www.phoronix-test-suite.com

xps13

Intel Core i7-6560U testing with a Dell 09JHRY and Intel Iris 540 3072MB on openSUSE 20180110 via the Phoronix Test Suite.

Test Systems:

TW20180109

TW20180109R2

Processor: Intel Core i7-6560U @ 3.20GHz (2 Cores / 4 Threads), Motherboard: Dell 09JHRY, Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 16384MB, Disk: Samsung SSD 950 PRO 512GB, Graphics: Intel Iris 540 3072MB (1050MHz), Audio: Realtek ALC3246, Network: Intel Wireless 8260

OS: openSUSE 20180109, Kernel: 4.14.12-1-default (x86_64), Desktop: GNOME Shell 3.26.2, Display Server: X Server 1.19.5, Display Driver: intel 2.99.917, OpenGL: 4.5 Mesa 17.2.6, OpenCL: OpenCL 2.0 pocl 0.14 LLVM 4.0.1 + OpenCL 1.1 Mesa 17.2.6, Compiler: GCC 7.2.1 20171020 [gcc-7-branch revision 253932] + Clang 4.0.1 (SVN 305264), File-System: btrfs, Screen Resolution: 3200x1800

Disk Notes: NONE / relatime,rw,space_cache,ssd,subvol=/@/home,subvolid=262
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Python 2.7.14. This was running on battery power.

TW20180110

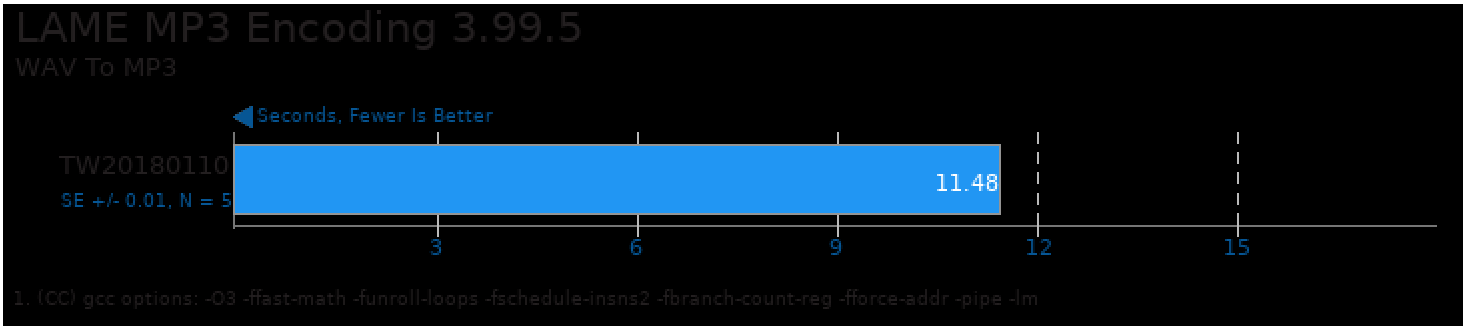
Processor: Intel Core i7-6560U @ 3.20GHz (2 Cores / 4 Threads), Motherboard: Dell 09JHRY, Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 16384MB, Disk: Samsung SSD 950 PRO 512GB, Graphics: Intel Iris 540 3072MB (1050MHz), Audio: Realtek ALC3246, Network: Intel Wireless 8260

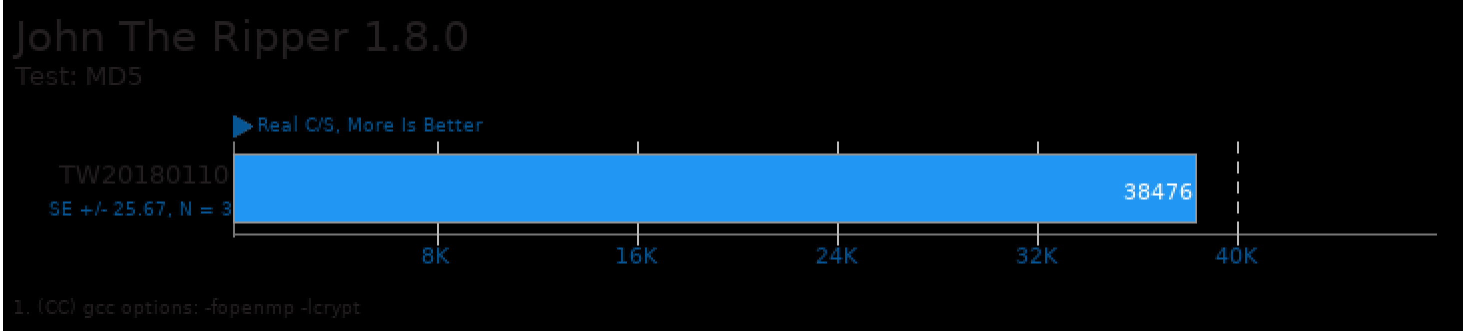
OS: openSUSE 20180110, Kernel: 4.14.12-1-default (x86_64), Desktop: GNOME Shell 3.26.2, Display Server: X Server 1.19.5, Display Driver: intel 2.99.917, OpenGL: 4.5 Mesa 17.2.6, OpenCL: OpenCL 2.0 pocl 0.14 LLVM 4.0.1 + OpenCL 1.1 Mesa 17.2.6, Compiler: GCC 7.2.1 20171020 [gcc-7-branch revision 253932] + Clang 4.0.1 (SVN 305264), File-System: btrfs, Screen Resolution: 3200x1800

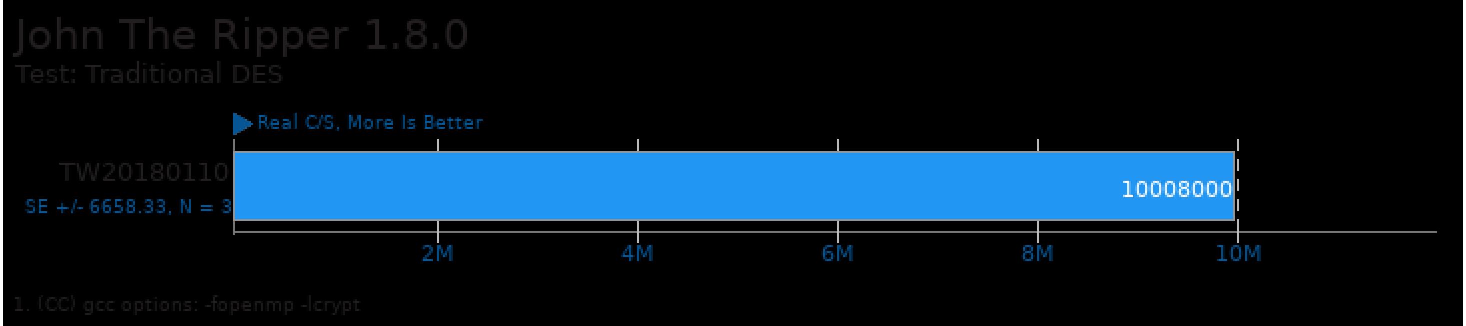
Environment Notes: GJS_DEBUG_OUTPUT=stderr GJS_DEBUG_TOPICS=JS ERROR;JS LOG
Disk Notes: NONE / relatime,rw,space_cache,ssd,subvol=/@/home,subvolid=262
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Python 2.7.14.

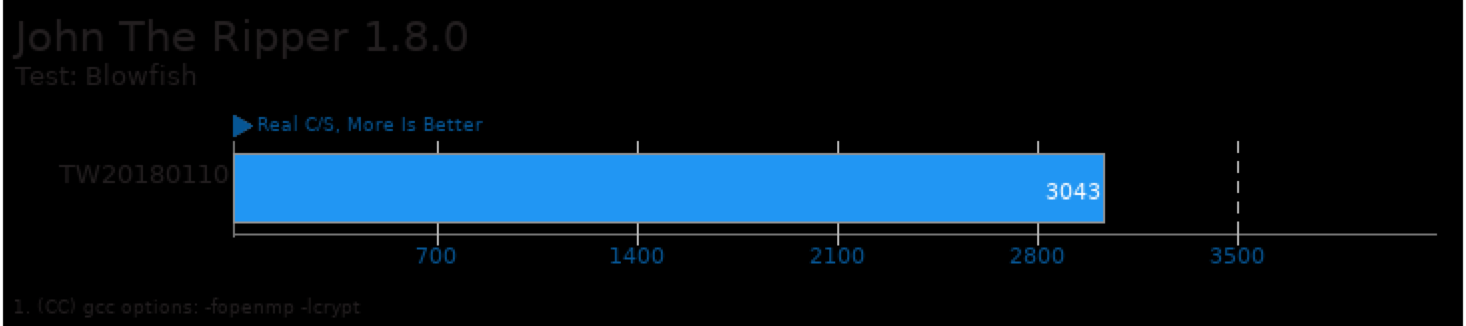
	TW20180109	TW20180109R2	TW20180110
LAME MP3 Encoding - WAV To MP3 (sec)			11.48
Standard Deviation			0.3%
John The Ripper - MD5 (Real C/S)			38476
Standard Deviation			0.1%
John The Ripper - Traditional DES (Real C/S)			10008000
Standard Deviation			0.1%
John The Ripper - Blowfish (Real C/S)			3043
Gzip Compression - 2.F.C (sec)			9.62
Standard Deviation			2.3%
C-Ray - Total Time (sec)			53.84
Standard Deviation			0.2%
Himeno Benchmark - P.P.S (MFLOPS)		1972	1980
Normalized		99.62%	100%
Standard Deviation		1.5%	0.7%
Compile Bench - Read Compiled Tree (MB/s)	1290	1582	1615
Normalized	79.87%	97.94%	100%
Standard Deviation	2.5%	1.2%	0.3%
Compile Bench - Initial Create (MB/s)	170.66	209.40	220.54
Normalized	77.38%	94.95%	100%
Standard Deviation	4.1%	2%	0.9%
Compile Bench - Compile (MB/s)	1421	1718	1731
Normalized	82.09%	99.26%	100%
Standard Deviation	2.4%	2.2%	1.5%

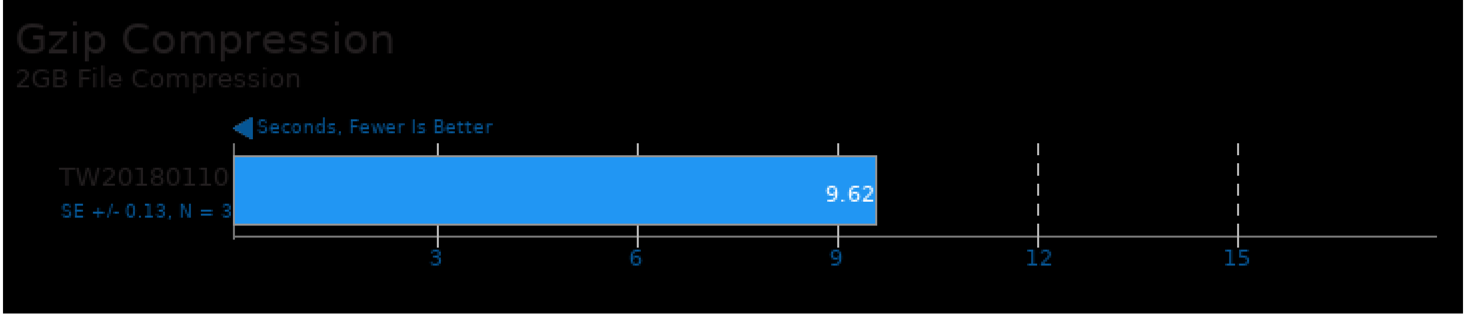
xps13

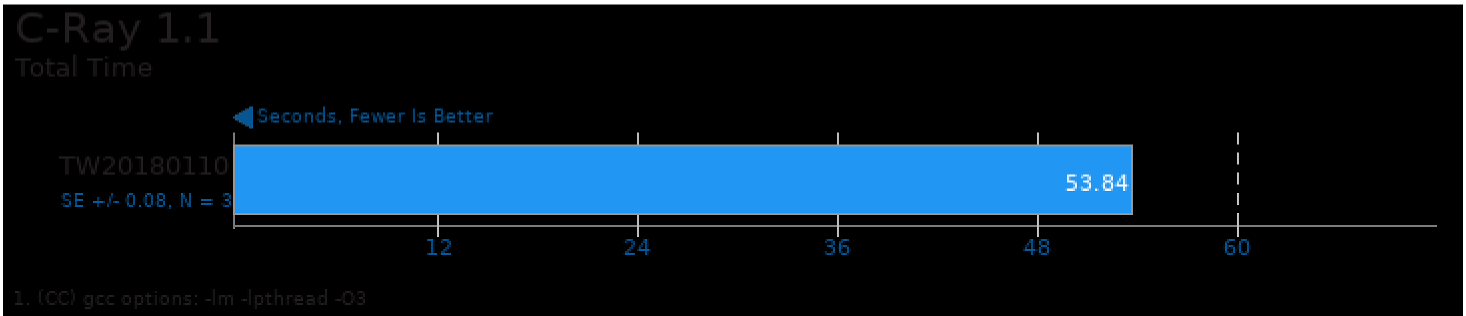

LAME MP3 Encoding 3.99.5
WAV To MP3
Seconds, Fewer Is Better
TW20180110
SE +/- 0.01, N = 5
11.48
3
6
9
12
15
1. (CC) gcc options: -O3 -ffast-math -funroll-loops -fschedule-insns2 -fbranch-count-reg -fforce-addr -pipe -lm

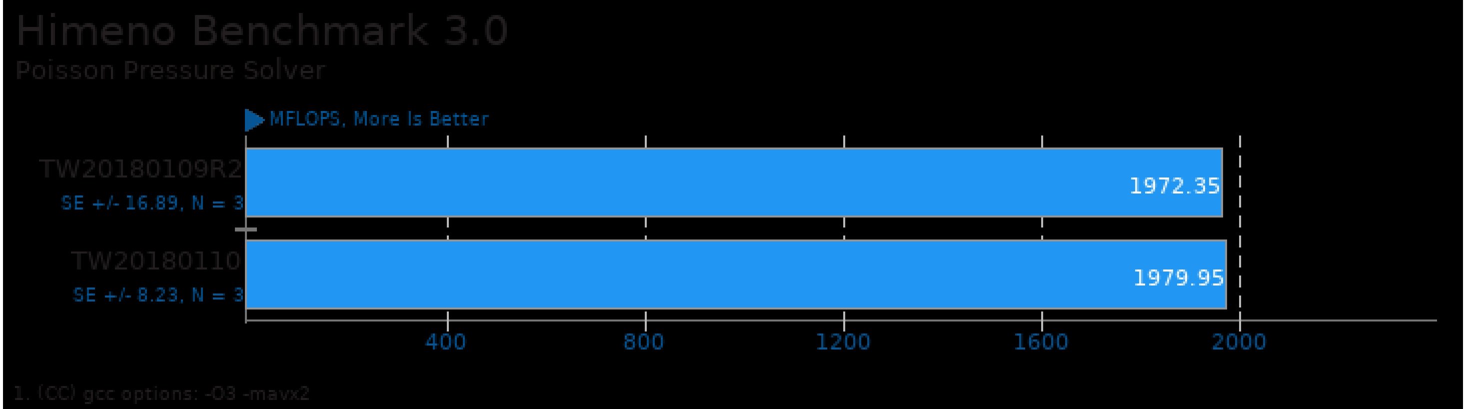

John The Ripper 1.8.0
Test: MD5
Real C/S, More Is Better
TW20180110
SE +/- 25.67, N = 3
38476
8K
16K
24K
32K
40K
1. (CC) gcc options: -fopenmp -lcrypt

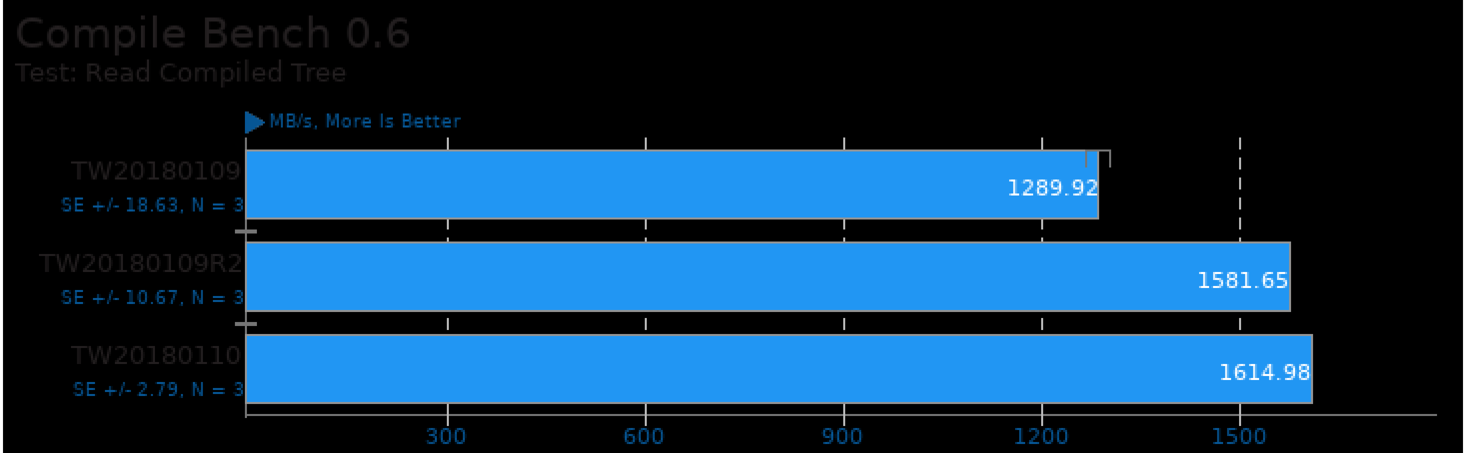

John The Ripper 1.8.0
Test: Traditional DES
Real C/S, More Is Better
TW20180110
SE +/- 6658.33, N = 3
10008000
2M
4M
6M
8M
10M
1. (CC) gcc options: -fopenmp -lcrypt

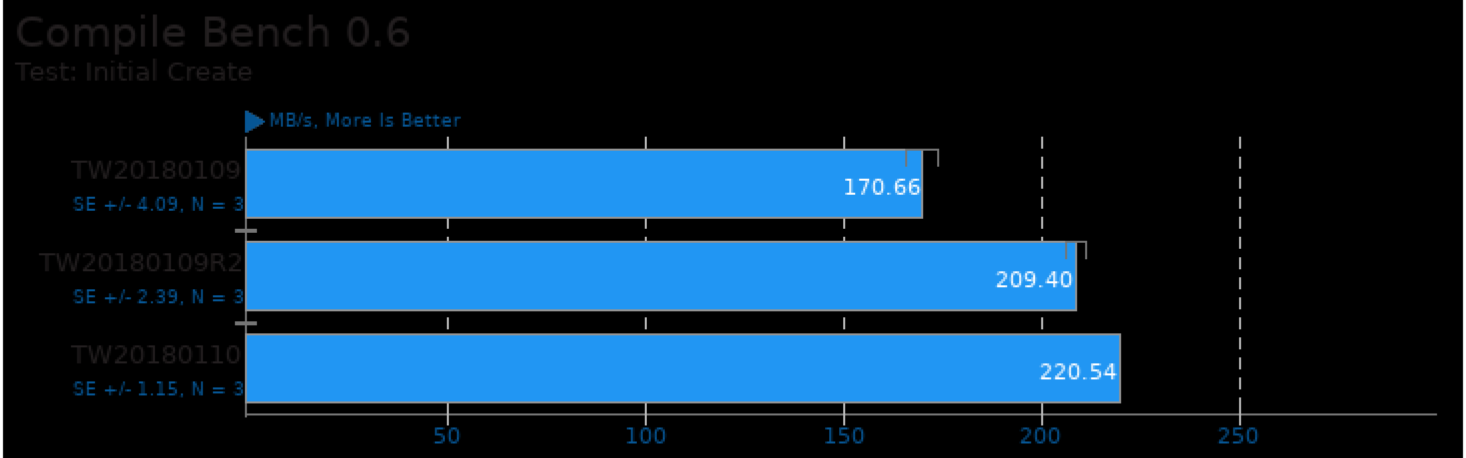

John The Ripper 1.8.0
Test: Blowfish
Real C/S, More Is Better
TW20180110
3043
700
1400
2100
2800
3500
1. (CC) gcc options: -fopenmp -lcrypt


Gzip Compression
2GB File Compression
Seconds, Fewer Is Better
TW20180110
SE +/- 0.13, N = 3
9.62
3
6
9
12
15

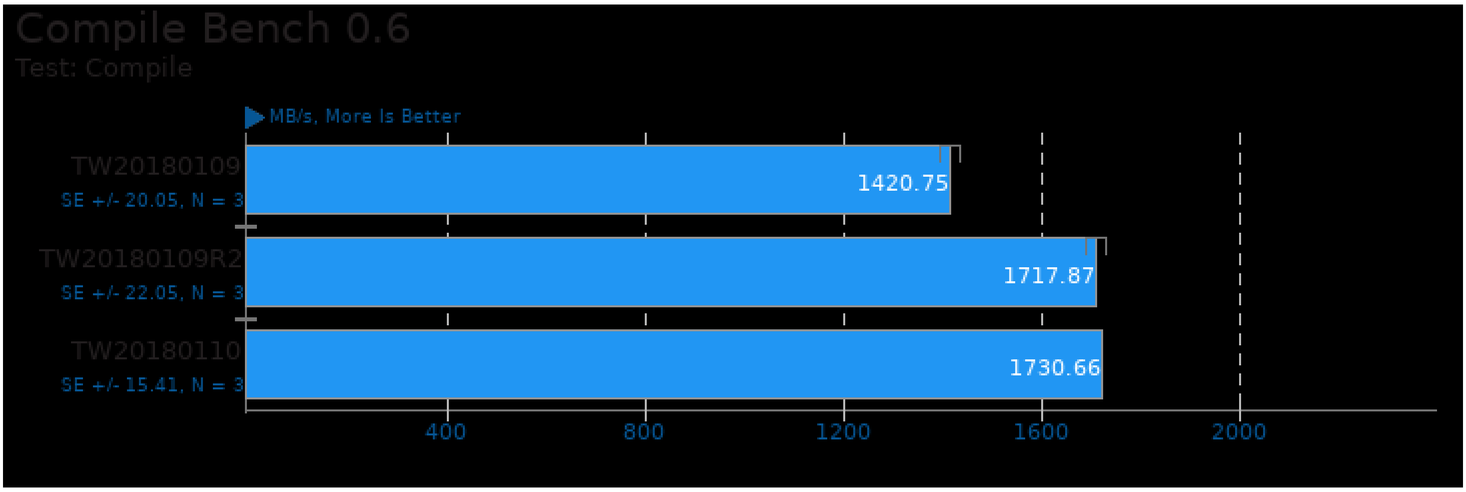

C-Ray 1.1
Total Time
Seconds, Fewer Is Better
TW20180110
SE +/- 0.08, N = 3
53.84
12
24
36
48
60
1. (CC) gcc options: -lm -lpthread -O3


Himeno Benchmark 3.0
Poisson Pressure Solver
MFLOPS, More Is Better
TW20180109R2
SE +/- 16.89, N = 3
1972.35
TW20180110
SE +/- 8.23, N = 3
1979.95
400
800
1200
1600
2000
1. (CC) gcc options: -O3 -mavx2

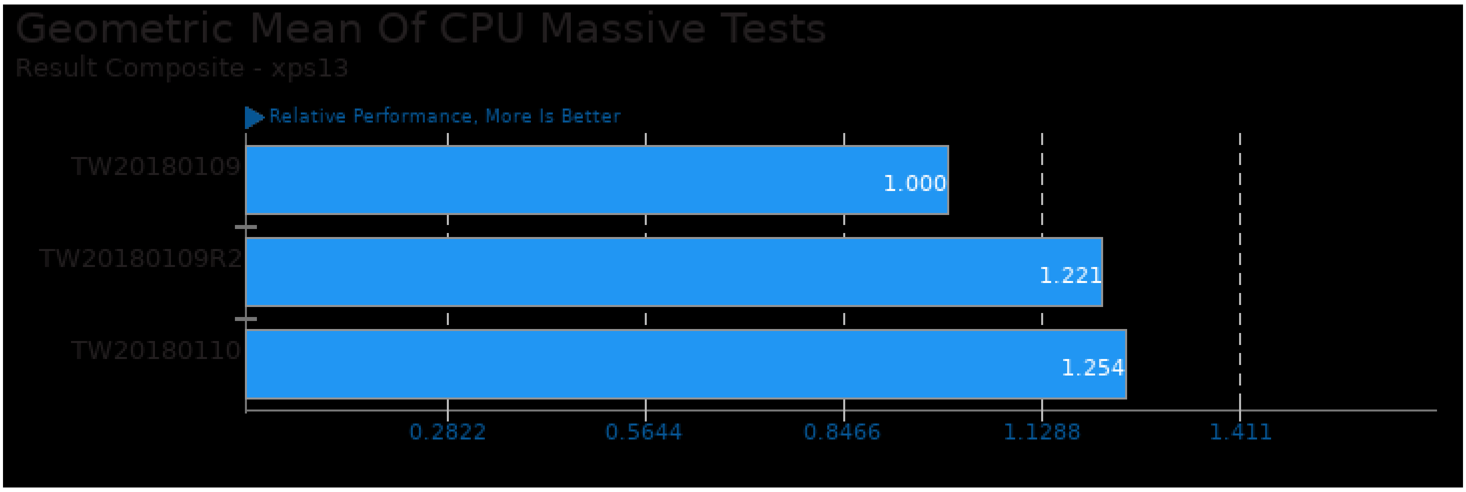

Compile Bench 0.6
Test: Read Compiled Tree
MB/s, More Is Better
TW20180109
SE +/- 18.63, N = 3
1289.92
TW20180109R2
SE +/- 10.67, N = 3
1581.65
TW20180110
SE +/- 2.79, N = 3
1614.98
300
600
900
1200
1500


Compile Bench 0.6
Test: Initial Create
MB/s, More Is Better
TW20180109
SE +/- 4.09, N = 3
170.66
TW20180109R2
SE +/- 2.39, N = 3
209.40
TW20180110
SE +/- 1.15, N = 3
220.54
50
100
150
200
250

xps13


Compile Bench 0.6
Test: Compile
MB/s, More Is Better
TW20180109
SE +/- 20.05, N = 3
1420.75
TW20180109R2
SE +/- 22.05, N = 3
1717.87
TW20180110
SE +/- 15.41, N = 3
1730.66
400
800
1200
1600
2000

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



Geometric mean based upon tests: pts/c-ray, pts/compilebench, pts/encode-mp3, pts/himeno and pts/john-the-ripper

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 06:25.