

www.phoronix-test-suite.com

compulab-intense-pc--ubuntu-1204-linux

Intel Core i7-3517UE testing with a CompuLab Intense-PC and Intel Ivy Bridge on Ubuntu 12.04 via the Phoronix Test Suite.

Test Systems:

Ubuntu 12.04 LTS - Updated

Processor: Intel Core i7-3517UE @ 2.10GHz (4 Cores), Motherboard: CompuLab Intense-PC, Chipset: Intel Ivy Bridge DRAM, Memory: 8192MB, Disk: 500GB Hitachi HCC54755, Graphics: Intel Ivy Bridge, Audio: Realtek ALC888, Monitor: VA2431, Network: Intel 82579LM Gigabit Connection + Realtek RTL8188CE 802.11b/g/n

OS: Ubuntu 12.04, Kernel: 3.2.0-29-generic (x86_64), Desktop: Unity 5.14.0, Display Server: X Server 1.11.3, Display Driver: intel 2.17.0, OpenGL: 2.1 Mesa 8.0.2, Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,c++,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-arch-32=i686 --with-tune=generic -v
Processor Notes: Scaling Governor: ondemand
Graphics Notes: UXA

compulab-intense-pc--ubuntu-1204-linux

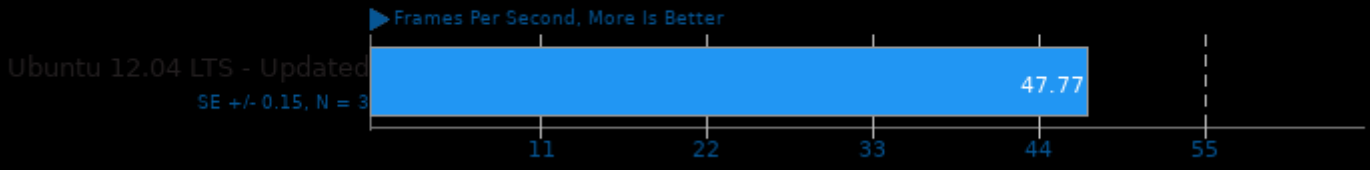
System Notes: Compiz was running on this system.

	Ubuntu 12.04 LTS - Updated
Lightsmark - 1920 x 1080 (FPS)	47.77
Standard Deviation	0.6%
Nexuiz - 1920 x 1080 - Yes - On (FPS)	31.32
Standard Deviation	0%
OpenArena - 1920 x 1080 (FPS)	103.23
Standard Deviation	0.6%
OpenArena - 1920 x 1080 (FPS)	23.57
Standard Deviation	2.2%
Warsow - 1920 x 1080 (FPS)	28.03
Standard Deviation	1.1%
Xonotic - 1920 x 1080 - Low (FPS)	63.54
Standard Deviation	7.8%
Xonotic - 1920 x 1080 - High (FPS)	29.82
Standard Deviation	4.6%
NAS Parallel Benchmarks - EP.B (Mop/s)	58.19
Standard Deviation	0.2%
NAS Parallel Benchmarks - FT.B (Mop/s)	1990
Standard Deviation	0.3%
NAS Parallel Benchmarks - IS.C (Mop/s)	148.00
Standard Deviation	0.1%
NAS Parallel Benchmarks - LU.A (Mop/s)	5155
Standard Deviation	2.2%
NAS Parallel Benchmarks - MG.B (Mop/s)	3356
Standard Deviation	1.3%
NAS Parallel Benchmarks - SP.A (Mop/s)	2548
Standard Deviation	14.6%
NAS Parallel Benchmarks - UA.A (Mop/s)	17.38
Standard Deviation	17.6%
LAMMPS Molecular Dynamics Simulator - Rhodopsin Protein (Loop Time)	53.18
Standard Deviation	0.2%
FFTE - N.6.1.C.F.R (MFLOPS)	4038
Standard Deviation	0.5%
Timed MAFFT Alignment - M.S.A (sec)	13.93
Standard Deviation	4.5%
TTSIOD 3D Renderer - P.R.W.S.S.M (FPS)	45.32
Standard Deviation	10.4%
VP8 libvpx Encoding - vpxenc (FPS)	13.27
Standard Deviation	16.2%
x264 - H.2.V.E (FPS)	52.57
Standard Deviation	15.6%
GraphicsMagick - Blur (Iterations/min)	75
Standard Deviation	0%
GraphicsMagick - Sharpen (Iterations/min)	36
Standard Deviation	0%
GraphicsMagick - Resizing (Iterations/min)	92

Standard Deviation	0%
GraphicsMagick - HWB Color Space (Iterations/min)	127
Standard Deviation	0%
GraphicsMagick - L.A.T (Iterations/min)	36
Standard Deviation	0%
Himeno Benchmark - P.P.S (MFLOPS)	1139
Standard Deviation	0.6%
7-Zip Compression - C.S.T (MIPS)	8125
Standard Deviation	0.8%
C-Ray - Total Time (sec)	127.73
Standard Deviation	0.1%
Parallel BZIP2 Compression - 2.F.C (sec)	21.81
Standard Deviation	2.5%
Smallpt - G.I.R.1.S (sec)	267
Standard Deviation	4.3%
FFmpeg - AVI To NTSC VCD (sec)	13.58
Standard Deviation	1.1%
Minion - Bibd (sec)	155.74
Standard Deviation	0.2%
Minion - Graceful (sec)	91.71
Standard Deviation	0.5%
Minion - Solitaire (sec)	139.97
Standard Deviation	0.1%
Minion - Quasigroup (sec)	205.01
Standard Deviation	0.1%
OpenSSL - R.4.b.P (Signs/sec)	71.70
Standard Deviation	0.8%
PostgreSQL pgbench - T.B.T.P.S (TPS)	125.55
Standard Deviation	0.1%
Apache Benchmark - S.W.P.S (Reqs/sec)	18536
Standard Deviation	0.7%

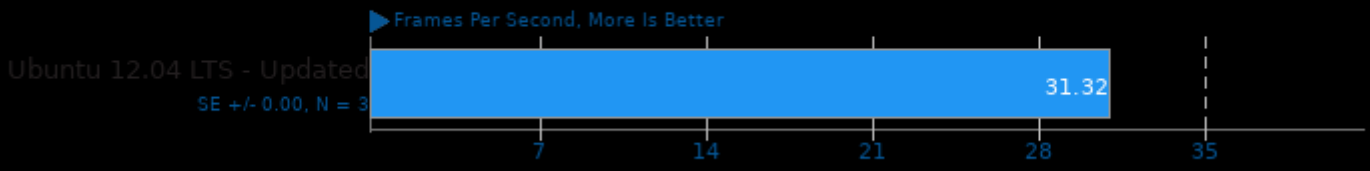
Lightsmark 2008

Resolution: 1920 x 1080



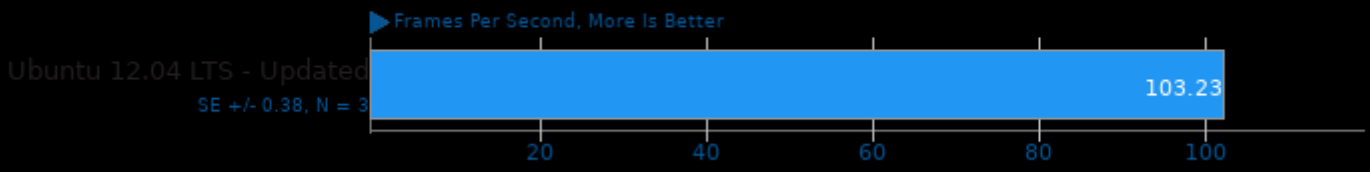
Nexuiz 2.5.2

Resolution: 1920 x 1080 - HDR: Yes - Sound: On



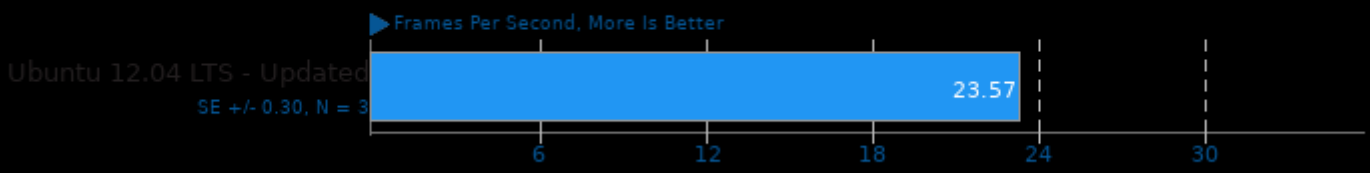
OpenArena 0.8.5

Resolution: 1920 x 1080



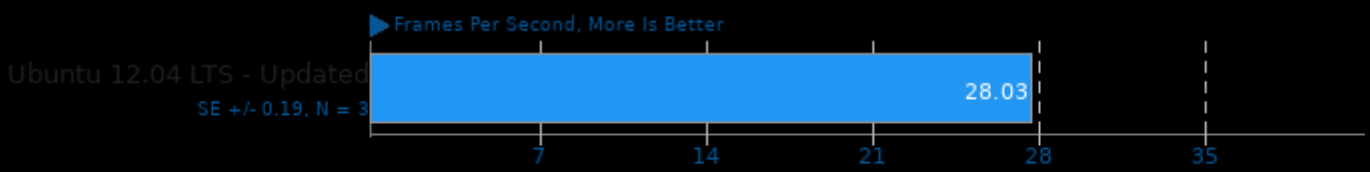
OpenArena 0.8.8

Resolution: 1920 x 1080



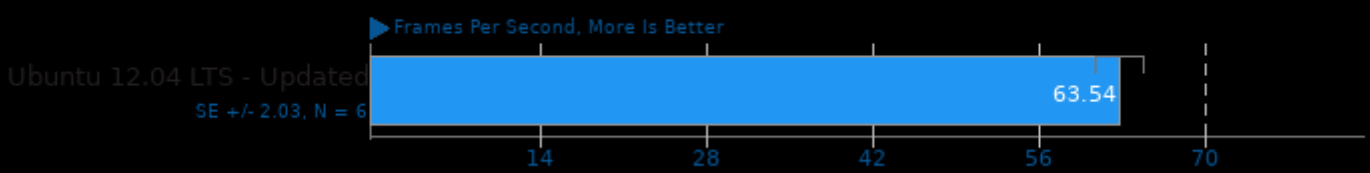
Warsow 1.0

Resolution: 1920 x 1080



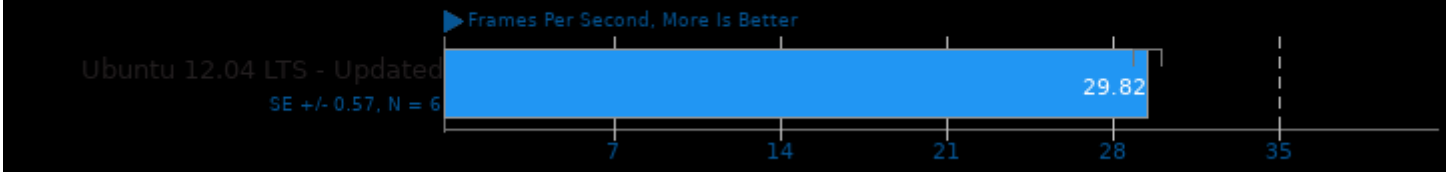
Xonotic 0.6

Resolution: 1920 x 1080 - Effects Quality: Low



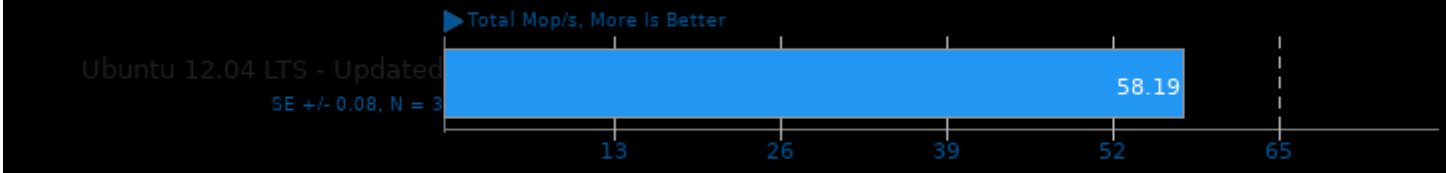
Xonotic 0.6

Resolution: 1920 x 1080 - Effects Quality: High



NAS Parallel Benchmarks 3.3

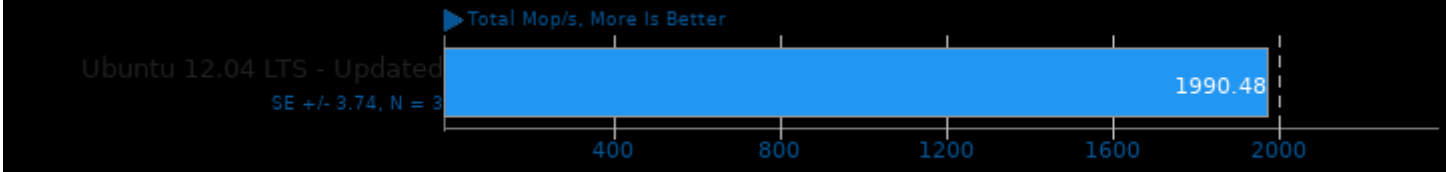
Test / Class: EP.B



1. (F9X) gfortran options: -fopenmp

NAS Parallel Benchmarks 3.3

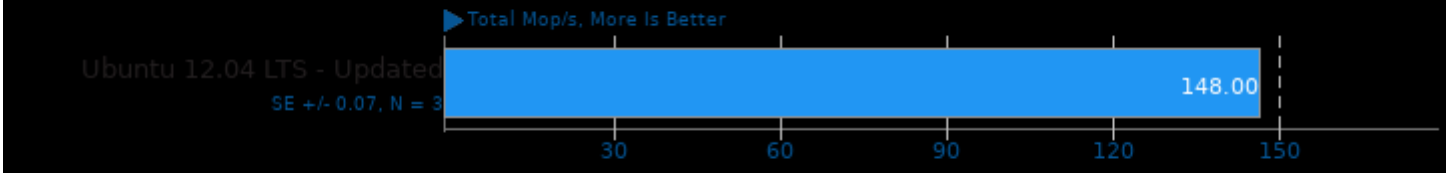
Test / Class: FT.B



1. (F9X) gfortran options: -fopenmp

NAS Parallel Benchmarks 3.3

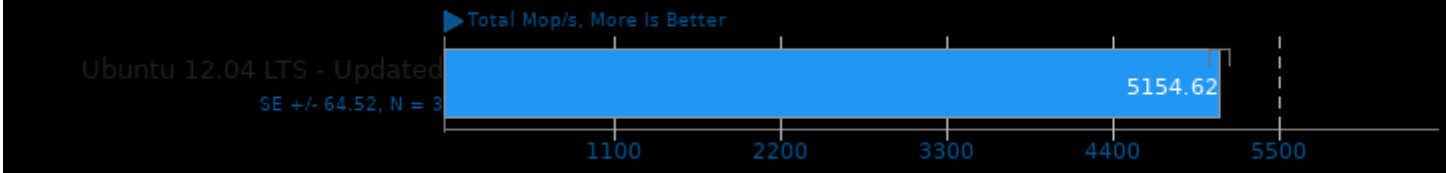
Test / Class: IS.C



1. (F9X) gfortran options: -fopenmp

NAS Parallel Benchmarks 3.3

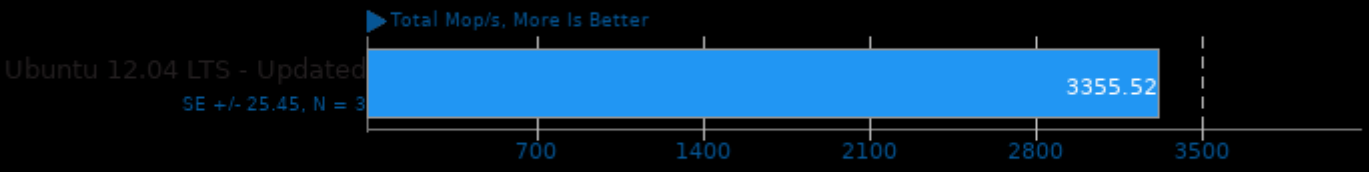
Test / Class: LU.A



1. (F9X) gfortran options: -fopenmp

NAS Parallel Benchmarks 3.3

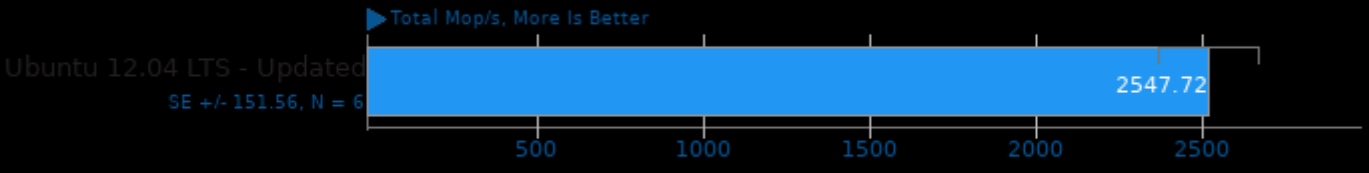
Test / Class: MG.B



1. (F9X) gfortran options: -fopenmp

NAS Parallel Benchmarks 3.3

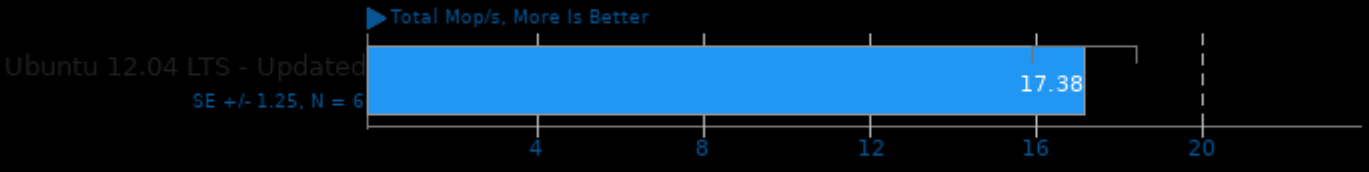
Test / Class: SP.A



1. (F9X) gfortran options: -fopenmp

NAS Parallel Benchmarks 3.3

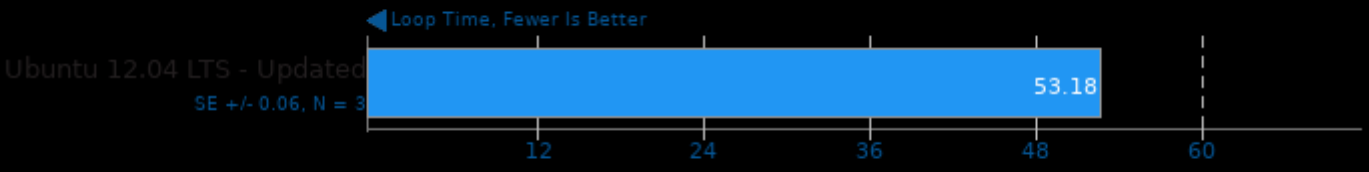
Test / Class: UA.A



1. (F9X) gfortran options: -fopenmp

LAMMPS Molecular Dynamics Simulator 1.0

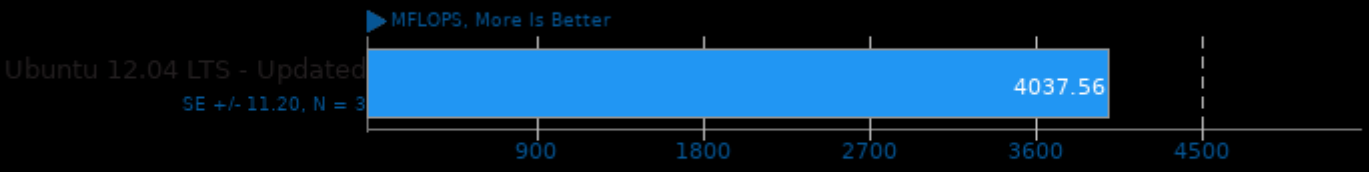
Test: Rhodopsin Protein



1. (CXX) g++ options: -lfftw -lmpich

FFTE 5.0

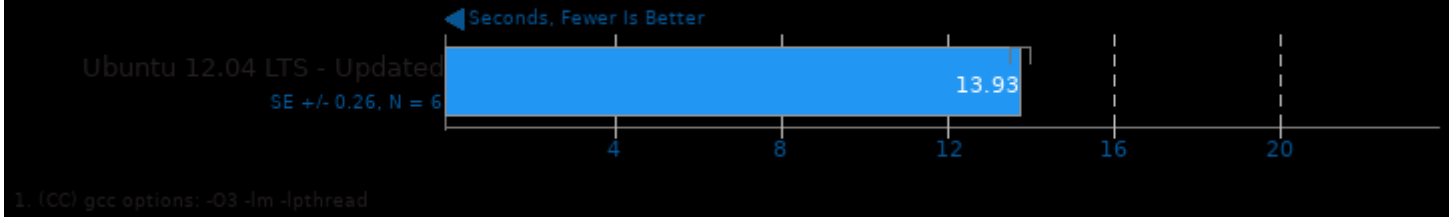
Test: N=64, 1D Complex FFT Routine



1. (F9X) gfortran options: -O3 -fomit-frame-pointer -fopenmp -pthread -lmpi_f90 -lmpi_f77 -lmpi -lopen-rte -lopen-pal -ldl -lnsl -lutil -lm

Timed MAFFT Alignment 6.864

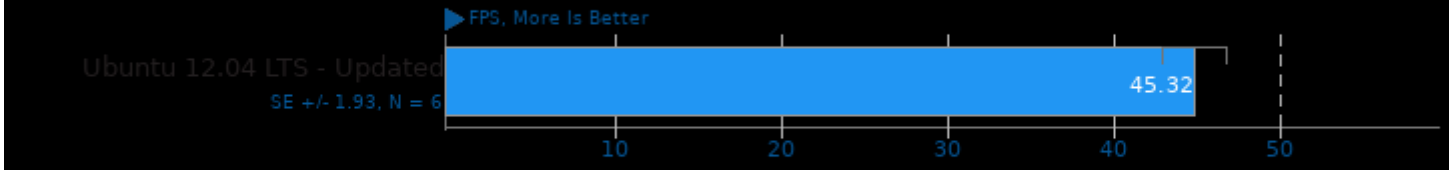
Multiple Sequence Alignment



1. (CC) gcc options: -O3 -lm -lpthread

TTSIOD 3D Renderer 2.2w

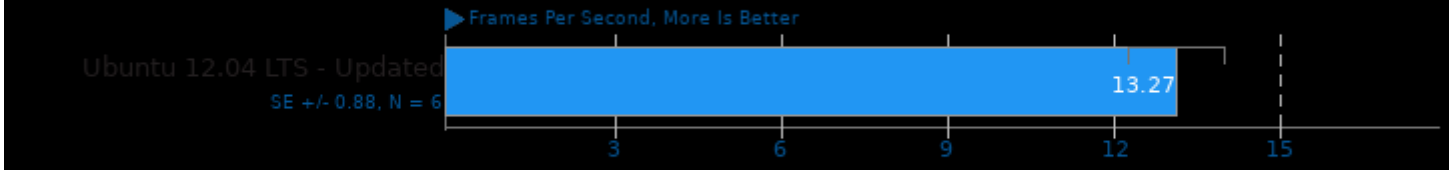
Phong Rendering With Soft-Shadow Mapping



1. (CXX) g++ options: -O3 -fomit-frame-pointer -ffast-math -mtune=native -flto -msse -mrecip -mfpmath=sse -msse2 -mssse3 -lSDL -lstdc++

VP8 libvpx Encoding 0.9.7-p1

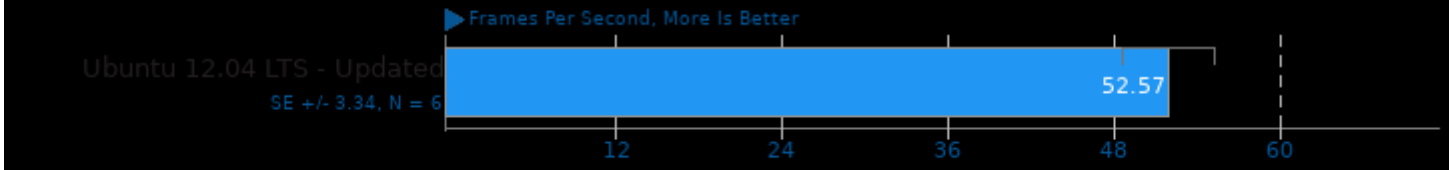
vpxenc



1. (CC) gcc options: -m64 -lvpx -lm -lpthread

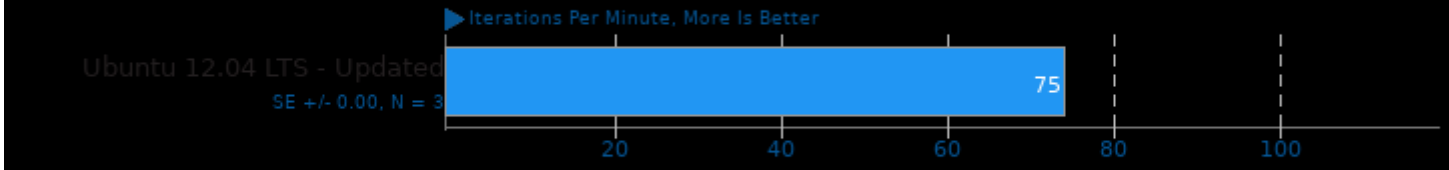
x264 2011-12-06

H.264 Video Encoding



GraphicsMagick 1.3.12

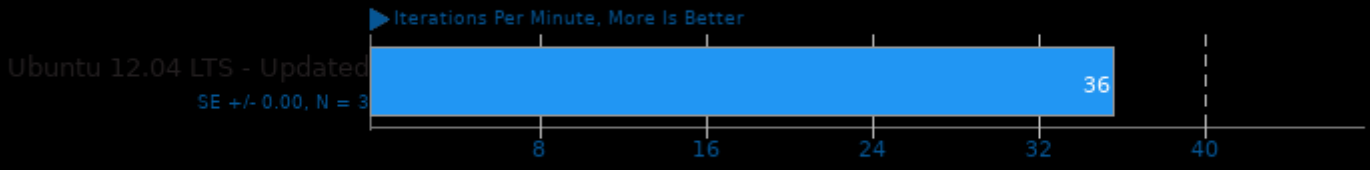
Operation: Blur



1. (CC) gcc options: -std=gnu99 -fopenmp -O2 -pthread -ljpeg -lXext -lSM -lICE -lX11 -lbz2 -lz -lm -lgomp -lpthread

GraphicsMagick 1.3.12

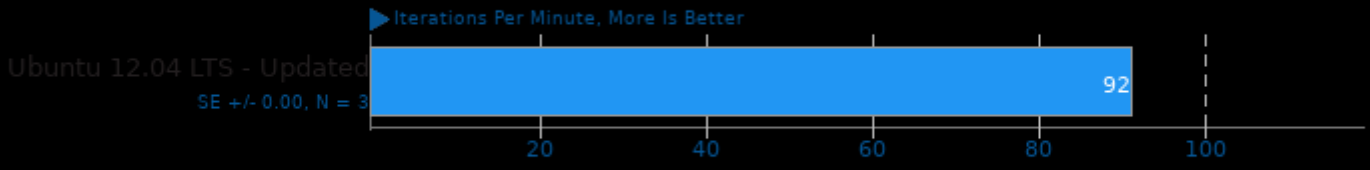
Operation: Sharpen



1. (CC) gcc options: -std=gnu99 -fopenmp -O2 -pthread -ljpeg -lXext -lSM -lICE -lX11 -lbz2 -lz -lm -lgomp -lpthread

GraphicsMagick 1.3.12

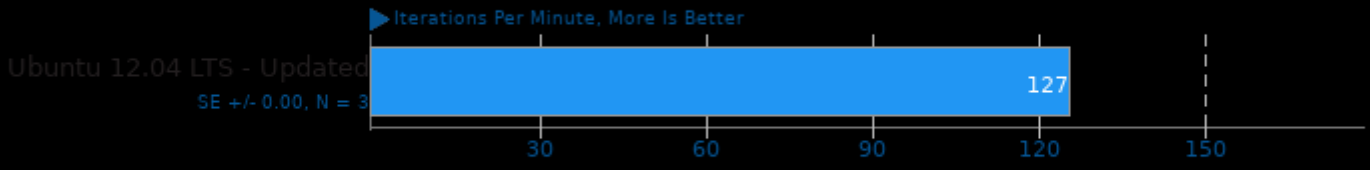
Operation: Resizing



1. (CC) gcc options: -std=gnu99 -fopenmp -O2 -pthread -ljpeg -lXext -lSM -lICE -lX11 -lbz2 -lz -lm -lgomp -lpthread

GraphicsMagick 1.3.12

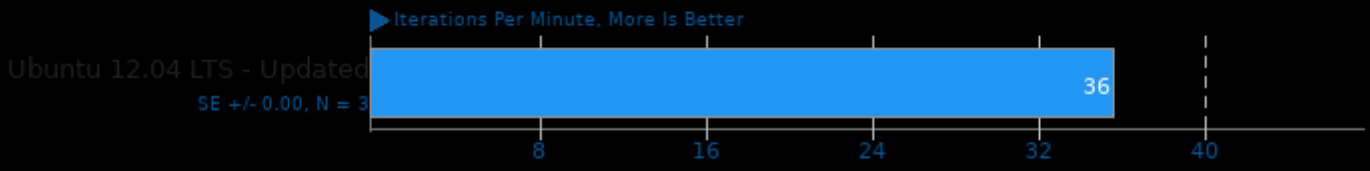
Operation: HWB Color Space



1. (CC) gcc options: -std=gnu99 -fopenmp -O2 -pthread -ljpeg -lXext -lSM -lICE -lX11 -lbz2 -lz -lm -lgomp -lpthread

GraphicsMagick 1.3.12

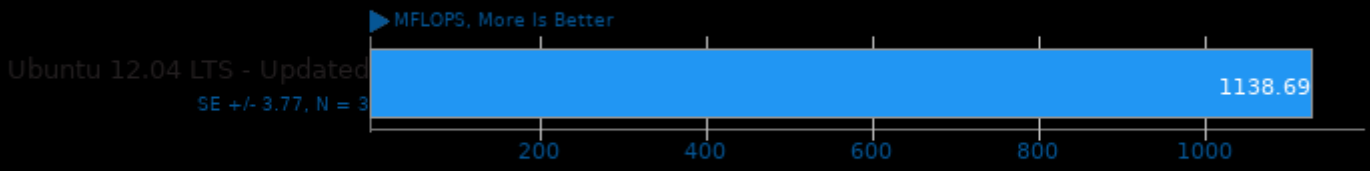
Operation: Local Adaptive Thresholding



1. (CC) gcc options: -std=gnu99 -fopenmp -O2 -pthread -ljpeg -lXext -lSM -lICE -lX11 -lbz2 -lz -lm -lgomp -lpthread

Himeno Benchmark 3.0

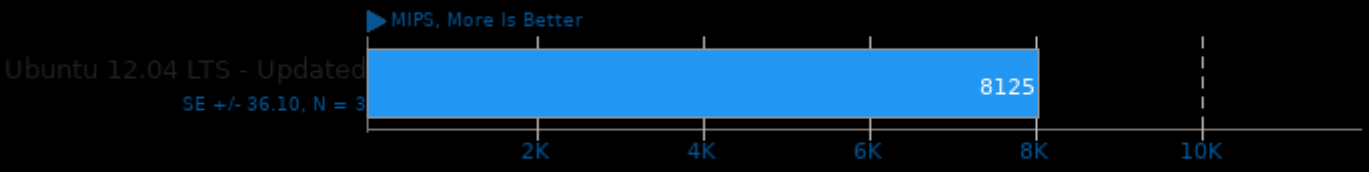
Poisson Pressure Solver



1. (CC) gcc options: -O3

7-Zip Compression 9.20.1

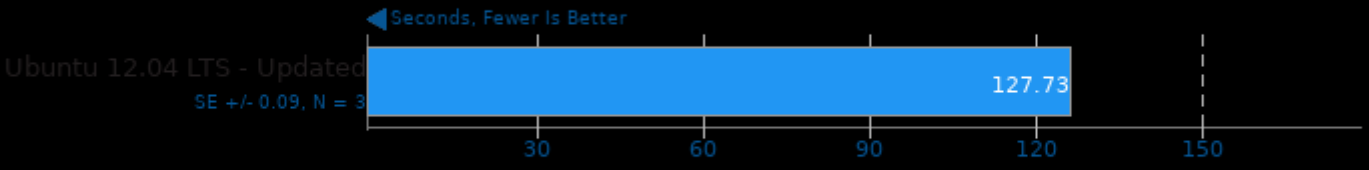
Compress Speed Test



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

C-Ray 1.1

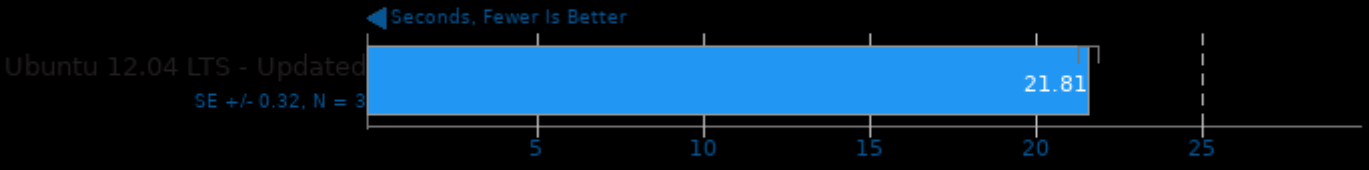
Total Time



1. (CC) gcc options: -lm -lpthread -O3

Parallel BZIP2 Compression 1.0.5

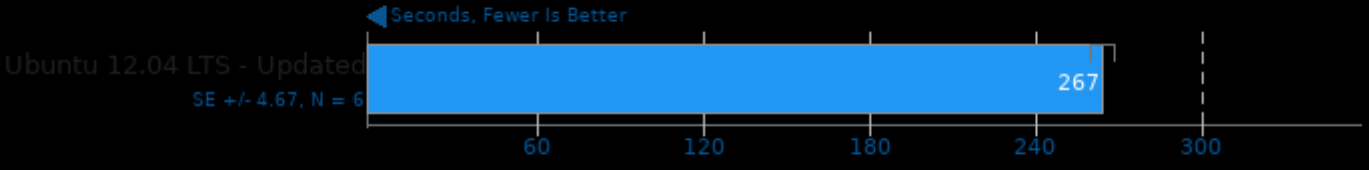
256MB File Compression



1. (CXX) g++ options: -O2 -pthread -lpthread -lbz2

Smallpt 1.0

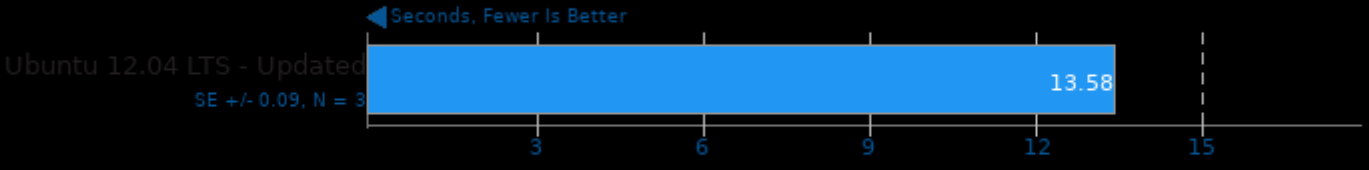
Global Illumination Renderer; 100 Samples



1. (CXX) g++ options: -fopenmp

FFmpeg 0.10

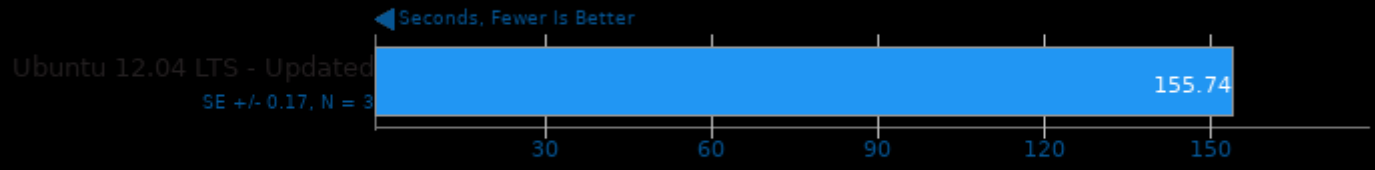
AVI To NTSC VCD



1. (CC) gcc options: -lavdevice -lavfilter -lavformat -lavcodec -lswresample -lswscale -lavutil -ldl -lasound -lSDL -lm -pthread -lbz2

Minion 0.12

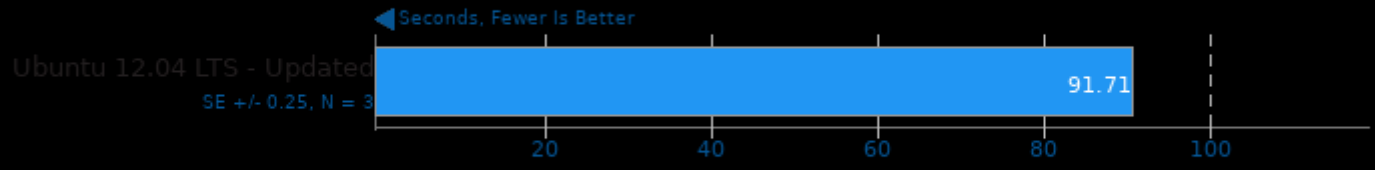
Benchmark: Bibd



1. (CXX) g++ options: -O3 -fomit-frame-pointer -rdynamic -lboost_iostreams-mt -lz -lbz2

Minion 0.12

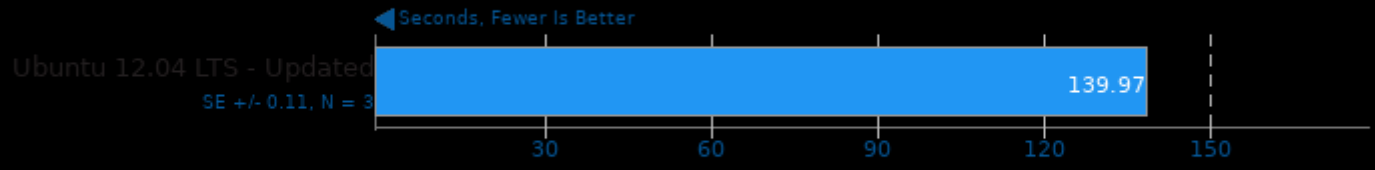
Benchmark: Graceful



1. (CXX) g++ options: -O3 -fomit-frame-pointer -rdynamic -lboost_iostreams-mt -lz -lbz2

Minion 0.12

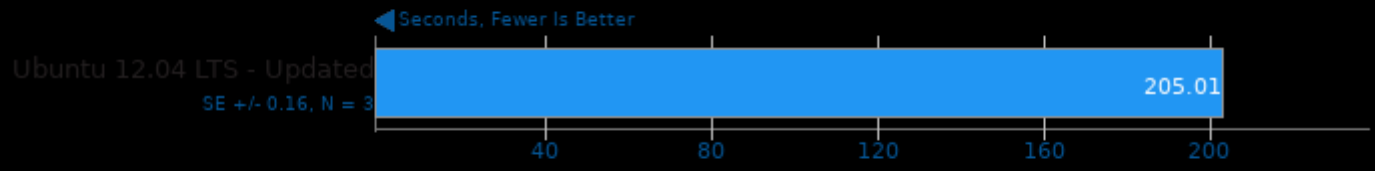
Benchmark: Solitaire



1. (CXX) g++ options: -O3 -fomit-frame-pointer -rdynamic -lboost_iostreams-mt -lz -lbz2

Minion 0.12

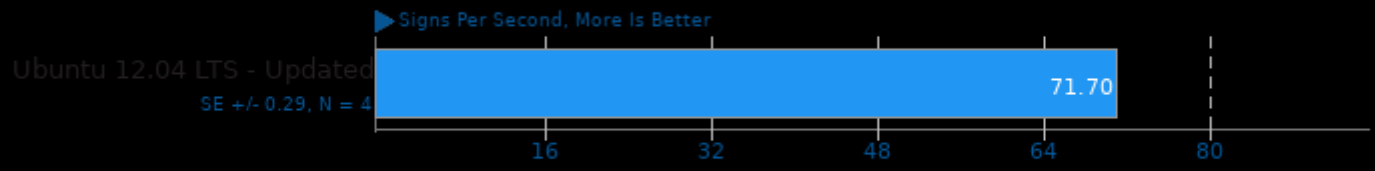
Benchmark: Quasigroup



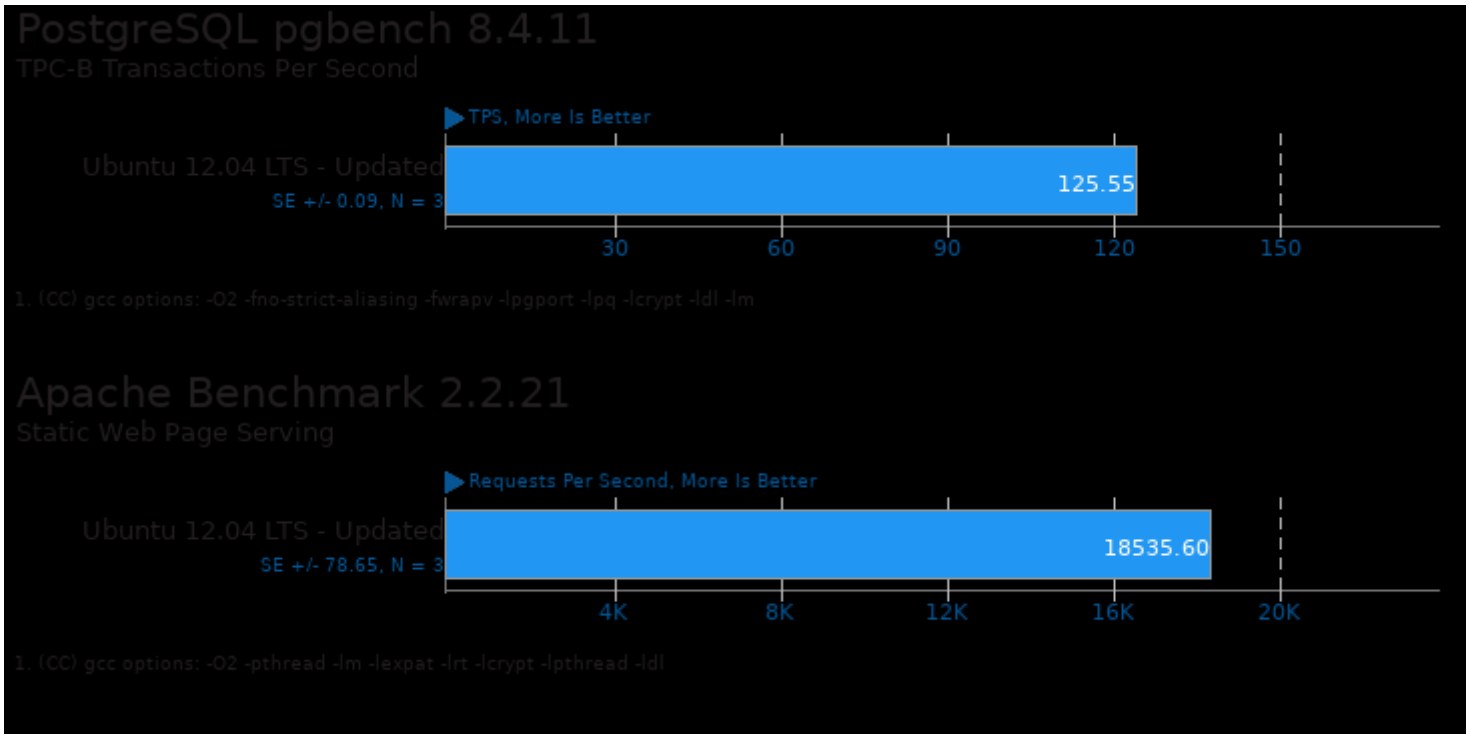
1. (CXX) g++ options: -O3 -fomit-frame-pointer -rdynamic -lboost_iostreams-mt -lz -lbz2

OpenSSL 1.0.0e

RSA 4096-bit Performance



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



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 10:16.