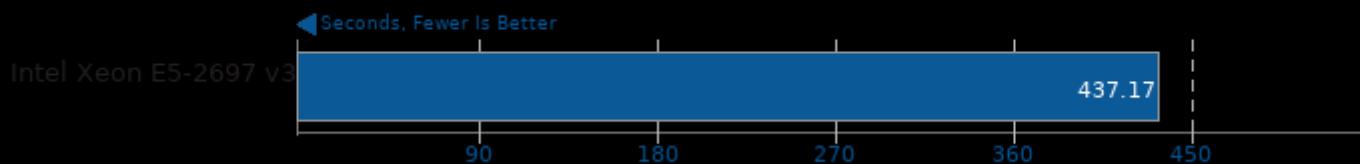
Static Web Page Serving



l. (CC) gcc options: -shared -fPIC -O2 -pthread

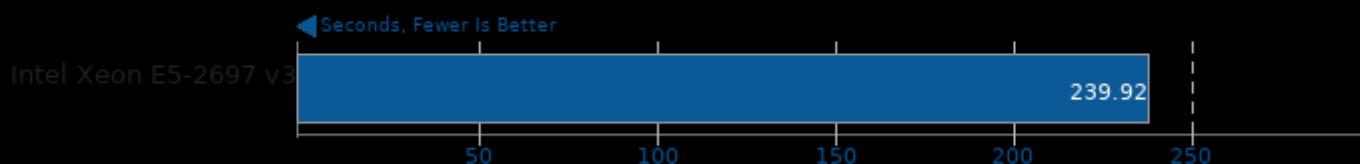
Appleseed 2.0 Beta

Scene: Emily



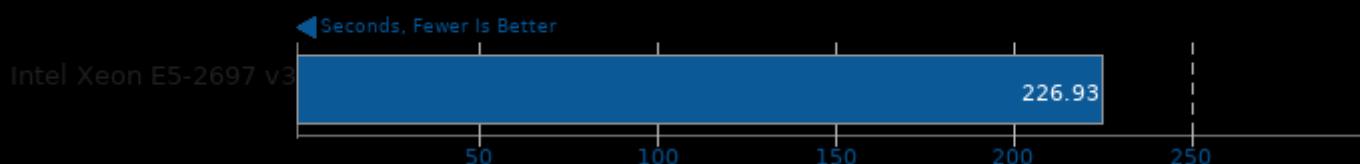
Appleseed 2.0 Beta

Scene: Disney Material



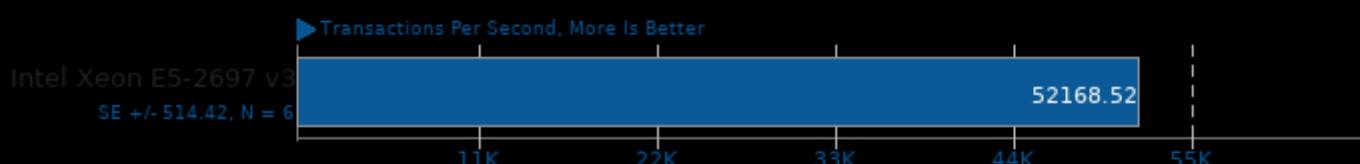
Appleseed 2.0 Beta

Scene: Material Tester



Apache Siege 2.4.29

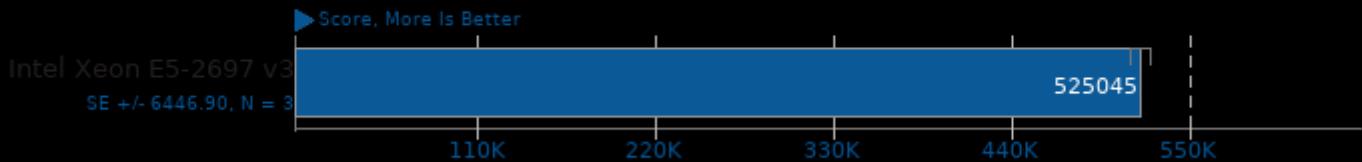
Concurrent Users: 100



l. (CC) gcc options: -O2 -lpthread -ldl -lssl -lcrypto

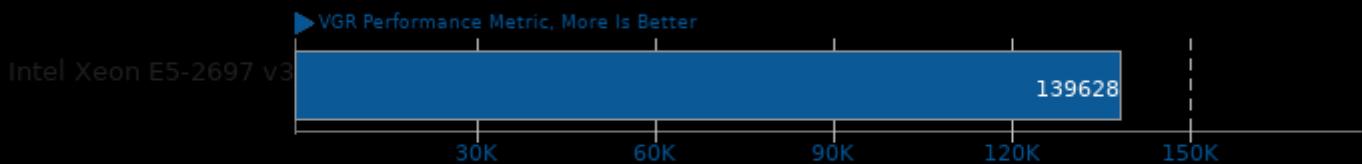
PHPBench 0.8.1

PHP Benchmark Suite



BRL-CAD 7.32.2

VGR Performance Metric



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 09:32.