

www.phoronix-test-suite.com

ubuntu-asked-tests

Intel Core i7-6700HQ testing with a Dell 0N7TVV and NVIDIA GeForce GTX 960M 2048MB on Ubuntu 17.04 via the Phoronix Test Suite.

Test Systems:

Nvidia 381

Processor: Intel Core i7-6700HQ @ 3.50GHz (8 Cores), Motherboard: System76 Oryx Pro, Chipset: Intel Skylake /DRAM, Memory: 24576MB, Disk: 1000GB HGST HTS721010A9 + 250GB Samsung SSD 850, Graphics: NVIDIA GeForce GTX 970M 3072MB (270/324MHz), Audio: Realtek ALC892, Network: Realtek RTL8111/8168/8411 + Intel Wireless 8260

OS: Ubuntu 17.04, Kernel: 4.10.0-20-generic (x86_64), Desktop: Unity 7.5.0, Display Driver: NVIDIA 381.22, OpenGL: 4.5.0, Compiler: GCC 6.3.0 20170406, File-System: ext4, Screen Resolution: 3360x1080

Processor Notes: Scaling Governor: intel_pstate powersave

11.5.2107

Processor: Intel Core i7-6700HQ @ 3.50GHz (8 Cores), Motherboard: Acer Aspire VN7-592G, Chipset: Intel Skylake /DRAM, Memory: 16384MB, Disk: 250GB Samsung SSD 840, Graphics: NVIDIA GeForce GTX 960M 4096MB (154/405MHz), Audio: Realtek ALC255, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros QCA6174 802.11ac Wireless

OS: Ubuntu 17.04, Kernel: 4.10.0-20-generic (x86_64), Desktop: Unity 7.5.0, Display Driver: NVIDIA 381.22, OpenGL: 4.5.0, Compiler: GCC 6.3.0 20170406 + Clang 4.0.0-1ubuntu1, File-System: ext4, Screen Resolution: 1920x1080

Processor Notes: Scaling Governor: intel_pstate powersave

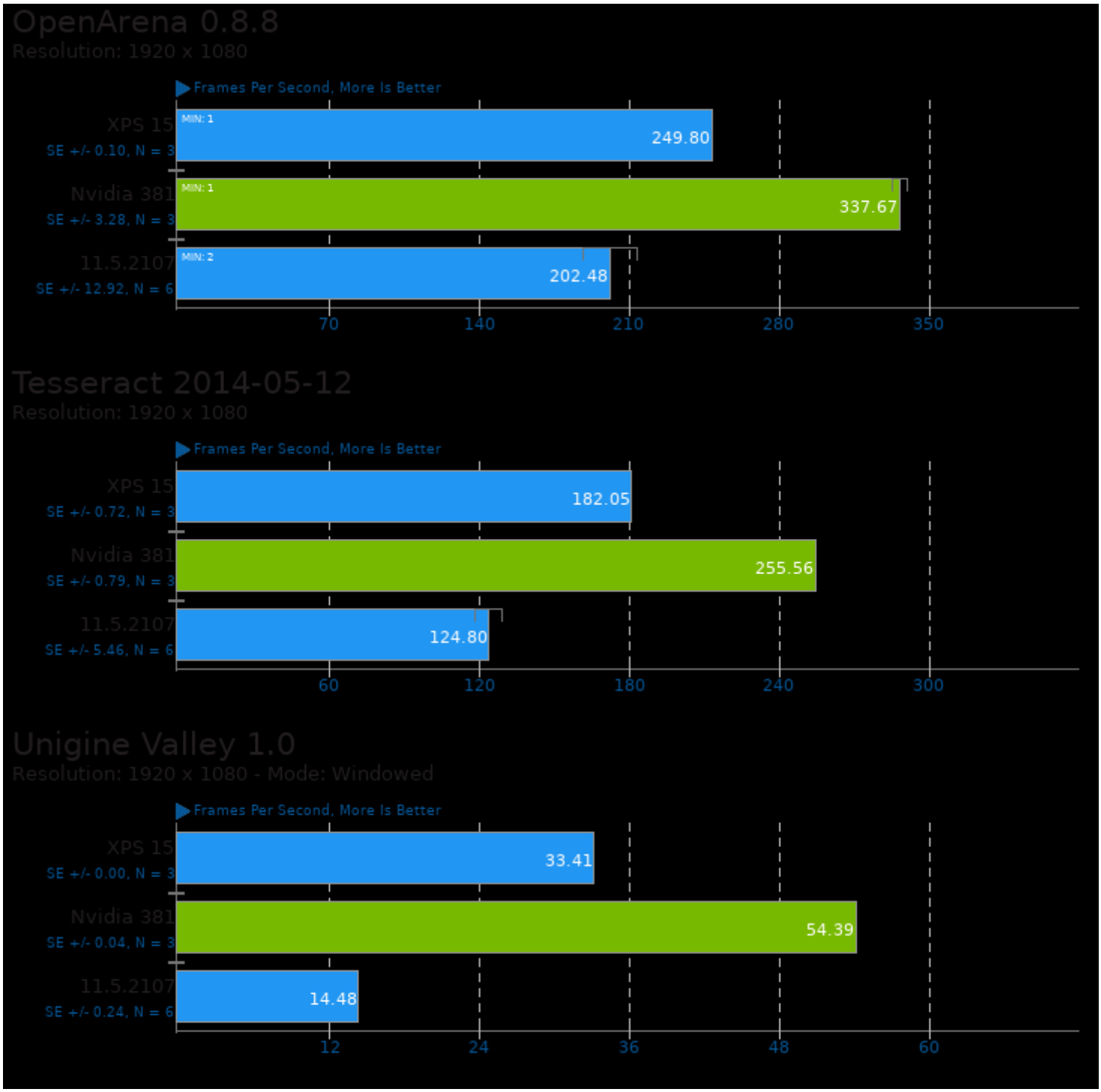
XPS 15

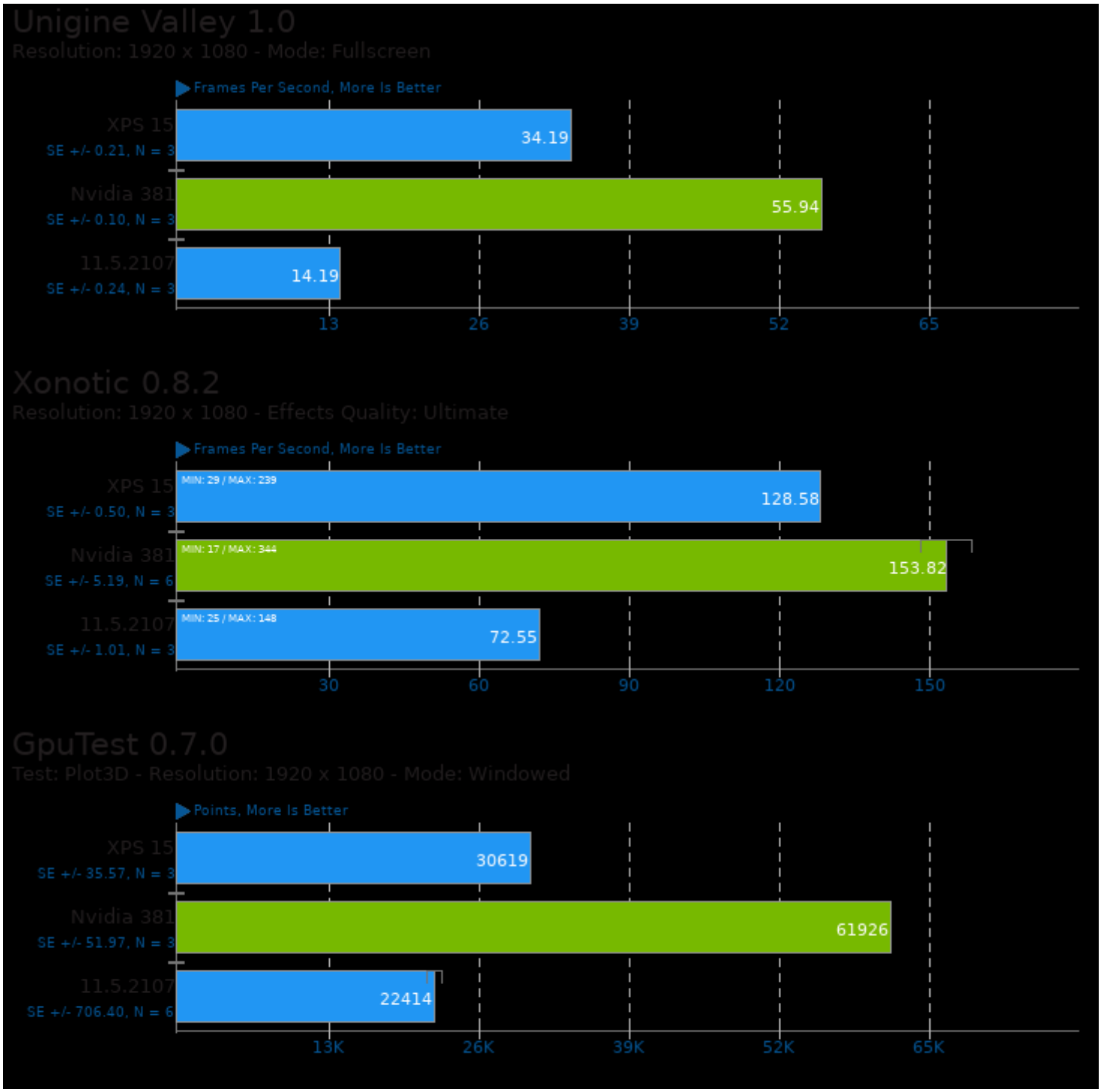
Processor: Intel Core i7-6700HQ @ 3.50GHz (8 Cores), Motherboard: Dell 0N7TVV, Chipset: Intel Skylake, Memory: 16384MB, Disk: THNSN5512GPUK NVMe TOSHIBA 512GB, Graphics: NVIDIA GeForce GTX 960M 2048MB (1032/2505MHz), Audio: Realtek ALC3266, Network: Qualcomm Atheros QCA6174 802.11ac Wireless

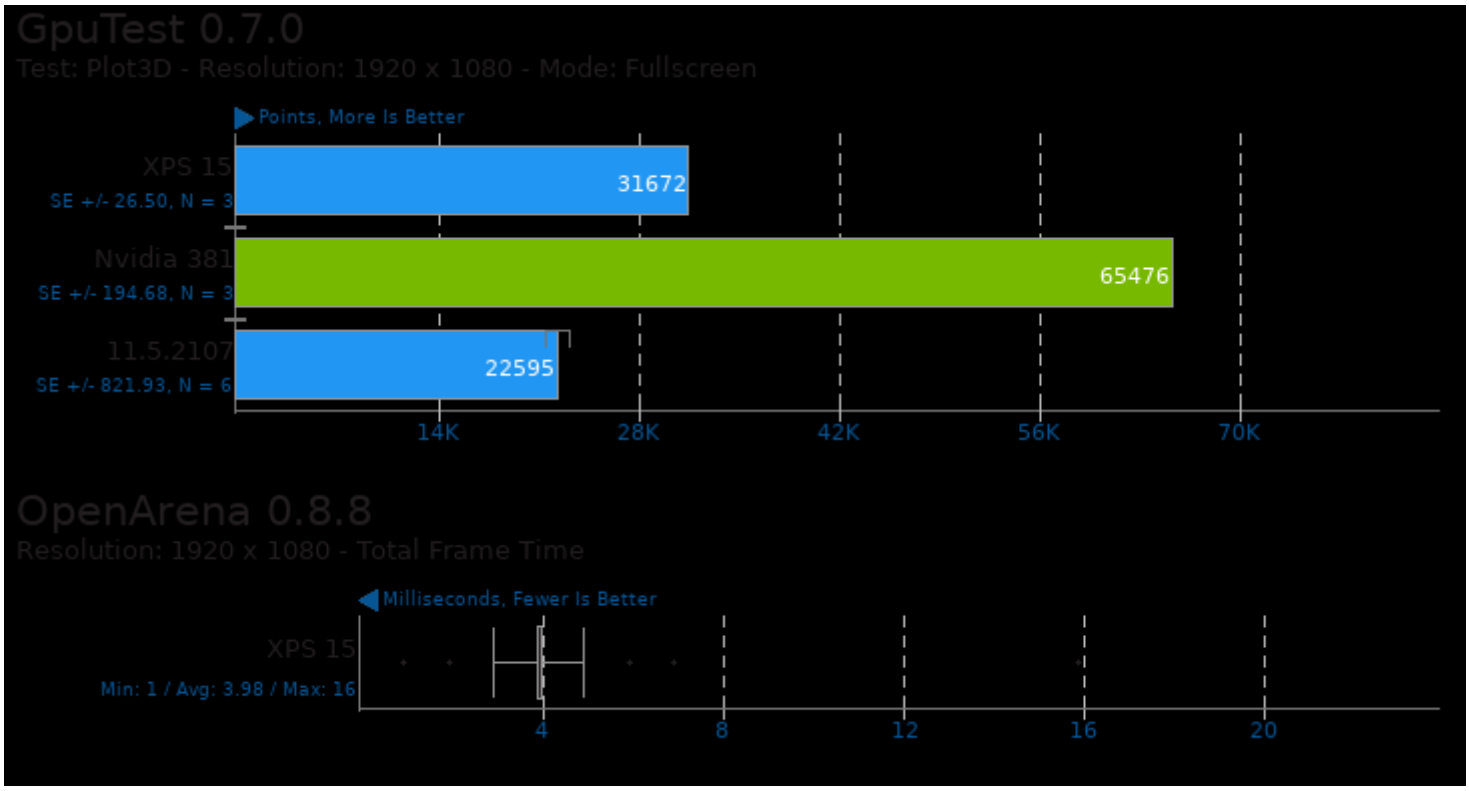
OS: Ubuntu 17.04, Kernel: 4.10.0-20-generic (x86_64), Desktop: Unity 7.5.0, Display Driver: NVIDIA 381.22, OpenGL: 4.5.0, Vulkan: 1.0.42, Compiler: GCC 6.3.0 20170406, File-System: ext4 (ecryptfs), Screen Resolution: 1920x1080

Processor Notes: Scaling Governor: intel_pstate powersave

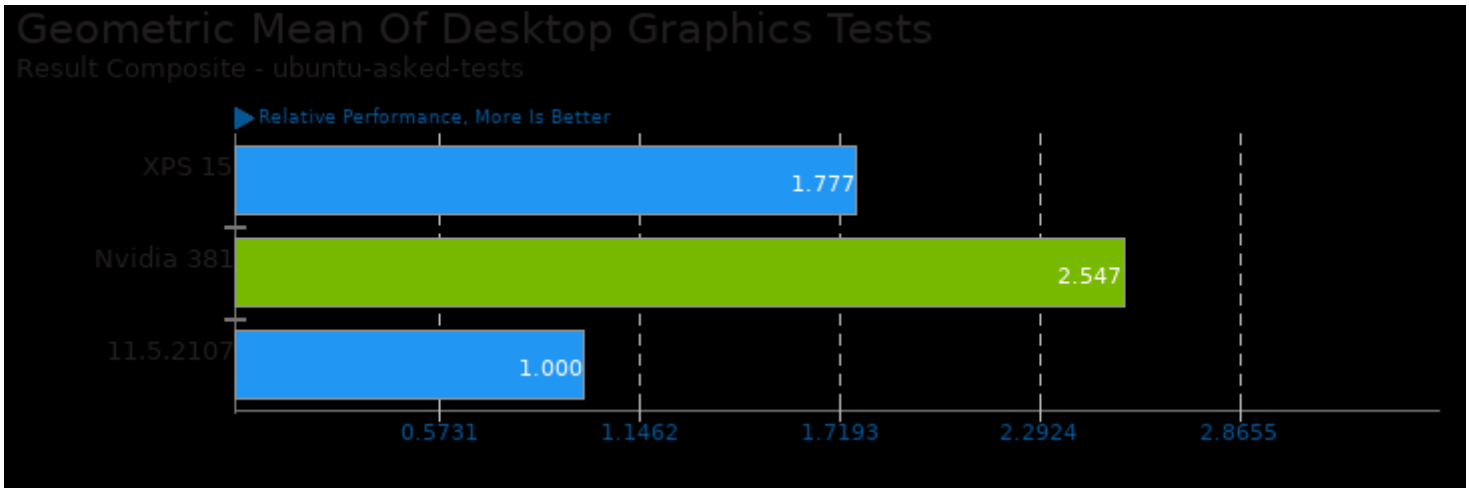
	Nvidia 381	11.5.2107	XPS 15
OpenArena - 1920 x 1080 (FPS)	**337.67**	**202.48**	249.80
Normalized	100%	59.96%	73.98%
Standard Deviation	1.7%	15.6%	0.1%
Tesseract - 1920 x 1080 (FPS)	**255.56**	**124.80**	182.05
Normalized	100%	48.83%	71.24%
Standard Deviation	0.5%	10.7%	0.7%
Unigine Valley - 1920 x 1080 - Windowed	**54.39**	**14.48**	33.41
Normalized	100%	26.62%	61.43%
Standard Deviation	0.1%	4%	0%
Unigine Valley - 1920 x 1080 - Fullscreen	**55.94**	**14.19**	34.19
Normalized	100%	25.37%	61.12%
Standard Deviation	0.3%	2.9%	1%
Xonotic - 1920 x 1080 - Ultimate (FPS)	**153.82**	**72.55**	128.58
Normalized	100%	47.17%	83.59%
Standard Deviation	8.3%	2.4%	0.7%
GpuTest - Plot3D - 1920 x 1080 - Windowed (Points)	**61926**	**22414**	30619
Normalized	100%	36.19%	49.44%
Standard Deviation	0.1%	7.7%	0.2%
GpuTest - Plot3D - 1920 x 1080 - Fullscreen (Points)	**65476**	**22595**	31672
Normalized	100%	34.51%	48.37%
Standard Deviation	0.5%	8.9%	0.1%


OpenArena 0.8.8
Resolution: 1920 x 1080
Frames Per Second, More Is Better
XPS 15
SE +/- 0.10, N = 3
MIN: 1
249.80
Nvidia 381
SE +/- 3.28, N = 3
MIN: 1
337.67
11.5.2107
SE +/- 12.92, N = 6
MIN: 2
202.48
70
140
210
280
350
Tesseract 2014-05-12
Resolution: 1920 x 1080
Frames Per Second, More Is Better
XPS 15
SE +/- 0.72, N = 3
182.05
Nvidia 381
SE +/- 0.79, N = 3
255.56
11.5.2107
SE +/- 5.46, N = 6
124.80
60
120
180
240
300
Unigine Valley 1.0
Resolution: 1920 x 1080 - Mode: Windowed
Frames Per Second, More Is Better
XPS 15
SE +/- 0.00, N = 3
33.41
Nvidia 381
SE +/- 0.04, N = 3
54.39
11.5.2107
SE +/- 0.24, N = 6
14.48
12
24
36
48
60


Unigine Valley 1.0
Resolution: 1920 x 1080 - Mode: Fullscreen
Frames Per Second, More Is Better
XPS 15
SE +/- 0.21, N = 3
34.19
Nvidia 381
SE +/- 0.10, N = 3
55.94
11.5.2107
SE +/- 0.24, N = 3
14.19
13
26
39
52
65
Xonotic 0.8.2
Resolution: 1920 x 1080 - Effects Quality: Ultimate
Frames Per Second, More Is Better
XPS 15
SE +/- 0.50, N = 3
MIN: 29 / MAX: 239
128.58
Nvidia 381
SE +/- 5.19, N = 6
MIN: 17 / MAX: 344
153.82
11.5.2107
SE +/- 1.01, N = 3
MIN: 25 / MAX: 148
72.55
30
60
90
120
150
GpuTest 0.7.0
Test: Plot3D - Resolution: 1920 x 1080 - Mode: Windowed
Points, More Is Better
XPS 15
SE +/- 35.57, N = 3
30619
Nvidia 381
SE +/- 51.97, N = 3
61926
11.5.2107
SE +/- 706.40, N = 6
22414
13K
26K
39K
52K
65K


GpuTest 0.7.0
Test: Plot3D - Resolution: 1920 x 1080 - Mode: Fullscreen
Points, More Is Better
XPS 15
SE +/- 26.50, N = 3
31672
Nvidia 381
SE +/- 194.68, N = 3
65476
11.5.2107
SE +/- 821.93, N = 6
22595
14K
28K
42K
56K
70K
OpenArena 0.8.8
Resolution: 1920 x 1080 - Total Frame Time
Milliseconds, Fewer Is Better
XPS 15
Min: 1 / Avg: 3.98 / Max: 16
4
8
12
16
20

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



Geometric mean based upon tests: pts/xonotic, pts/openarena, pts/tesseract and pts/unigine-valley

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 12:43.