

www.phoronix-test-suite.com

Deus Ex Mankind Divided NVIDIA Linux

Deus Ex MD Linux tests by Michael Larabel for launch day article comparison on Phoronix.

Test Systems:

GeForce GTX 680

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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 680 2048MB (1006/3004MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 760

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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 760 2048MB (980/3004MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 780 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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 780 Ti 3072MB (875/3500MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

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: 256GB INTEL SSDPEKKW256G7, Graphics: eVGA NVIDIA GeForce GTX 950 2048MB (1202/3304MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, 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: 256GB INTEL SSDPEKKW256G7, Graphics: eVGA NVIDIA GeForce GTX 960 2048MB (1277/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, 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: 256GB INTEL SSDPEKKW256G7, Graphics: eVGA NVIDIA GeForce GTX 970 4096MB (1163/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, 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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 980 4096MB (1126/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, 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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 980 Ti 6144MB (999/3505MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 1050

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: 256GB INTEL SSDPEKKW256G7, Graphics: Zotac NVIDIA GeForce GTX 1050 2048MB (1316/3504MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 1050 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: 256GB INTEL SSDPEKKW256G7, Graphics: eVGA NVIDIA GeForce GTX 1050 Ti 4096MB (1341/3504MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

GeForce GTX 1060

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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 1060 6GB 6144MB (1506/4006MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, 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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 1070 8192MB (1504/4006MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, 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: 256GB INTEL SSDPEKKW256G7, Graphics: NVIDIA GeForce GTX 1080 8192MB (1600/5005MHz), Audio: Realtek ALC1150, Network: Intel Connection

OS: Ubuntu 16.04, Kernel: 4.8.4-040804-generic (x86_64), Desktop: Unity 7.4.0, Display Server: X Server 1.18.4, Display Driver: NVIDIA 375.10, OpenGL: 4.5.0, Vulkan: 1.0.8, Compiler: GCC 5.4.0 20160609 + LLVM 3.8.0 + CUDA 8.0, File-System: ext4, Screen Resolution: 3840x2160

Processor Notes: Scaling Governor: intel_pstate performance

Geforce RTX 3060 Ti

Processor: AMD Ryzen 5 3600 6-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: Gigabyte B450 I AORUS PRO WIFI-CF (F60e BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 120GB KINGSTON SV300S3 + 4001GB Western Digital WD40EFRX-68W + 4001GB Seagate ST4000VN000-2AH1, Graphics: NVIDIA GeForce RTX 3060 Ti 8GB (1695/7000MHz), Audio: NVIDIA Device 228b, Monitor: VW246, Network: Intel I211 + Intel-AC 9260

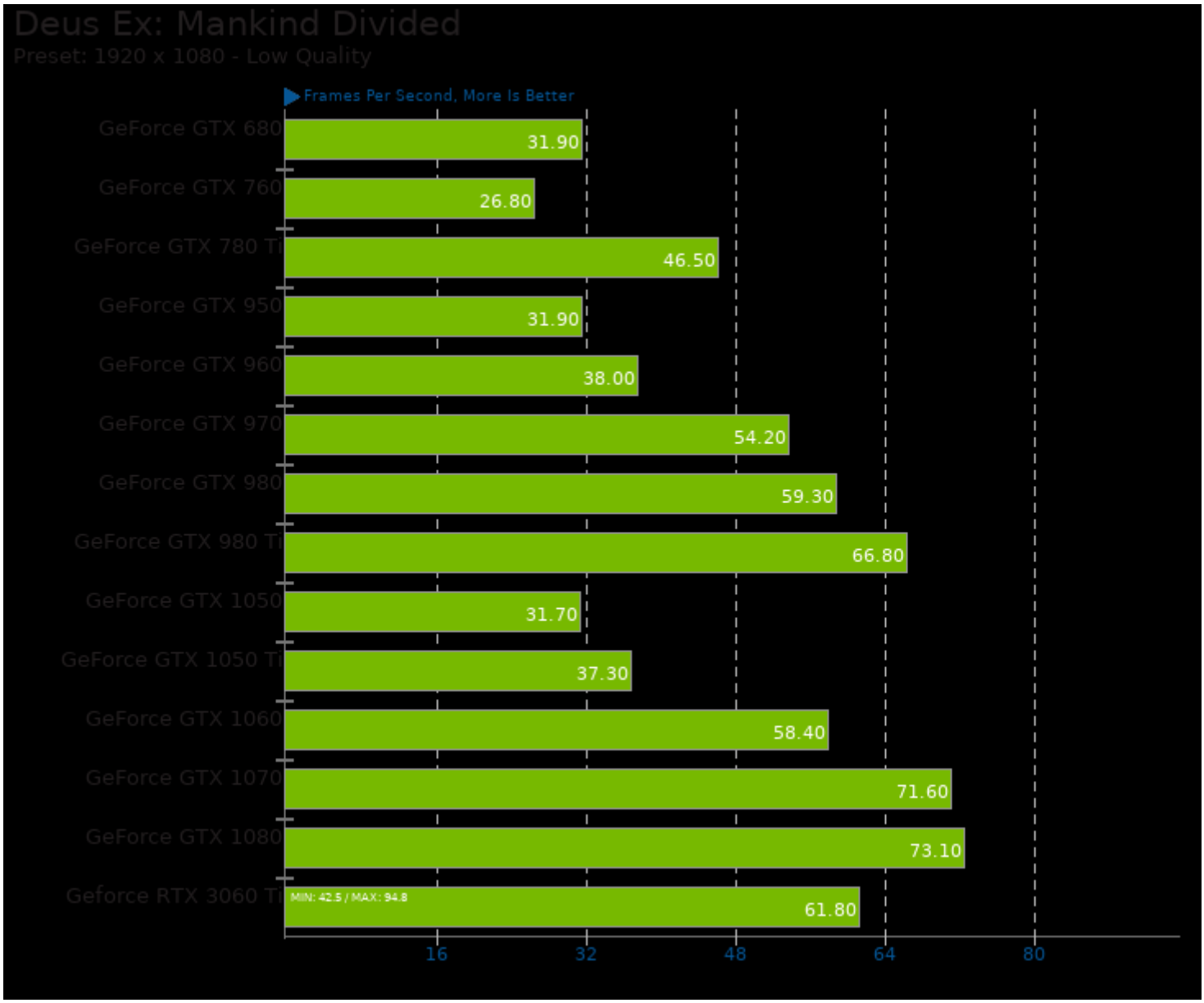
OS: Linuxmint 20.1, Kernel: 5.8.0-36-generic (x86_64), Desktop: Cinnamon 4.8.5, Display Server: X Server 1.20.9, Display Driver: NVIDIA 460.32.03, OpenGL: 4.6.0, Vulkan: 1.2.155, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1080

Processor Notes: Scaling Governor: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0x8701021
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

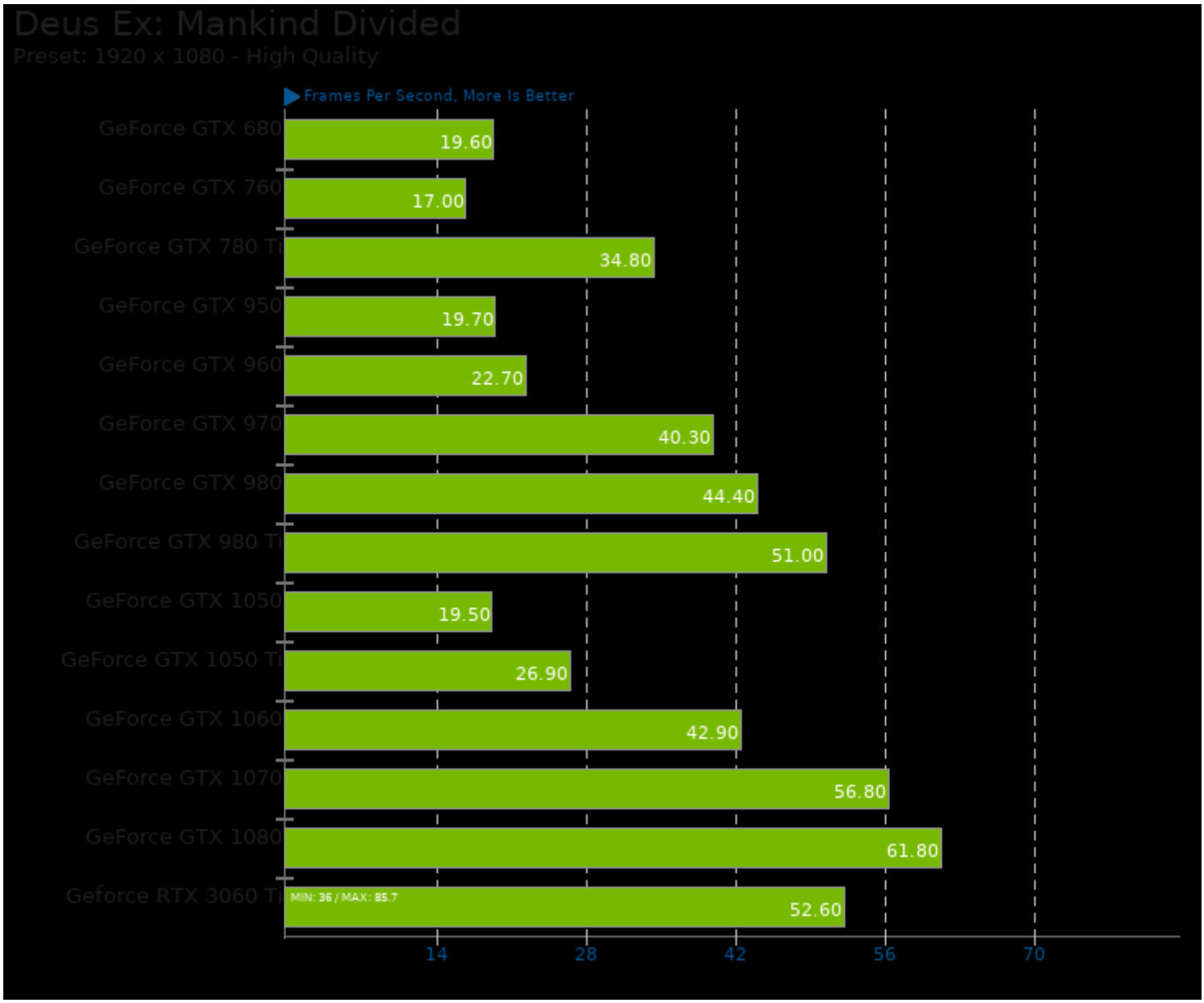
Deus Ex Mankind Divided NVIDIA Linux

	GeForce GTX 680	GeForce GTX 760	GeForce GTX 780 Ti	GeForce GTX 950	GeForce GTX 960	GeForce GTX 970	GeForce GTX 980	GeForce GTX 980 Ti	GeForce GTX 1050	GeForce GTX 1050 Ti	GeForce GTX 1060	GeForce GTX 1070	GeForce GTX 1080	Geforce RTX 3060 Ti
Deus Ex: Mankind Divided - 1920 x 1080 - Low Quality (FPS)	31.90	**26.80**	46.50	31.90	38	54.20	59.30	66.80	31.70	37.30	58.40	71.60	**73.10**	61.8
Normalized	43.64%	36.66%	63.61%	43.64%	51.98%	74.15%	81.12%	91.38%	43.37%	51.03%	79.89%	97.95%	100%	84.54%
Deus Ex: Mankind Divided - 1920 x 1080 - High Quality (FPS)	19.60	**17**	34.80	19.70	22.70	40.30	44.40	51	19.50	26.90	42.90	56.80	**61.80**	52.6
Normalized	31.72%	27.51%	56.31%	31.88%	36.73%	65.21%	71.84%	82.52%	31.55%	43.53%	69.42%	91.91%	100%	85.11%
Deus Ex: Mankind Divided - 1920 x 1080 - Ultra Quality (FPS)	3.80	3.70	24.10	4.20	3.50	27.70	31.70	36.90	**2.80**	18.30	30.10	41.40	**50.60**	50
Normalized	7.51%	7.31%	47.63%	8.3%	6.92%	54.74%	62.65%	72.92%	5.53%	36.17%	59.49%	81.82%	100%	98.81%
Deus Ex: Mankind Divided - 2560 x 1440 - High Quality (FPS)	12.10	**10.60**	23.20	12.30	14.20	26.40	29.50	35	12.10	17	27.90	38.40	46.80	**52.6**
Normalized	23%	20.15%	44.11%	23.38%	27%	50.19%	56.08%	66.54%	23%	32.32%	53.04%	73%	88.97%	100%
Deus Ex: Mankind Divided - 3840 x 2160 - Low Quality (FPS)	6.70	**6**	16	8.20	6.10	18	20.30	24.60	7.80	11.70	19.20	27.20	33.50	**62.4**
Normalized	10.74%	9.62%	25.64%	13.14%	9.78%	28.85%	32.53%	39.42%	12.5%	18.75%	30.77%	43.59%	53.69%	100%

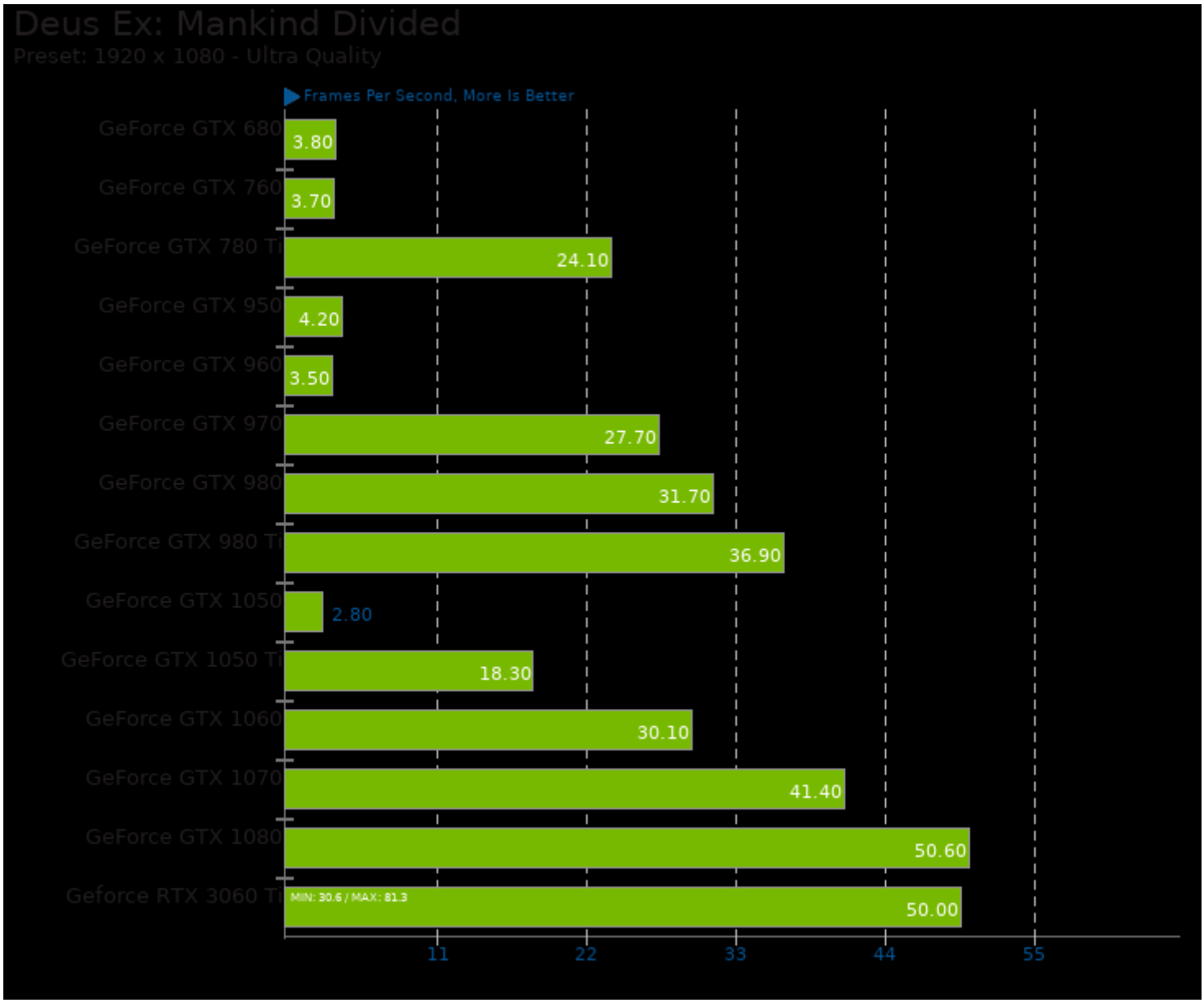
Deus Ex Mankind Divided NVIDIA Linux



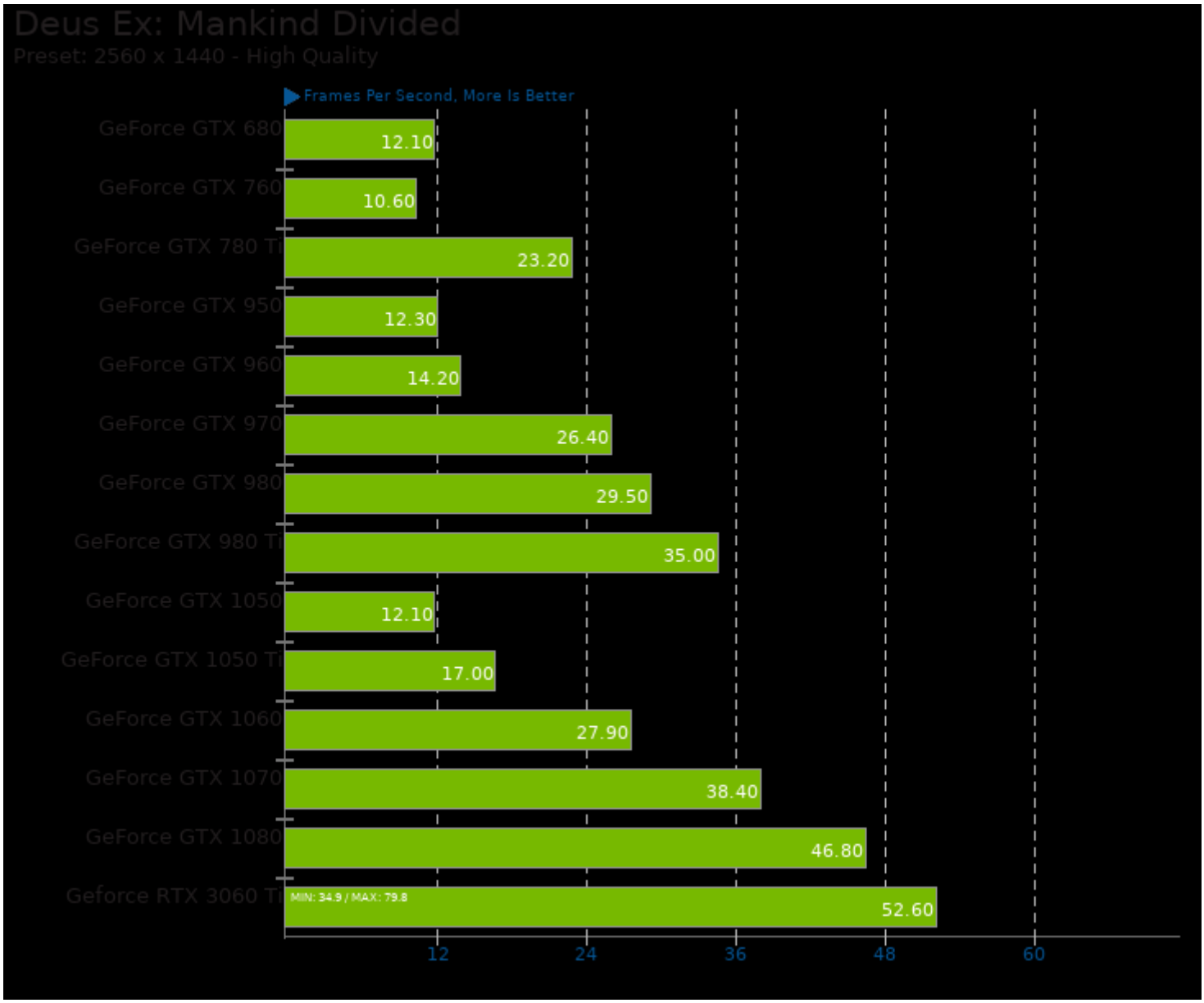
Deus Ex Mankind Divided NVIDIA Linux

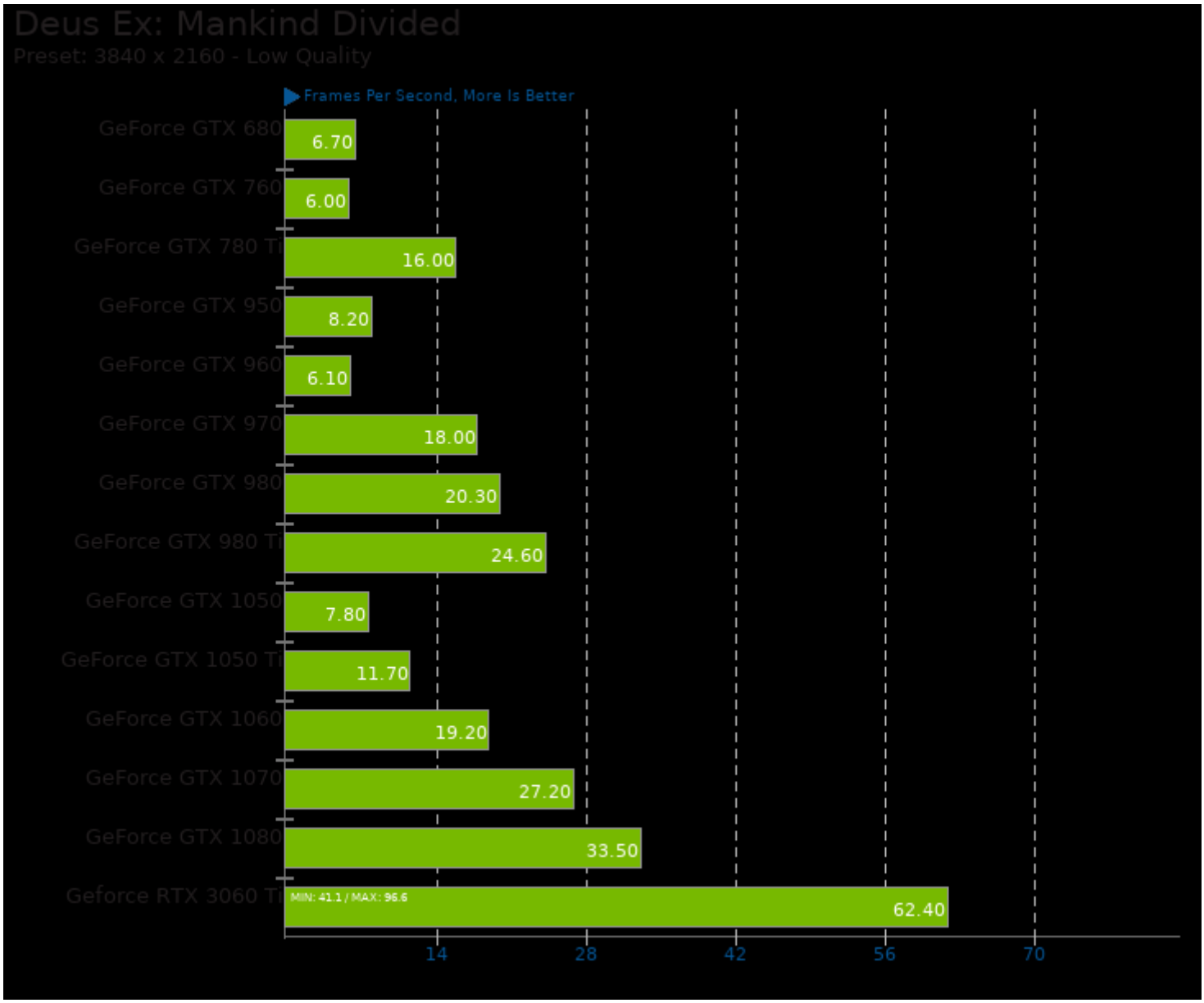


Deus Ex Mankind Divided NVIDIA Linux



Deus Ex Mankind Divided NVIDIA Linux





This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:51.