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CPU+GPU

OpenSuseVM

Automated Executive Summary

i72600kgt210 had the most wins, coming in first place for 66% of the tests.

Based on the geometric mean of all complete results, the fastest (Notebook Novo) was 1.514x the speed of the slowest (i72600kgt210).

Test Systems:

Notebook Novo

Processor: Intel Core i7-5500U @ 3.00GHz (4 Cores), Motherboard: Dell 0PYXMC, Chipset: Intel Broadwell-U-OPI, Memory: 8192MB, Disk: 500GB Western Digital WD5000LPVX-7, Graphics: NVIDIA GeForce 830M 2048MB (1084/900MHz), Audio: Intel Broadwell-U Audio, Network: Realtek RTL8111/8168/8411 + Intel Wireless 7265

OS: Ubuntu 15.04, Kernel: 3.19.0-25-generic (x86_64), Desktop: Unity 7.3.2, Display Server: X Server 1.17.1, Display Driver: NVIDIA 346.59, OpenGL: 4.4.0, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1366x768

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Processor Notes: Scaling Governor: intel_pstate powersave
Graphics Notes: SNA

i72600kgt210

Processor: Intel Core i7-2600K @ 3.39GHz (4 Cores), Motherboard: Oracle VirtualBox v1.2, Chipset: Intel 440FX-82441FX PMC, Memory: 8192MB, Disk: 55GB VBOX HDD, Graphics: llvmpipe 8064MB, Audio: Intel 82801AA AC 97 Audio, Monitor: VBOX monitor, Network: Intel 82540EM Gigabit

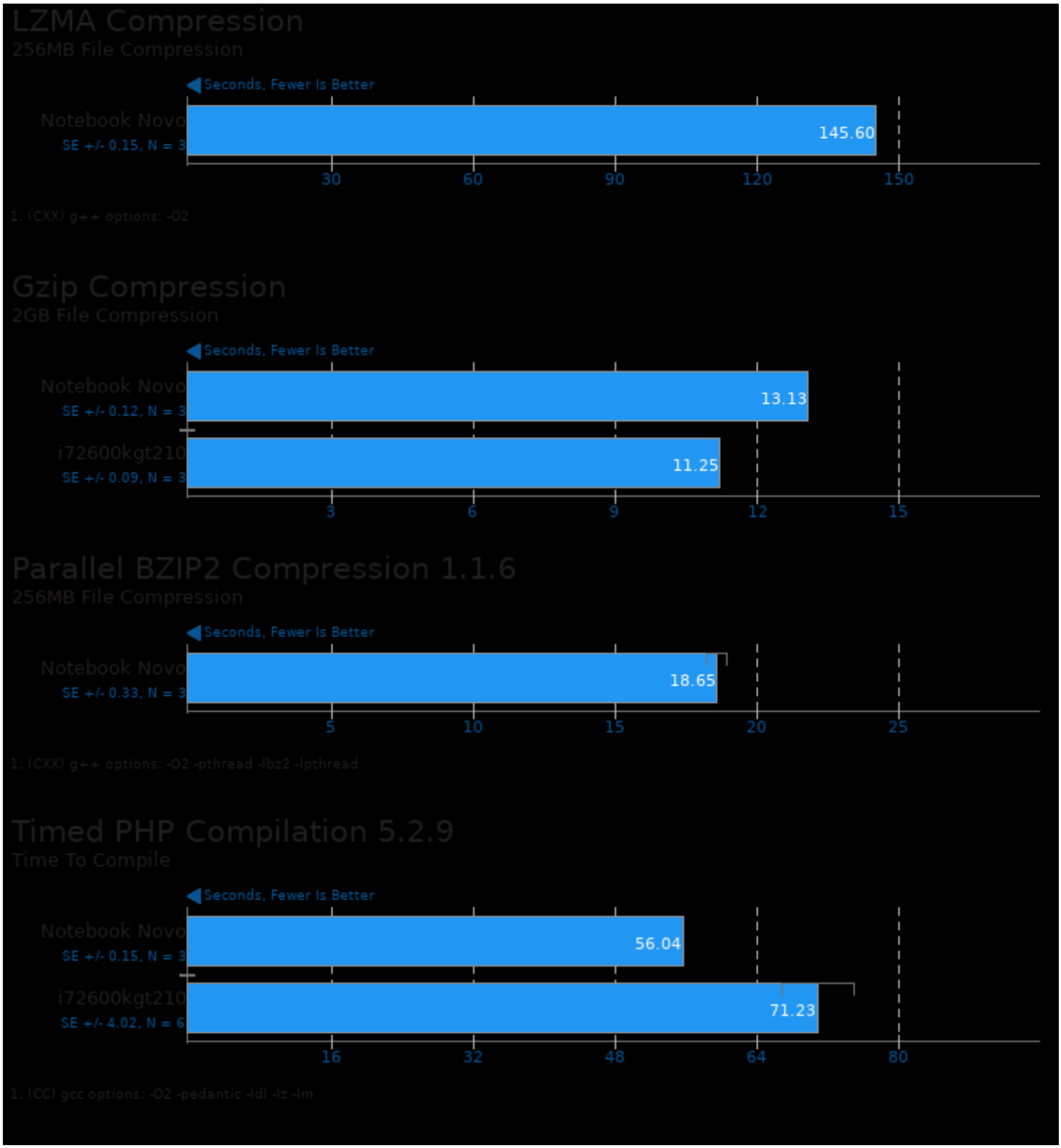
OS: openSUSE Leap 15.1, Kernel: 4.12.14-lp151.28.36-default (x86_64), Desktop: KDE Frameworks 5, Display Server: X Server 1.20.3X Protocol 11 Revision 0Build Operating : openSUSE SUSE LINUXCurrent Operating : Linux linux-a1ye 4.12.14-lp151.28.36-default #1 SMP Fri Dec 6 13:50:27 UTC 2019 (8f4a495) x86_64Kernel command line: BOOT_IMAGE=/boot/vmlinuz-4.12.14-lp151.28.36-default root=UUID=a4403c22-73b7-4ec0-8c82-16f76f59efe1 splash=silent resume=/dev/disk/by-id/ata-VBOX_HDD_VB70c7ed62-cb316406-part3 mitigations=auto quiet, Display Driver: modesetting 1.20.3, OpenGL: 3.3 Mesa 18.3.2 (LLVM 7.0 256 bits), Compiler: GCC 7.5.0, File-System: btrfs, Screen Resolution: 1920x1080, System Layer: Oracle VirtualBox

Compiler Notes: --build=x86_64-suse-linux --disable-libcc1 --disable-libssp --disable-libstdcxx-pch --disable-libvtv --disable-plugin --disable-werror --enable-checking=release --enable-gnu-indirect-function --enable-languages=c,c++,objc,fortran,obj-c++,ada,go --enable-libstdcxx-allocator=new --enable-linux-futex --enable-multilib --enable-offload-targets=hsa,nvptx-none=/usr/nvptx-none, --enable-ssp --enable-version-specific-runtime-libs --host=x86_64-suse-linux --mandir=/usr/share/man --with-arch-32=x86-64 --with-gcc-major-version-only --with-slibdir=/lib64 --with-tune=generic --without-cuda-driver --without-system-libunwind

	Notebook Novo	i72600kgt210
LZMA Compression - 2.F.C (sec)	145.60	
Standard Deviation	0.2%	
Gzip Compression - 2.F.C (sec)	**13.13**	**11.25**
Normalized	85.68%	100%
Standard Deviation	1.6%	1.4%
Parallel BZIP2 Compression - 2.F.C (sec)	18.65	
Standard Deviation	3.1%	
Timed PHP Compilation - Time To Compile (sec)	**56.04**	**71.23**
Normalized	100%	78.67%
Standard Deviation	0.5%	13.8%
Timed MPlayer Compilation - Time To Compile (sec)	**105.34**	**90.71**
Normalized	86.11%	100%
Standard Deviation	0.6%	8.2%
Timed Linux Kernel Compilation - Time To Compile	260.58	
Standard Deviation	0.4%	
Timed Apache Compilation - Time To Compile (sec)	**56.09**	**45.84**
Normalized	81.73%	100%
Standard Deviation	1.2%	0.6%
7-Zip Compression - C.S.T (MIPS)	**9448**	**11355**
Normalized	83.21%	100%
Standard Deviation	4%	1.5%

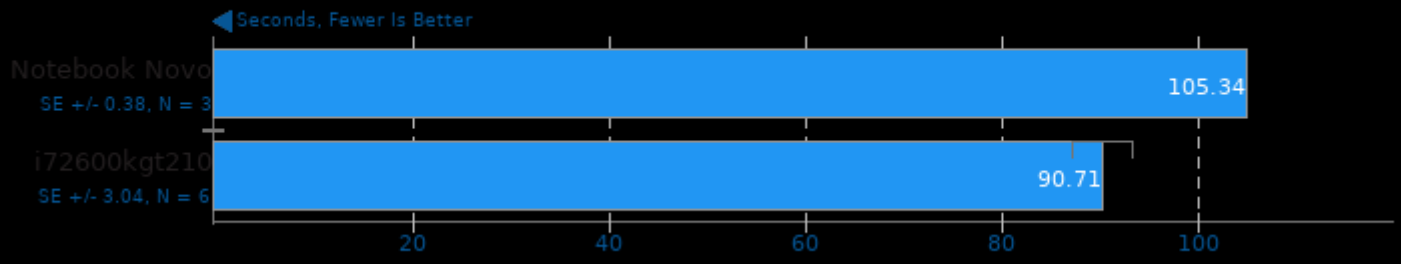
CPU+GPU

Unigine Tropics - 1366 x 768 (FPS)	45.35	
Standard Deviation	0.1%	
Unigine Sanctuary - 1366 x 768 (FPS)	54.84	
Standard Deviation	0.1%	
Unigine Heaven - 1366 x 768 (FPS)	**19.08**	**1.01**
Normalized	100%	5.29%
Standard Deviation	0.3%	0%


LZMA Compression
256MB File Compression
Seconds, Fewer Is Better
Notebook Novo
SE +/- 0.15, N = 3
145.60
30
60
90
120
150
1. (CXX) g++ options: -O2
Gzip Compression
2GB File Compression
Seconds, Fewer Is Better
Notebook Novo
SE +/- 0.12, N = 3
13.13
i72600kgt210
SE +/- 0.09, N = 3
11.25
3
6
9
12
15
Parallel BZIP2 Compression 1.1.6
256MB File Compression
Seconds, Fewer Is Better
Notebook Novo
SE +/- 0.33, N = 3
18.65
5
10
15
20
25
1. (CXX) g++ options: -O2 -pthread -lbz2 -lpthread
Timed PHP Compilation 5.2.9
Time To Compile
Seconds, Fewer Is Better
Notebook Novo
SE +/- 0.15, N = 3
56.04
i72600kgt210
SE +/- 4.02, N = 6
71.23
16
32
48
64
80
1. (CC) gcc options: -O2 -pedantic -ldl -lz -lm

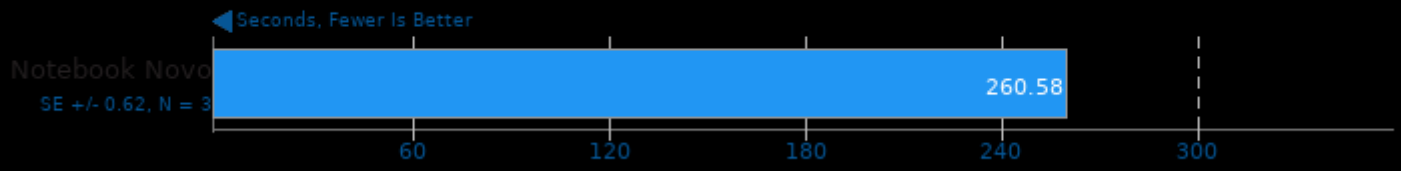
Timed MPlayer Compilation 1.0-rc3

Time To Compile



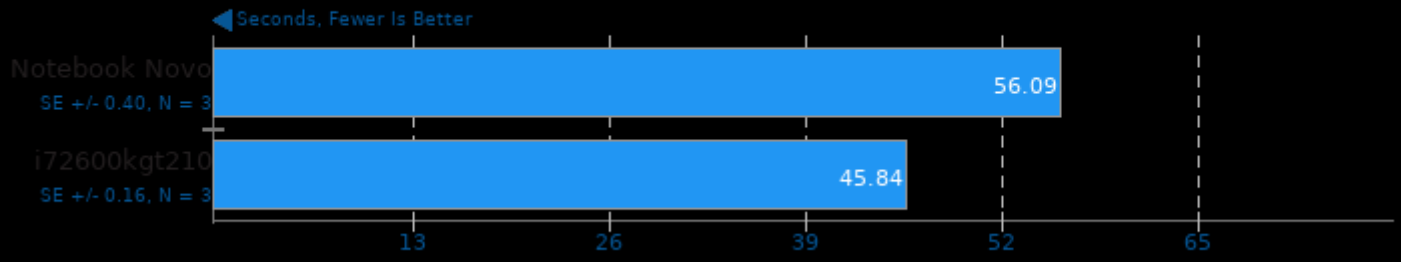
Timed Linux Kernel Compilation 3.18-rc6

Time To Compile



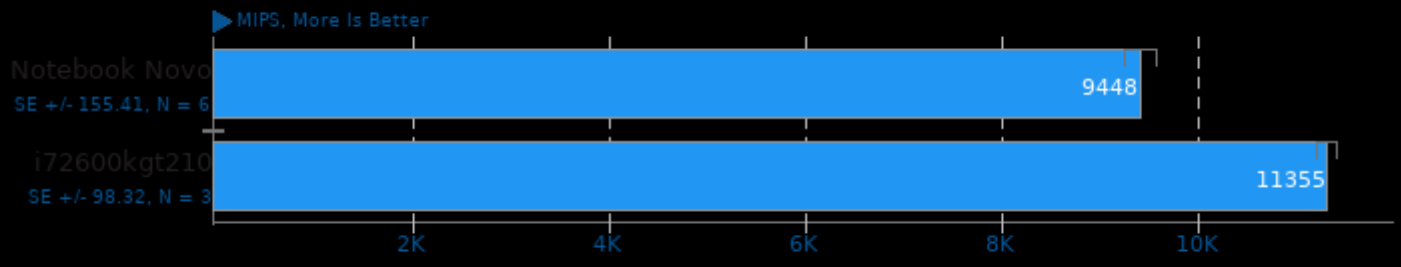
Timed Apache Compilation 2.4.7

Time To Compile



7-Zip Compression 9.20.1

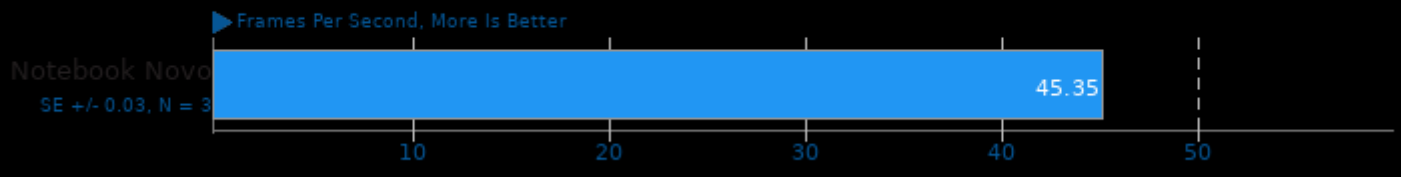
Compress Speed Test

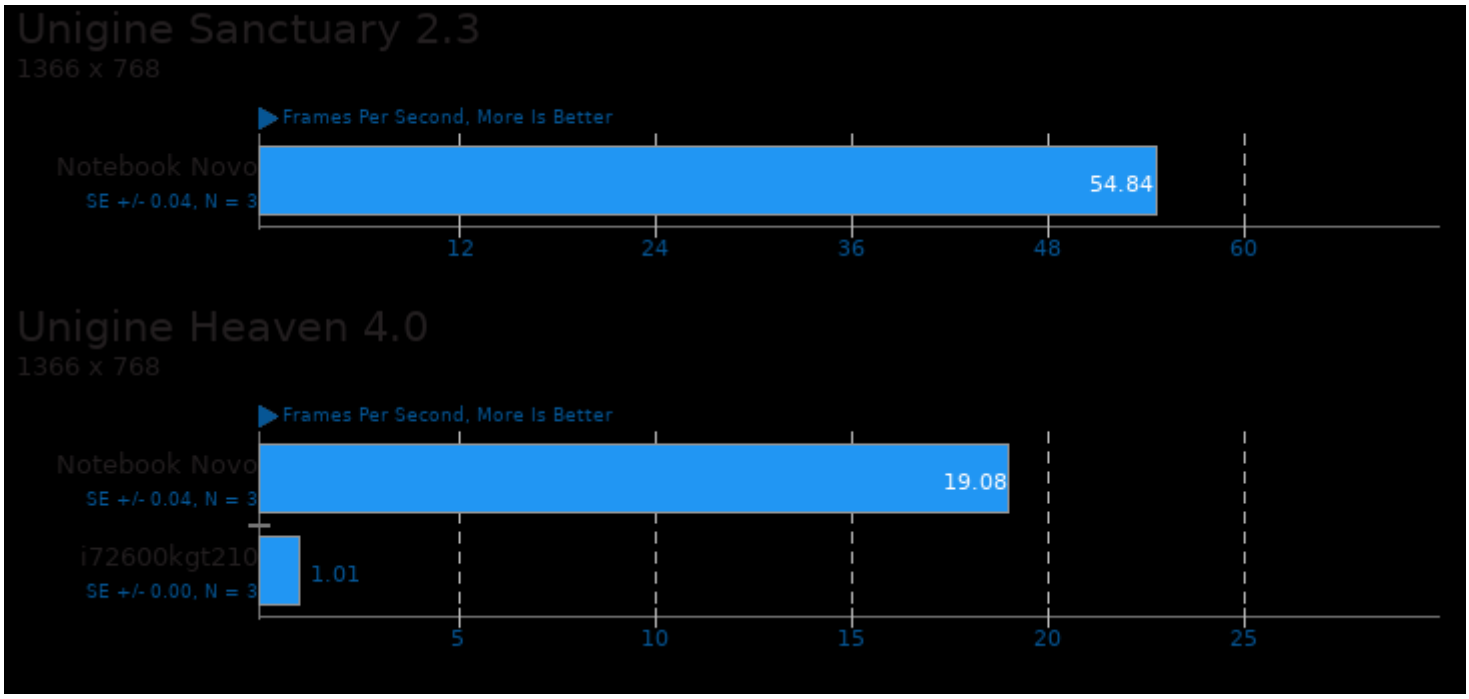


1. (CXX) g++ options: -pipe -lpthread

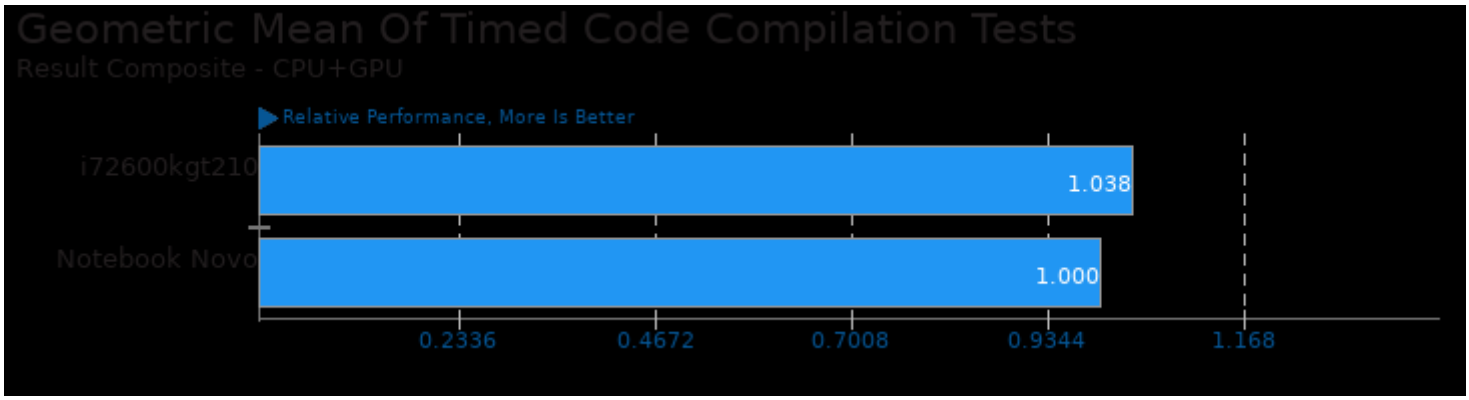
Unigine Tropics 1.3

1366 x 768

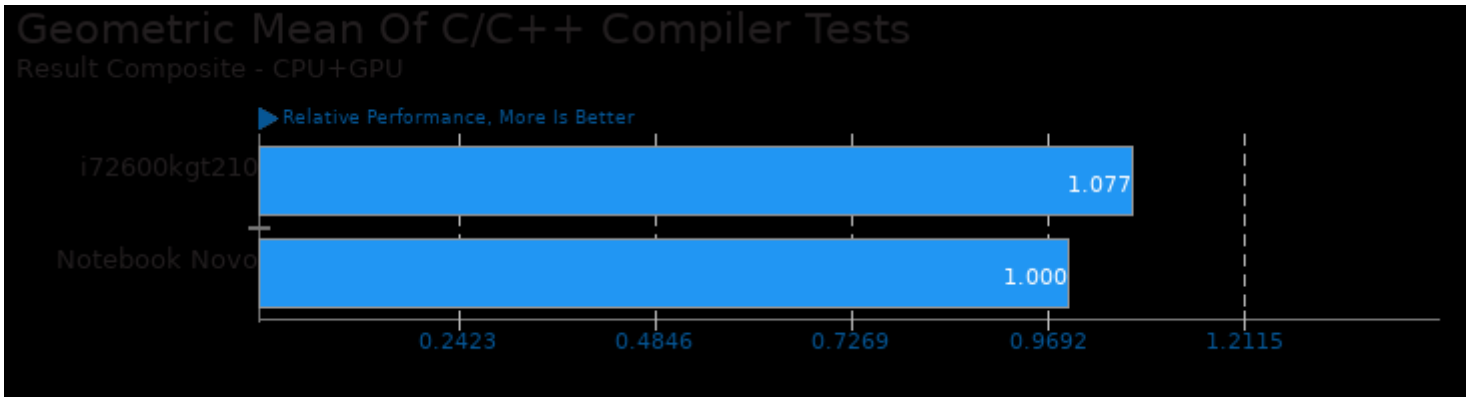



Unigine Sanctuary 2.3
1366 x 768
Frames Per Second, More Is Better
Notebook Novo
SE +/- 0.04, N = 3
54.84
12
24
36
48
60
Unigine Heaven 4.0
1366 x 768
Frames Per Second, More Is Better
Notebook Novo
SE +/- 0.04, N = 3
19.08
i72600kgt210
SE +/- 0.00, N = 3
1.01
5
10
15
20
25

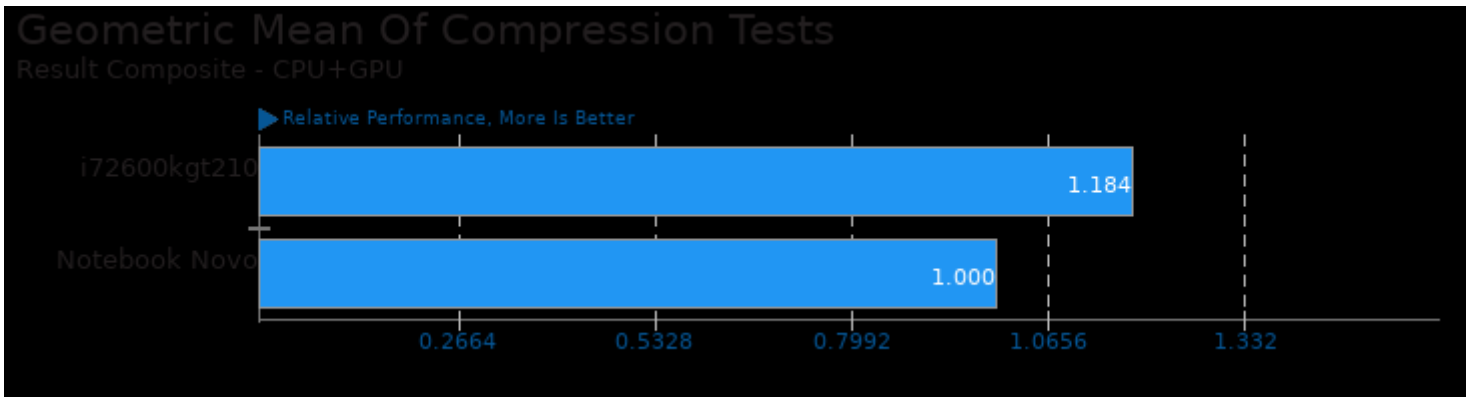
These geometric means are based upon test groupings / test suites for this result file.



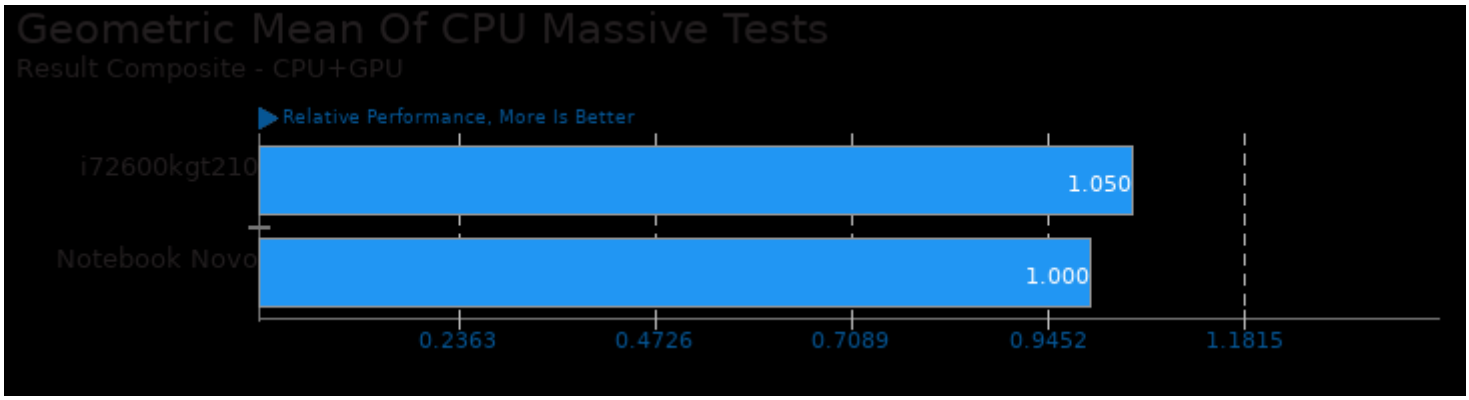
Geometric mean based upon tests: pts/build-apache, pts/build-php, pts/build-linux-kernel and pts/build-mplayer



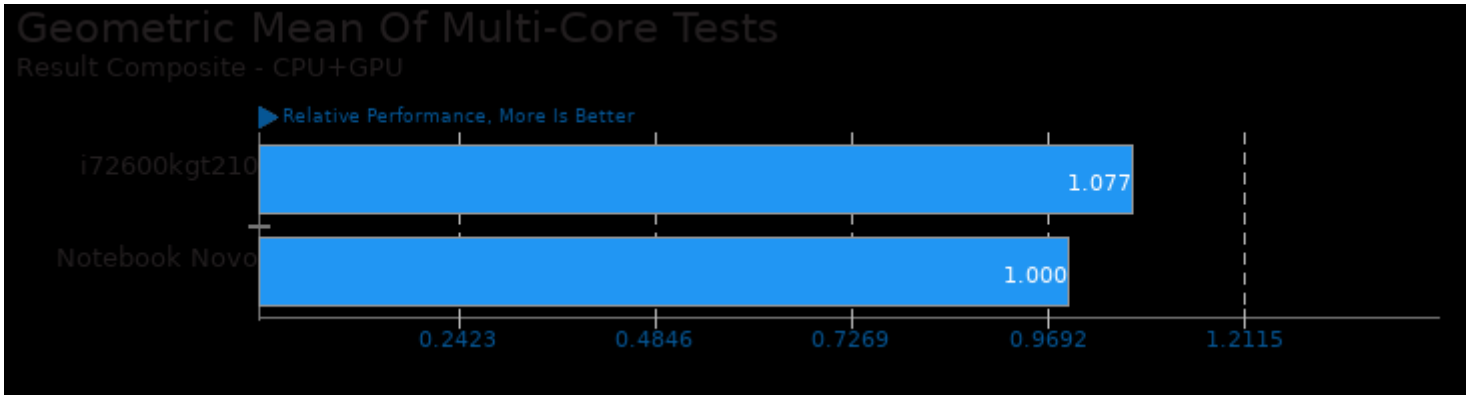
Geometric mean based upon tests: pts/build-php, pts/compress-7zip, pts/build-apache and pts/build-mplayer



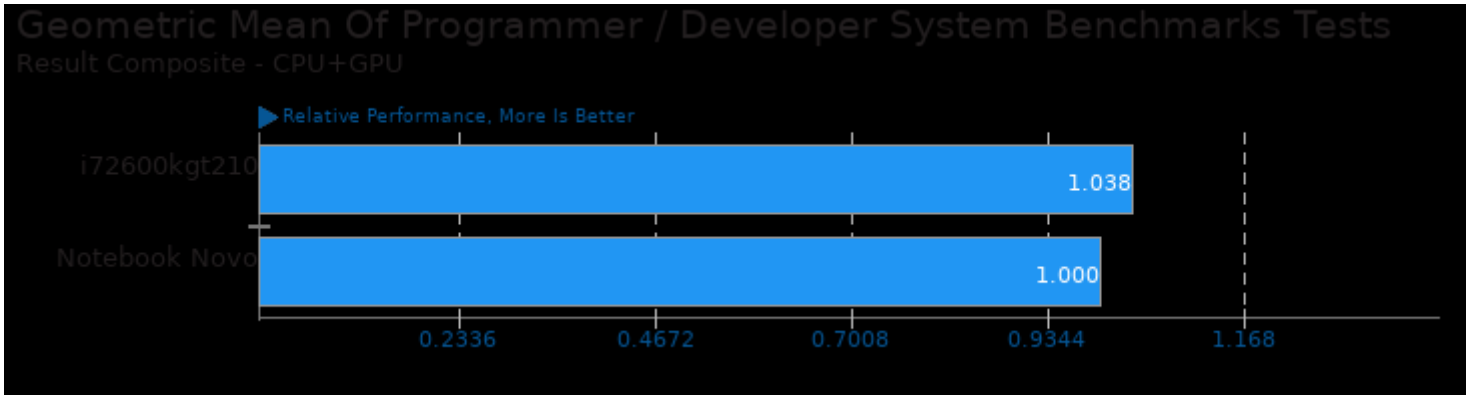
Geometric mean based upon tests: pts/compress-7zip, pts/compress-gzip and pts/compress-pbzip2



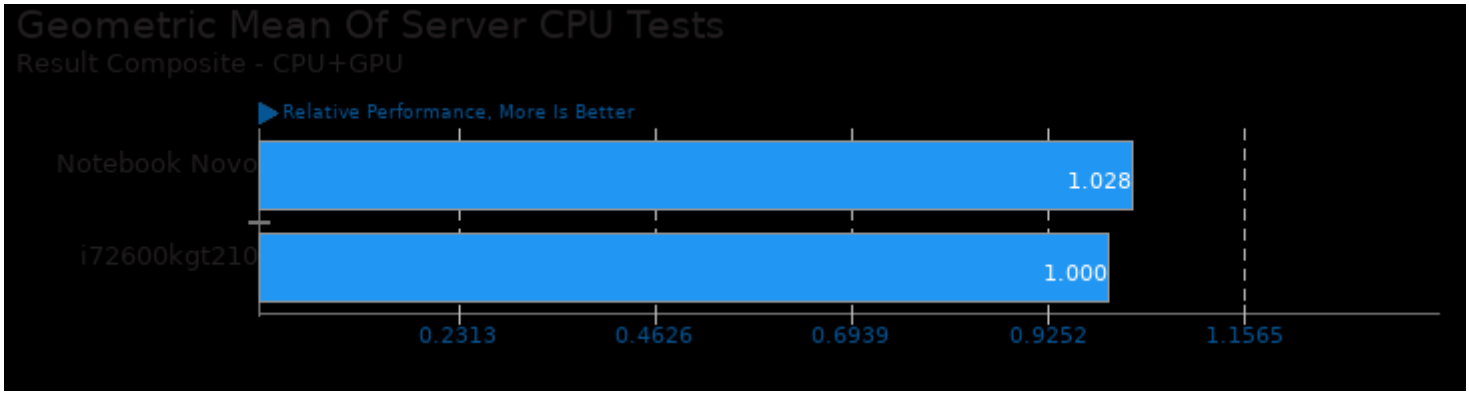
Geometric mean based upon tests: pts/build-apache, pts/build-linux-kernel, pts/build-php, pts/compress-7zip and pts/compress-pbzip2



Geometric mean based upon tests: pts/compress-7zip, pts/compress-pbzip2, pts/build-apache, pts/build-php, pts/build-linux-kernel and pts/build-mplayer



Geometric mean based upon tests: pts/build-apache, pts/build-php, pts/build-linux-kernel and pts/build-mplayer



CPU+GPU

Geometric mean based upon tests: pts/compress-7zip, pts/build-linux-kernel and pts/build-php

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 14:30.