

www.phoronix-test-suite.com

NVIDIA Performance Per Dollar Linux

Latest NVIDIA performance-per-dollar results head of RX 480 launch...

Test Systems:

GeForce GTX 950

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: eVGA NVIDIA GeForce GTX 950 2048MB (1202/3304MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 960

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: eVGA NVIDIA GeForce GTX 960 2048MB (1277/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 970

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: eVGA NVIDIA GeForce GTX 970 4096MB (1164/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 980

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: NVIDIA GeForce GTX 980 4096MB (1126/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 980 Ti

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: NVIDIA GeForce GTX 980 Ti 6144MB (999/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 1070

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: NVIDIA GeForce GTX 1070 8192MB (229/4006MHz), Audio: Realtek ALC1150, Network: Intel Connection

NVIDIA Performance Per Dollar Linux

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 1080

Processor: Intel Xeon E3-1280 v5 @ 4.00GHz (8 Cores), Motherboard: MSI C236A WORKSTATION (MS-7998) v1.0, Chipset: Intel Sky Lake, Memory: 16384MB, Disk: Samsung SSD 950 PRO 256GB, Graphics: NVIDIA GeForce GTX 1080 8192MB (1163/5005MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.4.0-24-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.3, Display Driver: NVIDIA 367.27, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.3.1 20160413, File-System: ext4, Screen Resolution: 3840x2160

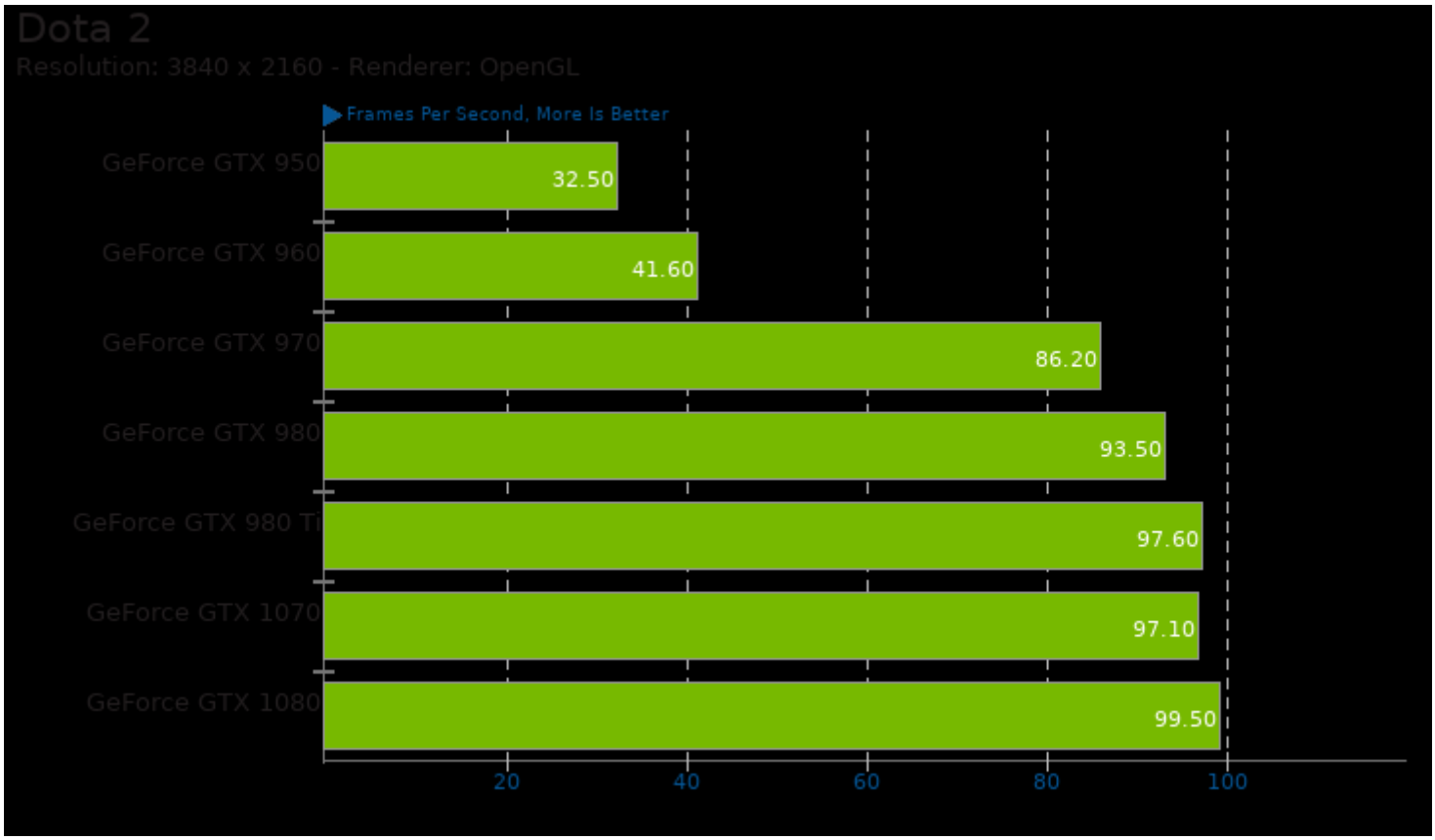
Processor Notes: Scaling Governor: intel_pstate performance

	GeForce GTX 950	GeForce GTX 960	GeForce GTX 970	GeForce GTX 980	GeForce GTX 980 Ti	GeForce GTX 1070	GeForce GTX 1080
Dota 2 - 3840 x 2160 - OpenGL (FPS)	**32.50**	41.60	86.20	93.50	97.60	97.10	**99.50**
Normalized	32.66%	41.81%	86.63%	93.97%	98.09%	97.59%	100%
Dota 2 - Performance / Cost - 3840 x 2160 - OpenGL (FPS/Dollar)	0.23	0.21	**0.29**	0.19	0.20	0.22	**0.14**
Normalized	79.31%	72.41%	100%	65.52%	68.97%	75.86%	48.28%
F1 2015 - 2560 x 1440 - Ultra Quality (FPS)	**16.41**	29.40	63.21	69.94	79.73	86.48	**94.39**
Normalized	17.39%	31.15%	66.97%	74.1%	84.47%	91.62%	100%
F1 2015 - Performance / Cost - 2560 x 1440 - Ultra Quality (FPS/Dollar)	**0.12**	0.15	**0.21**	0.14	0.16	0.19	0.14
Normalized	57.14%	71.43%	100%	66.67%	76.19%	90.48%	66.67%
Meta Performance Per Dollar - P.P.D (Performance/Dollar)	0.22	0.18	**0.23**	0.15	0.17	0.20	**0.14**
Normalized	95.65%	78.26%	100%	65.22%	73.91%	86.96%	60.87%
Metro: Last Light Redux - P.T.S.v.4.0 (FPS)	39.47	**37.69**	69.73	75.90	94.53	89.38	**102.88**
Normalized	38.37%	36.63%	67.78%	73.78%	91.88%	86.88%	100%
Metro: Last Light Redux - Performance / Cost - P.T.S.v.4.0 (FPS/Dollar)	**0.28**	0.19	0.23	**0.15**	0.19	0.20	**0.15**
Normalized	100%	67.86%	82.14%	53.57%	67.86%	71.43%	53.57%

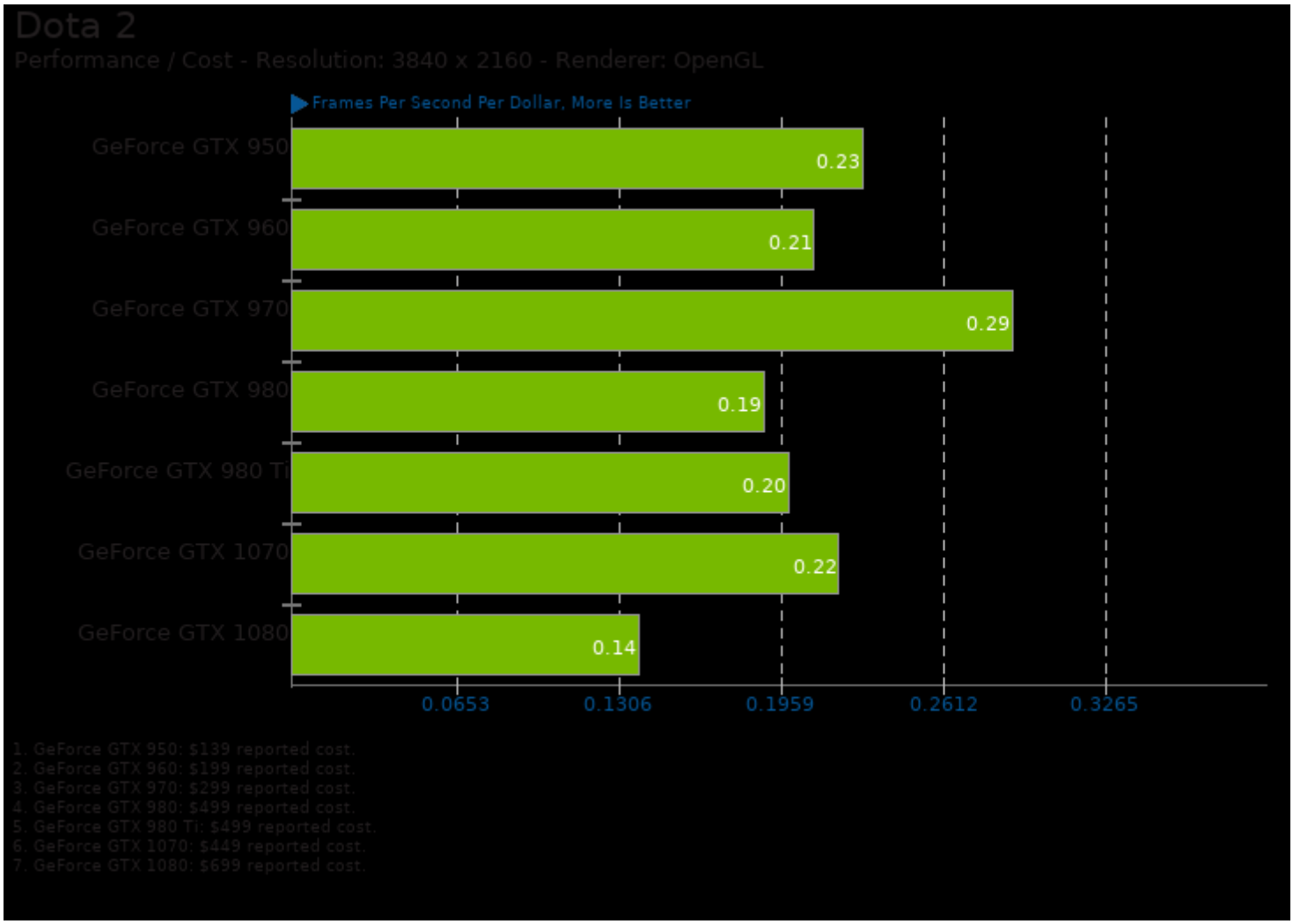
NVIDIA Performance Per Dollar Linux

Unigine Valley - 2560 x 1440 - Fullscreen (FPS)	**32.14**	36.94	55.77	60.53	72.94	83.01	**100.30**
Normalized	32.04%	36.83%	55.6%	60.35%	72.72%	82.76%	100%
Unigine Valley - Performance / Cost - 2560 x 1440 - Fullscreen (FPS/Dollar)	**0.23**	0.19	0.19	**0.12**	0.15	0.18	0.14
Normalized	100%	82.61%	82.61%	52.17%	65.22%	78.26%	60.87%

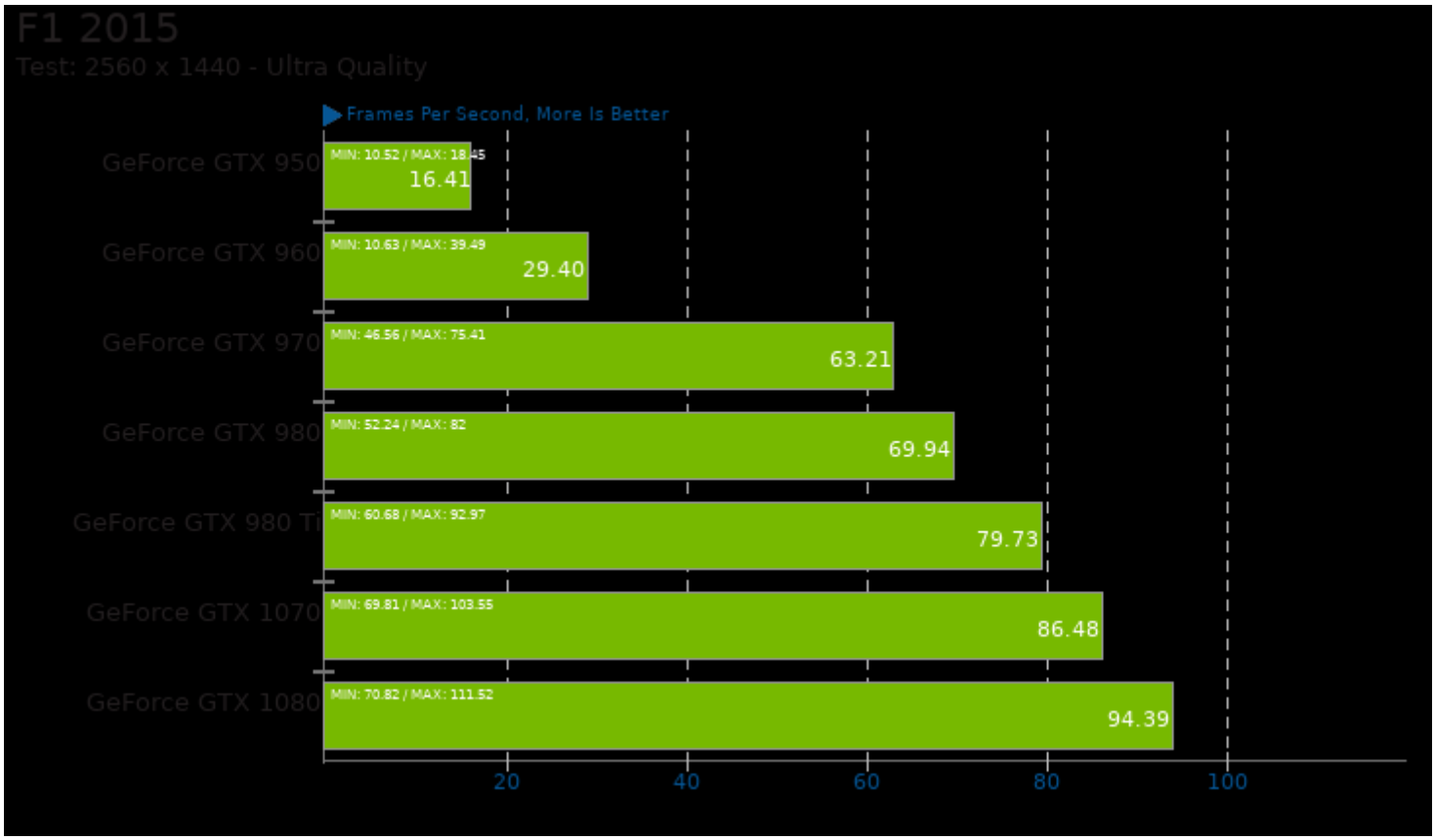
NVIDIA Performance Per Dollar Linux



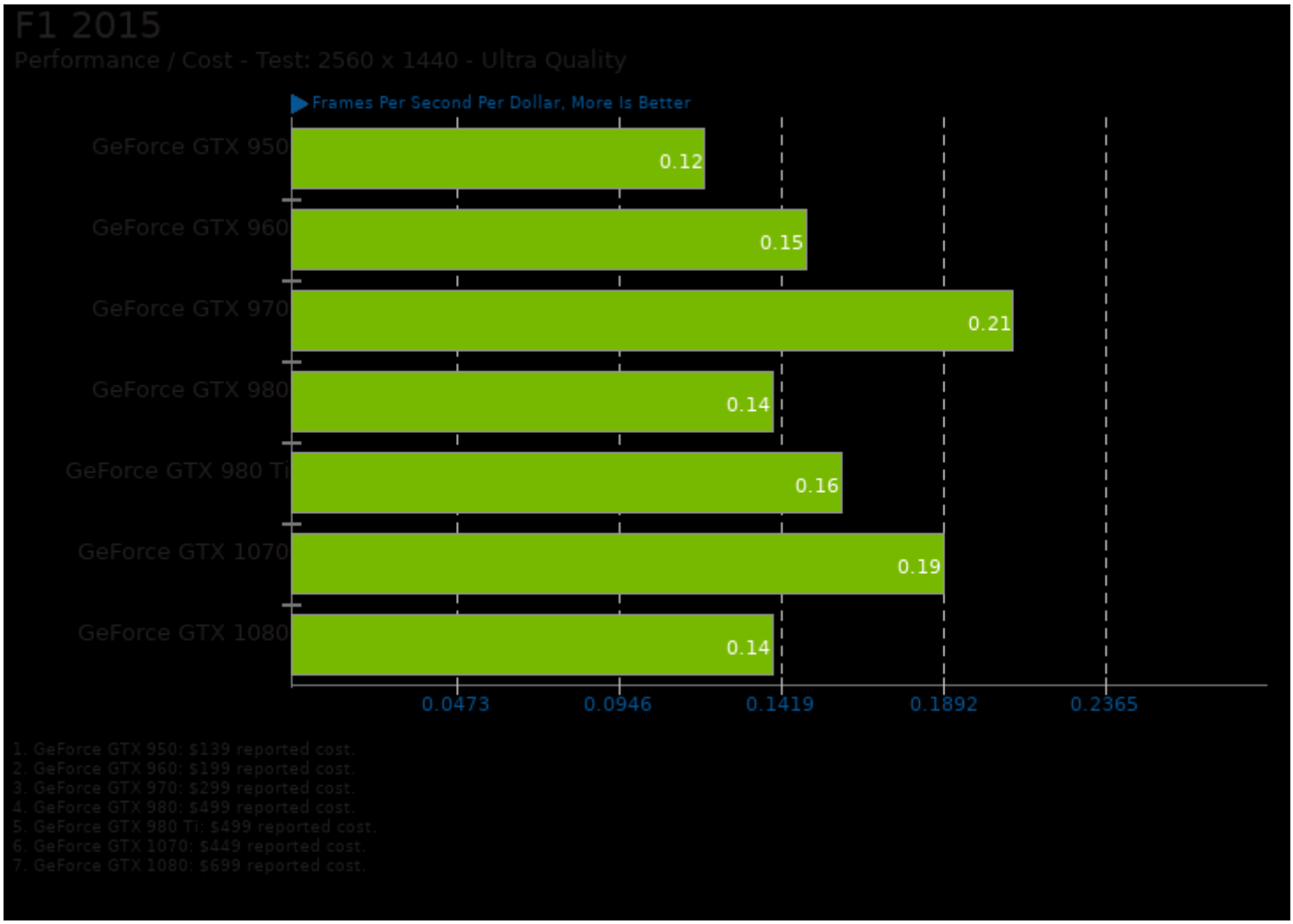
NVIDIA Performance Per Dollar Linux



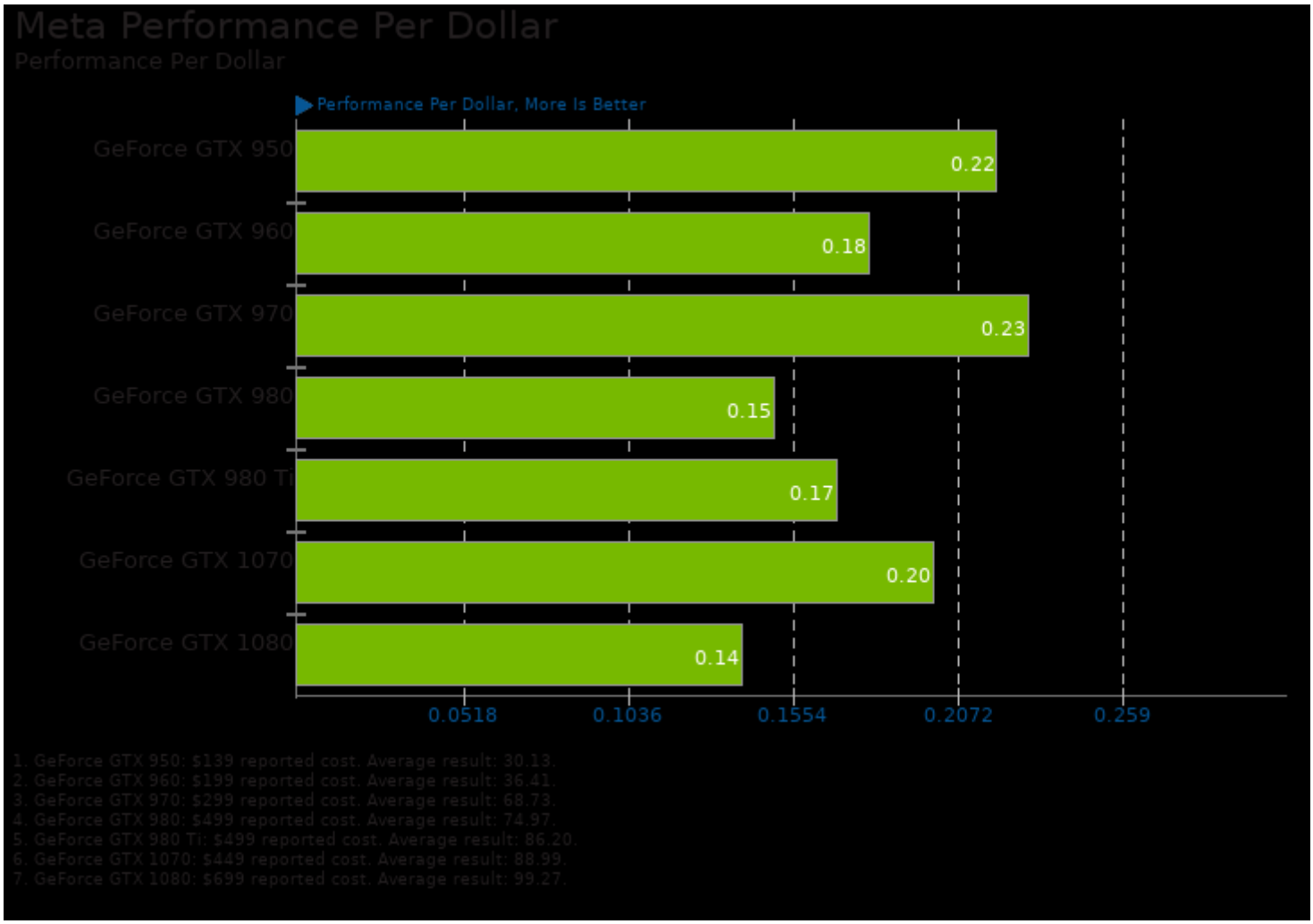
NVIDIA Performance Per Dollar Linux



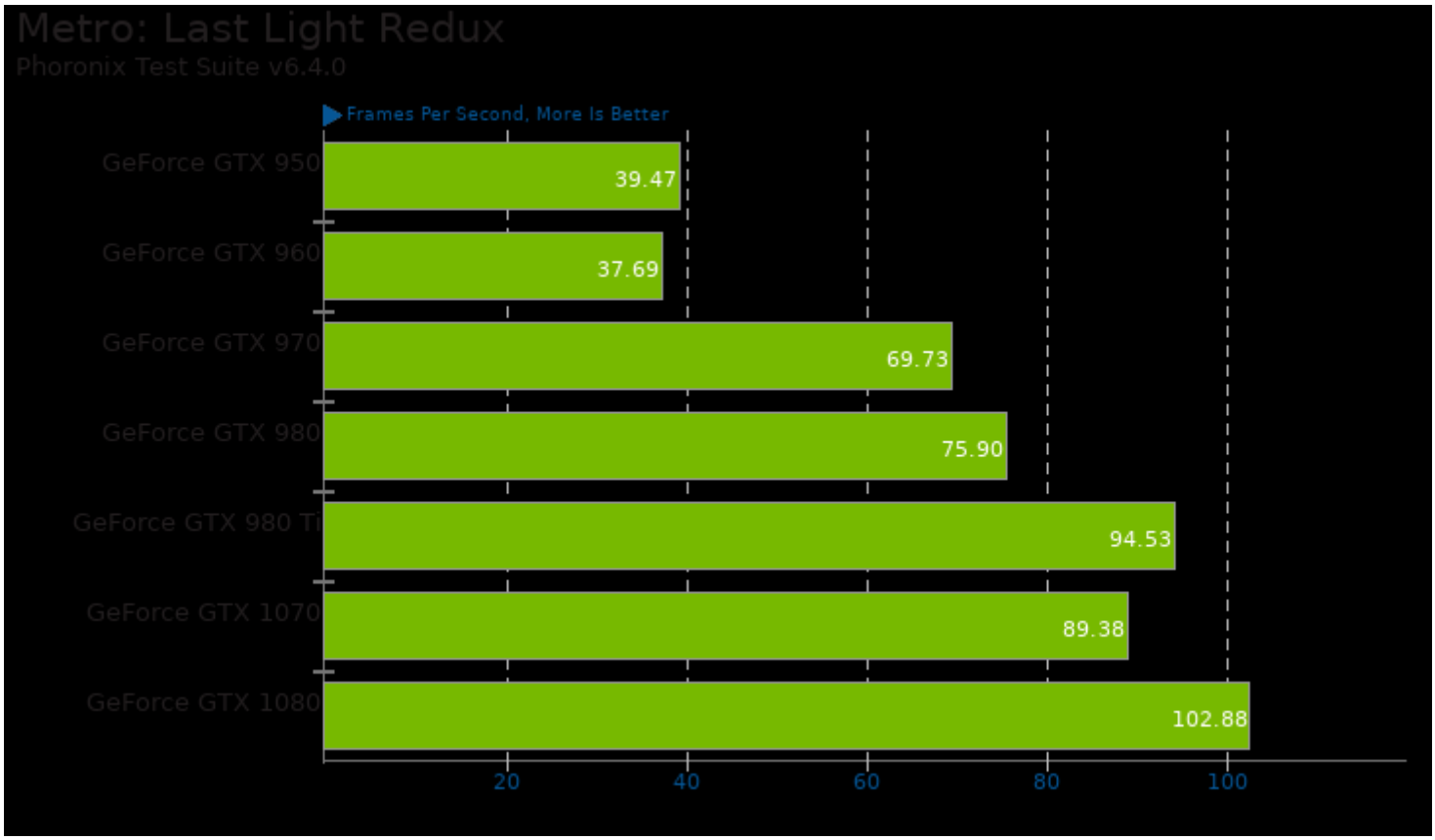
NVIDIA Performance Per Dollar Linux



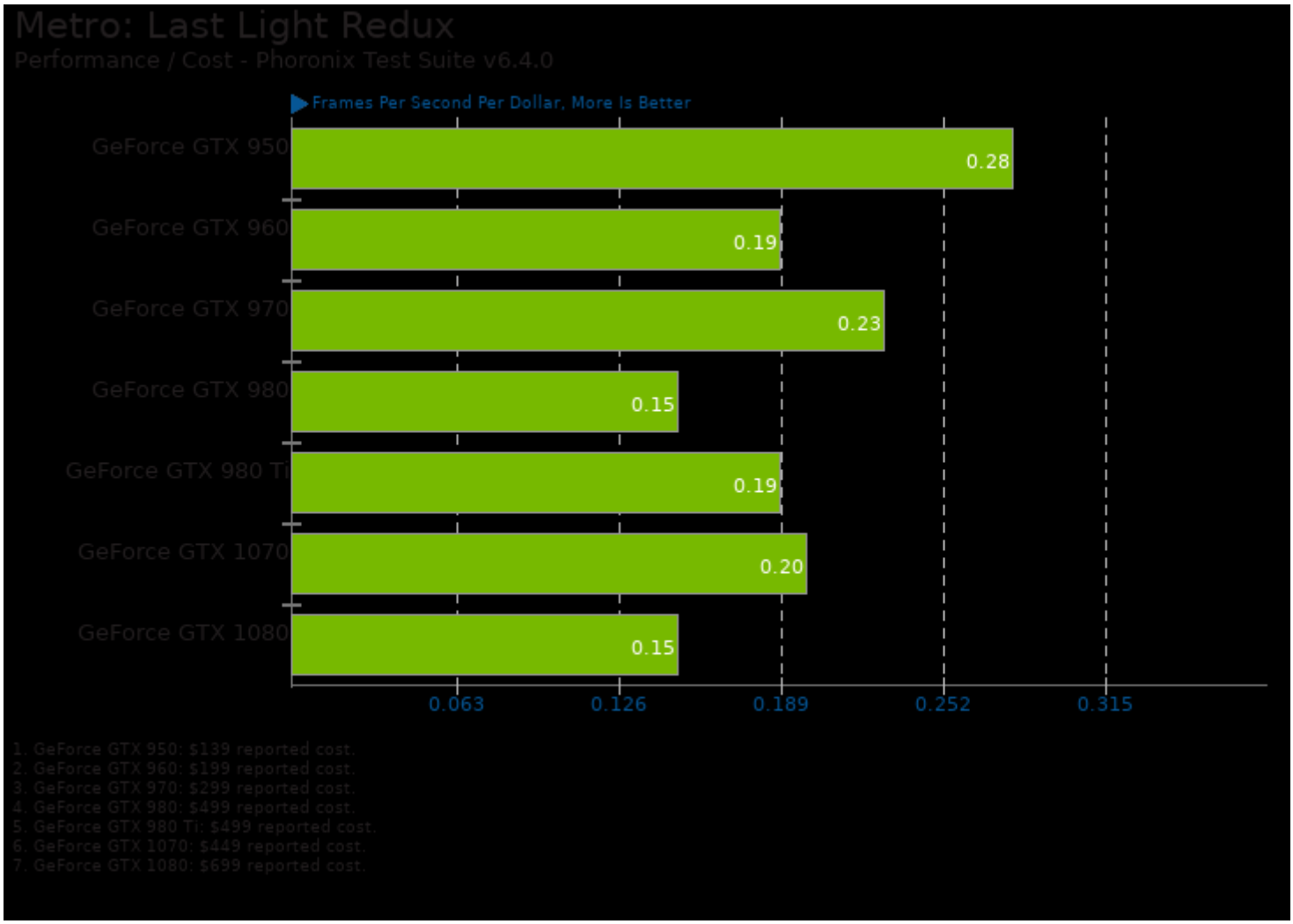
NVIDIA Performance Per Dollar Linux



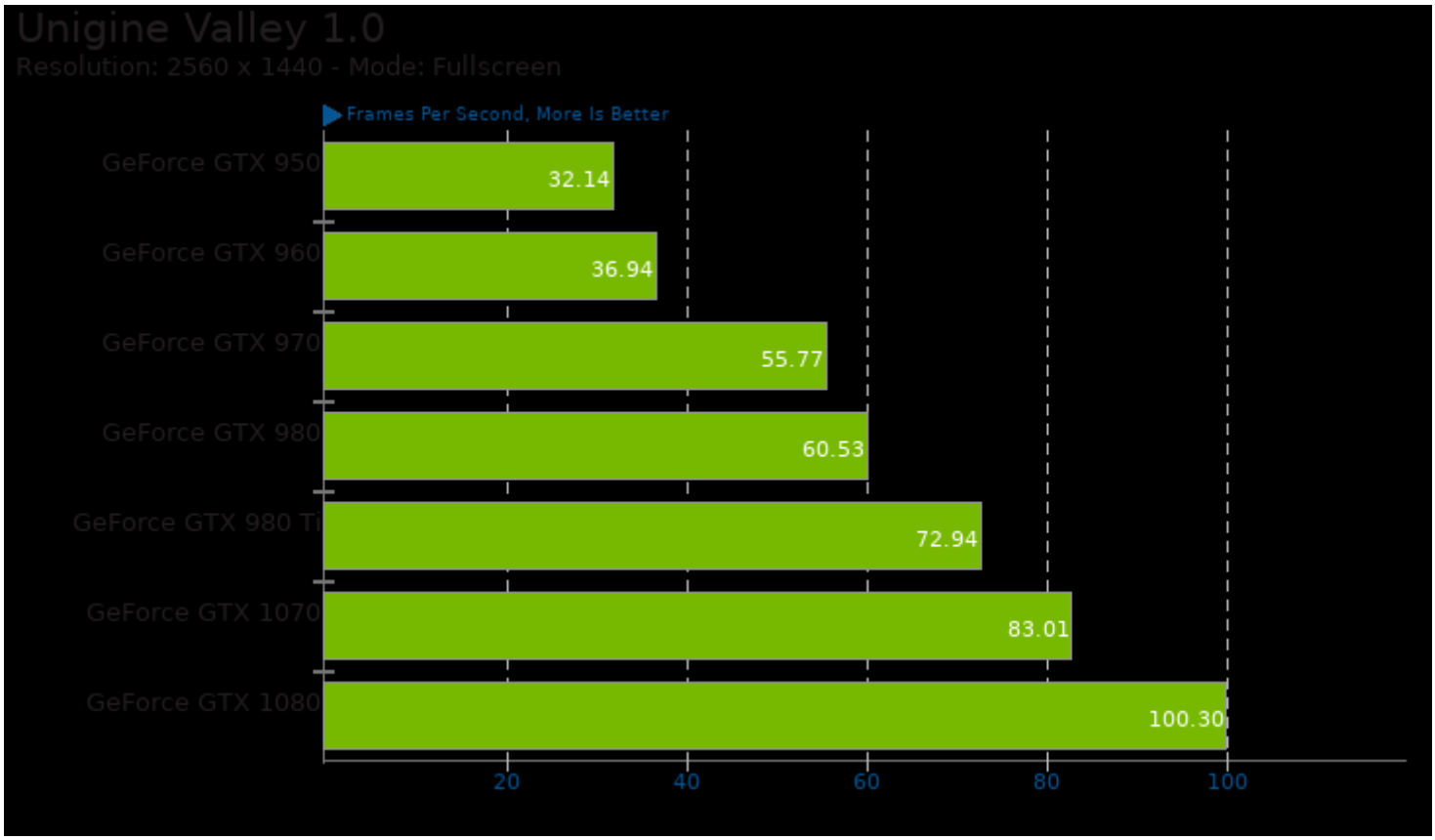
NVIDIA Performance Per Dollar Linux



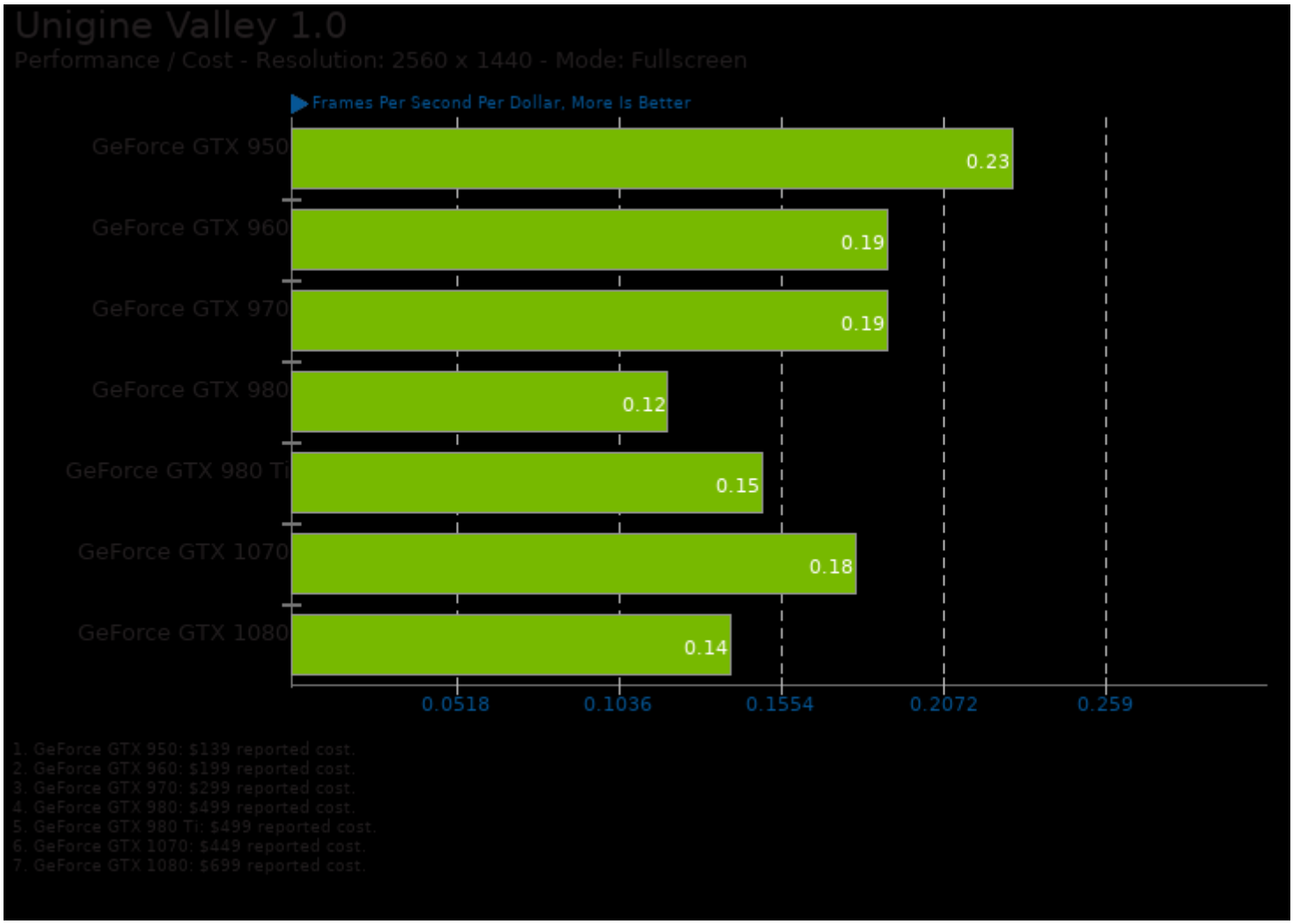
NVIDIA Performance Per Dollar Linux



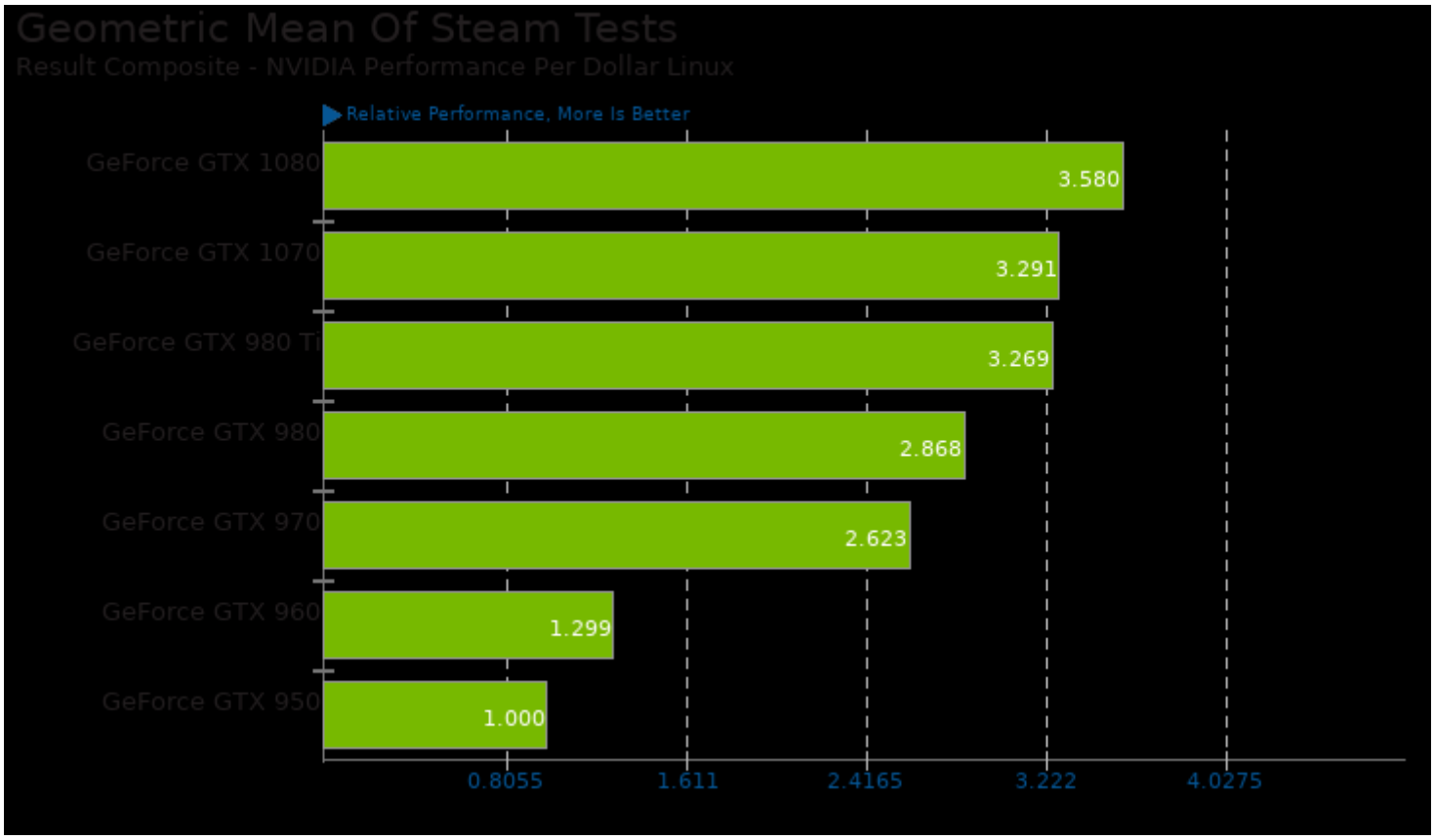
NVIDIA Performance Per Dollar Linux



NVIDIA Performance Per Dollar Linux



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



Geometric mean based upon tests: pts/dota2, pts/metroll-redux and pts/f12015

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 08:27.