

www.phoronix-test-suite.com

zone-104

Running pts/iozone-1.8.0, pts/metro2033-redux-1.1.0, pts/openarena-1.5.2, pts/gputest-1.3.1, pts/ramspeed-1.4.0, pts/compress-gzip-1.1.0 via the Phoronix Test Suite.

Automated Executive Summary

kubuntu-15.04-XMP-96dpi had the most wins, coming in first place for 42% of the tests.

Based on the geometric mean of all complete results, the fastest (kubuntu-15.04-XMP-96dpi) was 1.029x the speed of the slowest (kubuntu-15.04). kubuntu-15.04-XMP_enabled was 0.998x the speed of kubuntu-15.04-XMP-96dpi and kubuntu-15.04 was 0.974x the speed of kubuntu-15.04-XMP_enabled.

Test Systems:

kubuntu-15.04

kubuntu-15.04-XMP_enabled

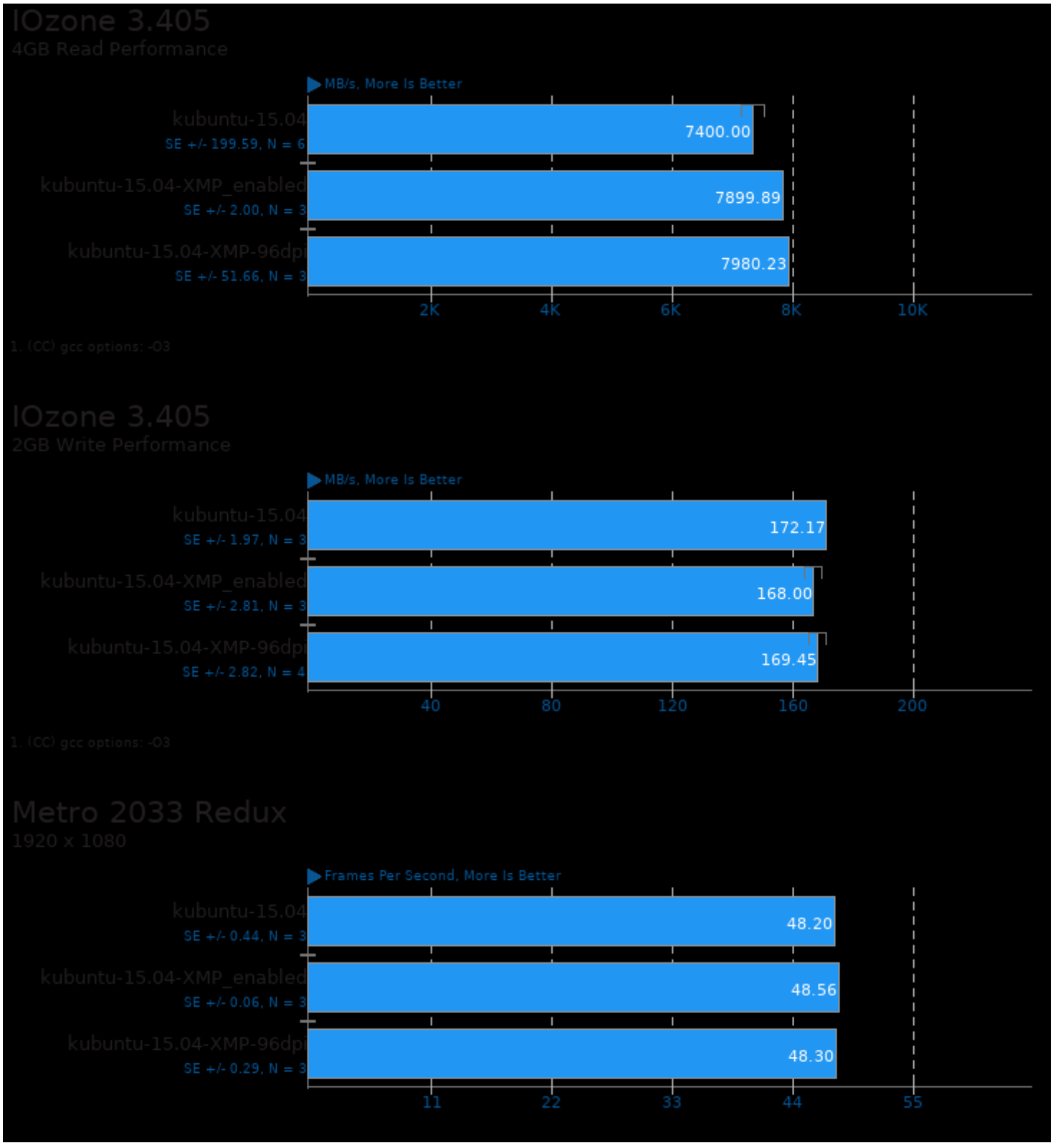
kubuntu-15.04-XMP-96dpi

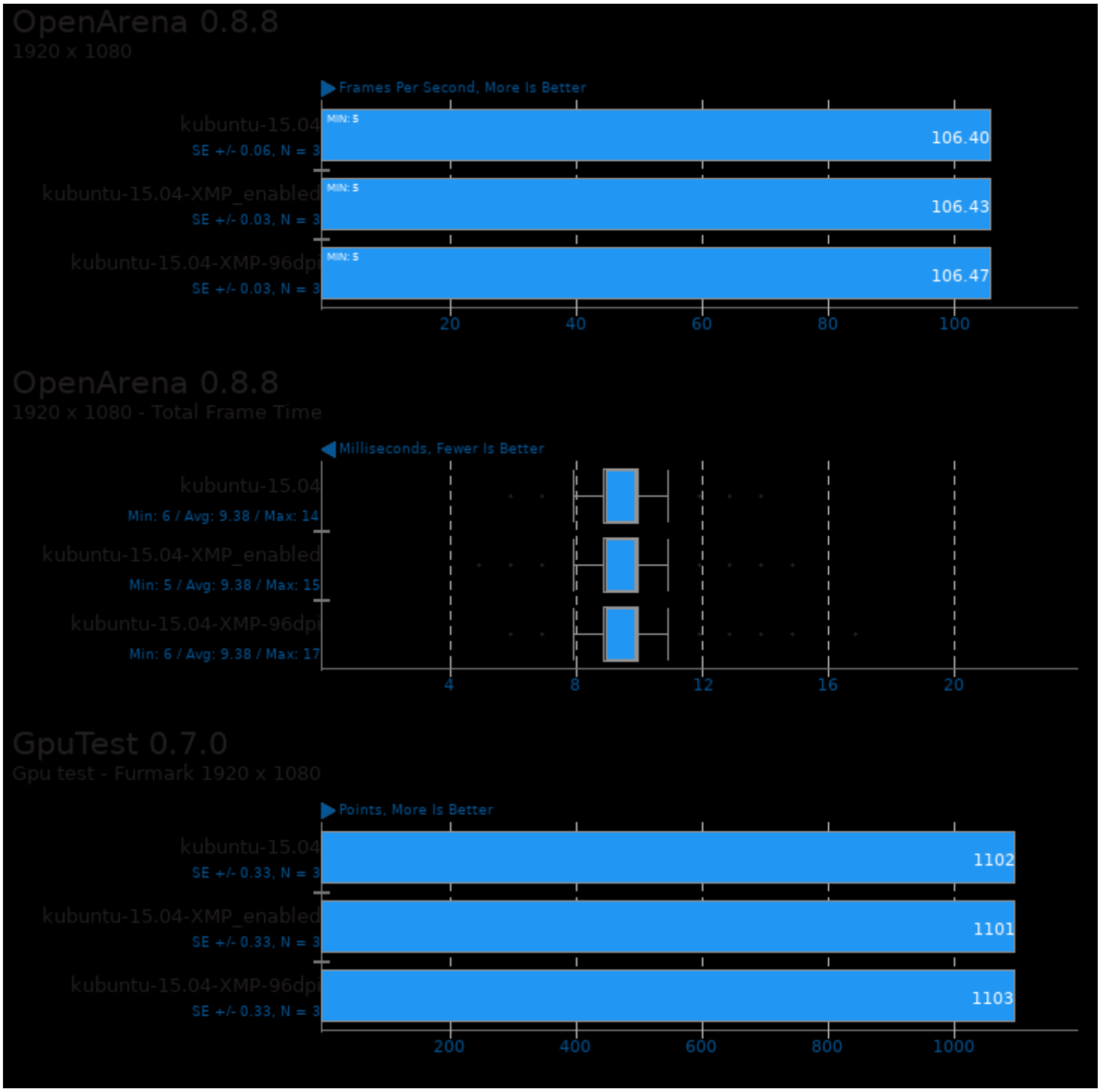
Processor: Intel Core i5-3450 @ 3.50GHz (4 Cores), Motherboard: MSI Z77A-G43 (MS-7758) v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 8192MB, Disk: 2000GB Seagate ST2000DM001-9YN1 + 2000GB D3 Station, Graphics: MSI NVIDIA GeForce GTS 450 1024MB (783/1804MHz), Audio: Intel 7 /C210, Network: Realtek RTL8111/8168/8411

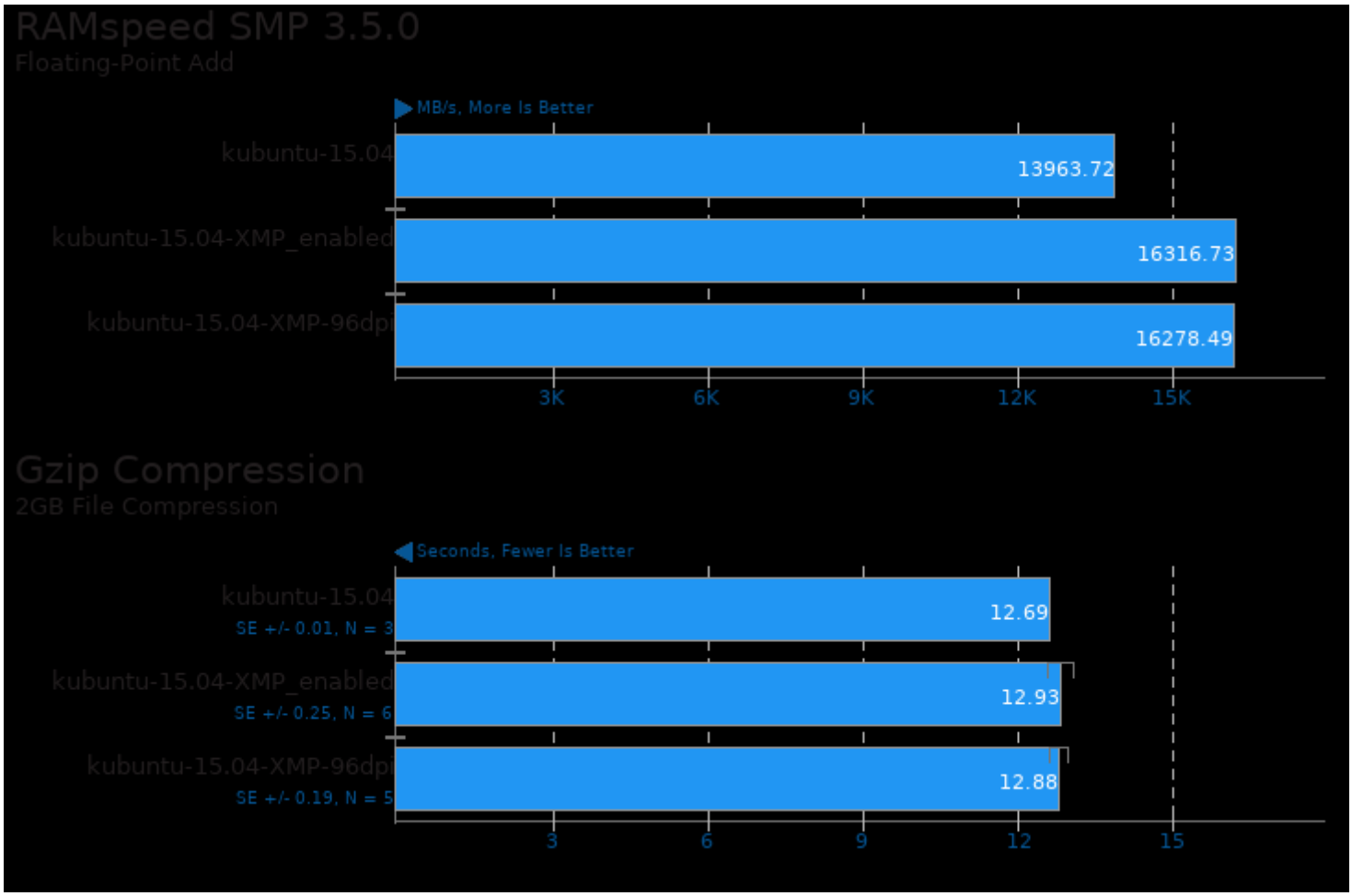
OS: Ubuntu 15.04, Kernel: 3.19.0-21-generic (x86_64), Desktop: KDE Frameworks 5, Display Server: X Server 1.17.1, Display Driver: NVIDIA 352.21, OpenGL: 4.4.0, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1920x1080

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
Disk Notes: CFQ / data=ordered,noatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
System Notes: Disk Scheduler: CFQ.

	kubuntu-15.04	kubuntu-15.04-XMP_enabled	kubuntu-15.04-XMP-96dpi
IOzone - 4.R.P (MB/s)	**7400**	7900	**7980**
Normalized	92.73%	98.99%	100%
Standard Deviation	6.6%	0%	1.1%
IOzone - 2.W.P (MB/s)	**172.17**	**168.00**	169.45
Normalized	100%	97.58%	98.42%
Standard Deviation	2%	2.9%	3.3%
Metro 2033 Redux - 1920 x 1080 (FPS)	**48.20**	**48.56**	48.30
Normalized	99.26%	100%	99.46%
Standard Deviation	1.6%	0.2%	1.1%
OpenArena - 1920 x 1080 (FPS)	**106.40**	106.43	**106.47**
Normalized	99.93%	99.96%	100%
Standard Deviation	0.1%	0.1%	0.1%
GpuTest - Gpu test - F.1.x.1 (Points)	1102	**1101**	**1103**
Normalized	99.91%	99.82%	100%
Standard Deviation	0.1%	0.1%	0.1%
RAMspeed SMP - Floating-Point Add (MB/s)	**13964**	**16317**	16278
Normalized	85.58%	100%	99.77%
Gzip Compression - 2.F.C (sec)	**12.69**	**12.93**	12.88
Normalized	100%	98.14%	98.52%
Standard Deviation	0.1%	4.7%	3.3%


IOzone 3.405
4GB Read Performance
MB/s, More Is Better
kubuntu-15.04
SE +/- 199.59, N = 6
7400.00
kubuntu-15.04-XMP_enabled
SE +/- 2.00, N = 3
7899.89
kubuntu-15.04-XMP-96dpi
SE +/- 51.66, N = 3
7980.23
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3
IOzone 3.405
2GB Write Performance
MB/s, More Is Better
kubuntu-15.04
SE +/- 1.97, N = 3
172.17
kubuntu-15.04-XMP_enabled
SE +/- 2.81, N = 3
168.00
kubuntu-15.04-XMP-96dpi
SE +/- 2.82, N = 4
169.45
40
80
120
160
200
1. (CC) gcc options: -O3
Metro 2033 Redux
1920 x 1080
Frames Per Second, More Is Better
kubuntu-15.04
SE +/- 0.44, N = 3
48.20
kubuntu-15.04-XMP_enabled
SE +/- 0.06, N = 3
48.56
kubuntu-15.04-XMP-96dpi
SE +/- 0.29, N = 3
48.30
11
22
33
44
55


OpenArena 0.8.8
1920 x 1080
Frames Per Second, More Is Better
kubuntu-15.04
SE +/- 0.06, N = 3
MIN: 5
106.40
kubuntu-15.04-XMP_enabled
SE +/- 0.03, N = 3
MIN: 5
106.43
kubuntu-15.04-XMP-96dpi
SE +/- 0.03, N = 3
MIN: 5
106.47
20
40
60
80
100
OpenArena 0.8.8
1920 x 1080 - Total Frame Time
Milliseconds, Fewer Is Better
kubuntu-15.04
Min: 6 / Avg: 9.38 / Max: 14
kubuntu-15.04-XMP_enabled
Min: 5 / Avg: 9.38 / Max: 15
kubuntu-15.04-XMP-96dpi
Min: 6 / Avg: 9.38 / Max: 17
4
8
12
16
20
GpuTest 0.7.0
Gpu test - Furmark 1920 x 1080
Points, More Is Better
kubuntu-15.04
SE +/- 0.33, N = 3
1102
kubuntu-15.04-XMP_enabled
SE +/- 0.33, N = 3
1101
kubuntu-15.04-XMP-96dpi
SE +/- 0.33, N = 3
1103
200
400
600
800
1000



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:44.