

www.phoronix-test-suite.com

pbo2-15_xmp3733

AMD Ryzen 7 5800X 8-Core testing with a Gigabyte X570 AORUS MASTER (F35b BIOS) and NVIDIA GeForce RTX 2060 6GB on Neon 20.04 via the Phoronix Test Suite.

Test Systems:

NVIDIA GeForce RTX 2060

Processor: AMD Ryzen 7 5800X 8-Core @ 3.80GHz (8 Cores / 16 Threads), Motherboard: Gigabyte X570 AORUS MASTER (F35b BIOS), Chipset: AMD Starship/Matisse, Memory: 64GB, Disk: 2 x 1000GB Western Digital WDS100T1X0E-00AFY0 + 2000GB Western Digital WDS200T2B0C-00PXH0 + 256GB OCZ VERTEX450 + 1000GB CT1000MX500SSD1 + 2000GB Expansion Desk, Graphics: NVIDIA GeForce RTX 2060 6GB, Audio: NVIDIA TU106 HD Audio, Monitor: LEN Y44w-10, Network: Intel I211 + Realtek RTL8125 2.5GbE + Intel Wi-Fi 6 AX200

OS: Neon 20.04, Kernel: 5.11.0-37-generic (x86_64), Desktop: KDE Plasma 5.22.5, Display Server: X Server 1.20.11, Display Driver: NVIDIA 470.74, OpenGL: 4.6.0, OpenCL: OpenCL 3.0 CUDA 11.4.136, Vulkan: 1.2.175, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 3840x1200

pbo2-15_xmp3733

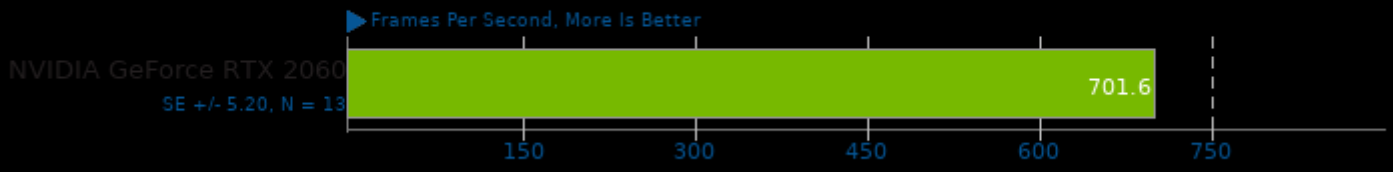
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0xa201016
Python Notes: Python 2.7.18 + Python 3.8.10
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + 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 IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	NVIDIA GeForce RTX 2060
OpenArena - 1920 x 1080 (FPS)	701.6
Standard Deviation	2.7%
Tesseract - 3840 x 1200 (FPS)	388.9270
Standard Deviation	1.2%
Unigine Heaven - 3840 x 1200 - Fullscreen - OpenGL (FPS)	62.4897
Standard Deviation	0.5%
Unigine Valley - 3840 x 1200 - Fullscreen - OpenGL (FPS)	63.4593
Standard Deviation	0%
Xonotic - 3840 x 1200 - Low (FPS)	691.6067071
Standard Deviation	0.9%
Xonotic - 3840 x 1200 - High (FPS)	537.0131786
Standard Deviation	0.4%
Xonotic - 3840 x 1200 - Ultra (FPS)	383.1473843
Standard Deviation	0.4%
Xonotic - 3840 x 1200 - Ultimate (FPS)	251.9931345
Standard Deviation	0.2%
ParaView - Many Spheres - 3840 x 1200 (Frames / Sec)	39.34
Standard Deviation	0.4%
ParaView - Many Spheres - 3840 x 1200 (MiPolys / Sec)	3944
Standard Deviation	0.4%
ParaView - Wavelet Volume - 3840 x 1200 (Frames / Sec)	232.88
Standard Deviation	3.5%
ParaView - Wavelet Volume - 3840 x 1200 (MiVoxels / Sec)	3726
Standard Deviation	3.5%
ParaView - Wavelet Contour - 3840 x 1200 (Frames / Sec)	164.06
Standard Deviation	9.8%
ParaView - Wavelet Contour - 3840 x 1200 (MiPolys / Sec)	1710
Standard Deviation	9.8%

pbo2-15_xmp3733

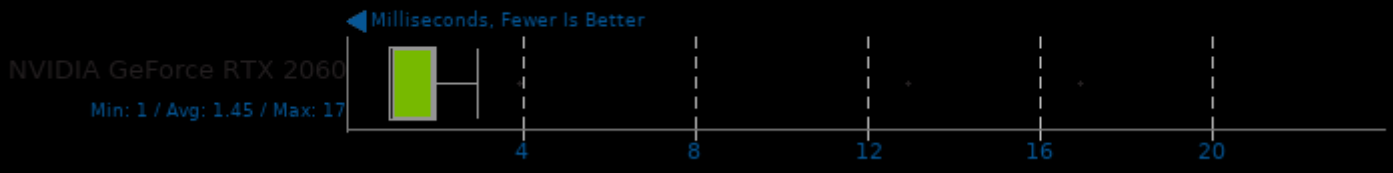
OpenArena 0.8.8

Resolution: 1920 x 1080



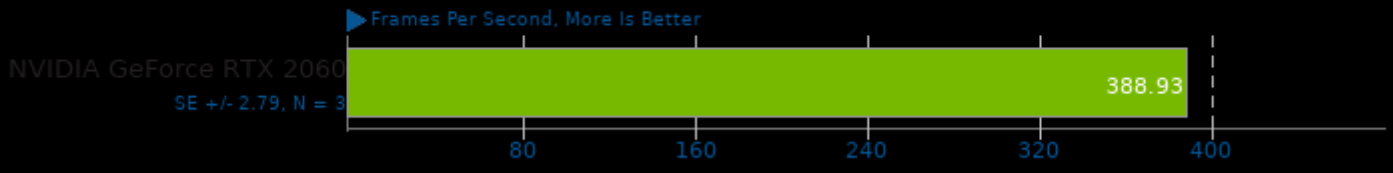
OpenArena 0.8.8

Resolution: 1920 x 1080 - Total Frame Time



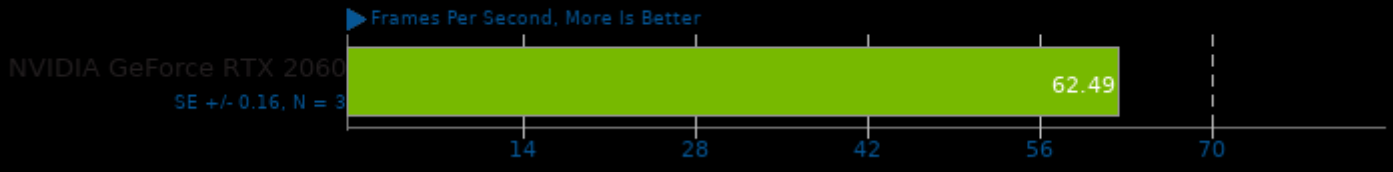
Tesseract 2014-05-12

Resolution: 3840 x 1200



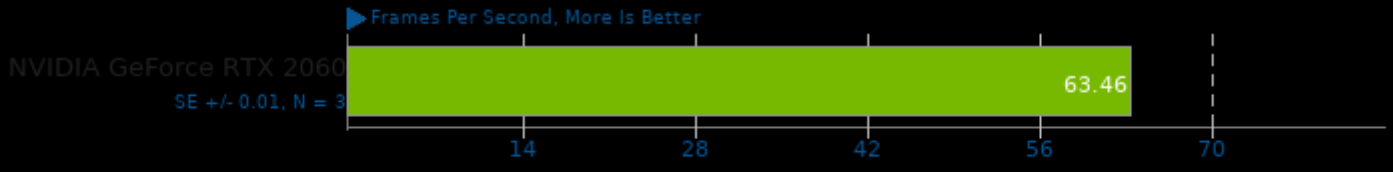
Unigine Heaven 4.0

Resolution: 3840 x 1200 - Mode: Fullscreen - Renderer: OpenGL



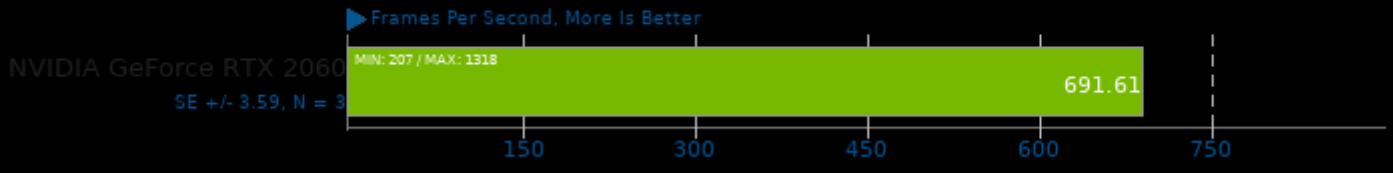
Unigine Valley 1.0

Resolution: 3840 x 1200 - Mode: Fullscreen - Renderer: OpenGL



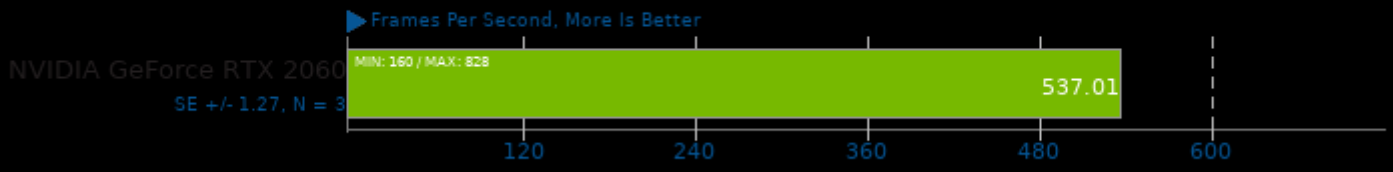
Xonotic 0.8.2

Resolution: 3840 x 1200 - Effects Quality: Low



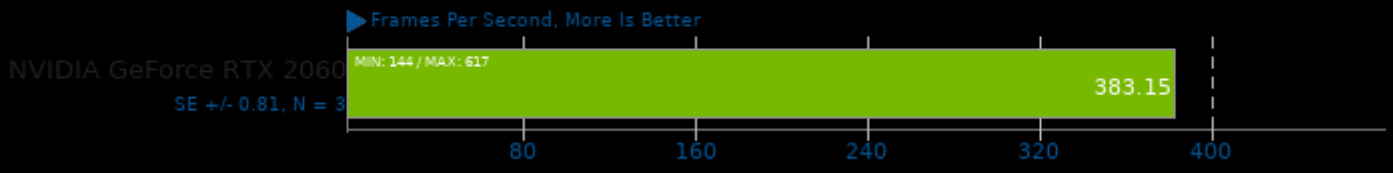
Xonotic 0.8.2

Resolution: 3840 x 1200 - Effects Quality: High



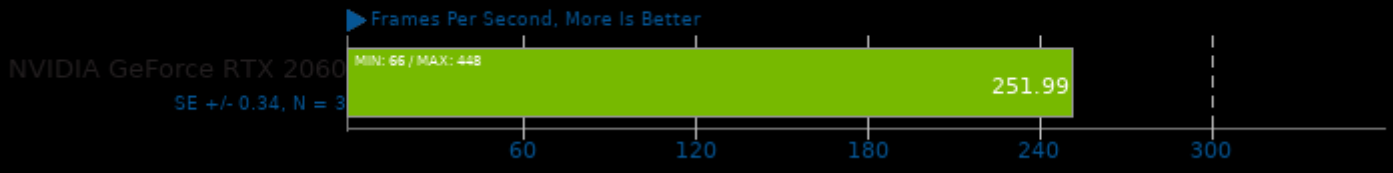
Xonotic 0.8.2

Resolution: 3840 x 1200 - Effects Quality: Ultra



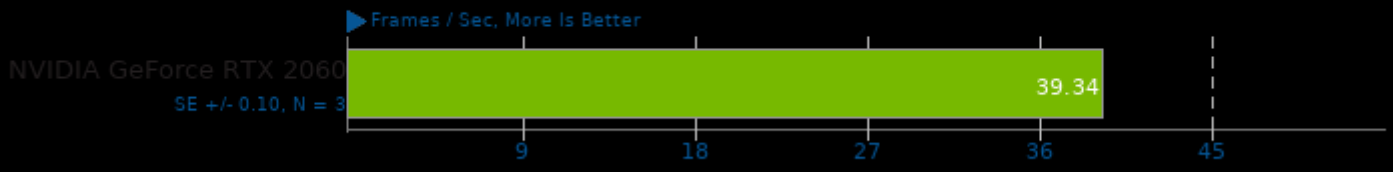
Xonotic 0.8.2

Resolution: 3840 x 1200 - Effects Quality: Ultimate



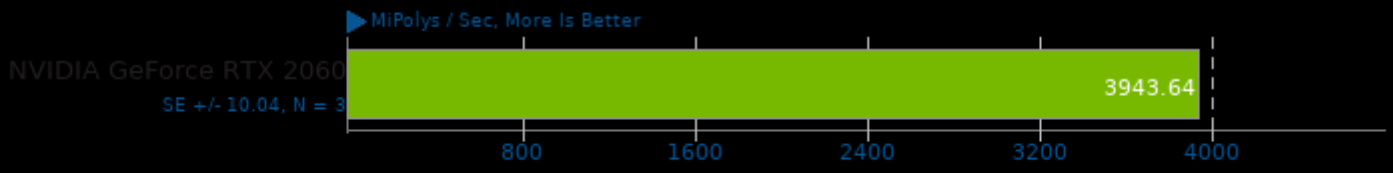
ParaView 5.9

Test: Many Spheres - Resolution: 3840 x 1200



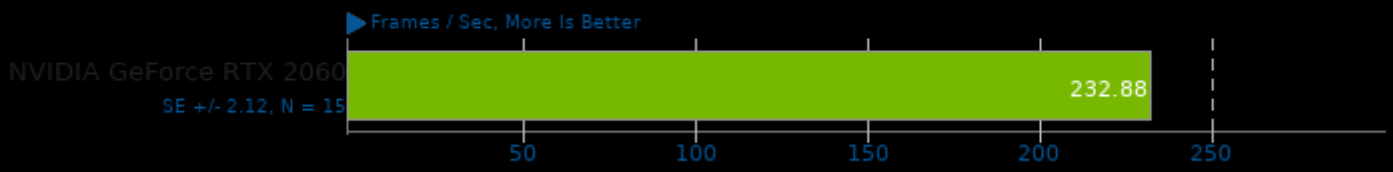
ParaView 5.9

Test: Many Spheres - Resolution: 3840 x 1200

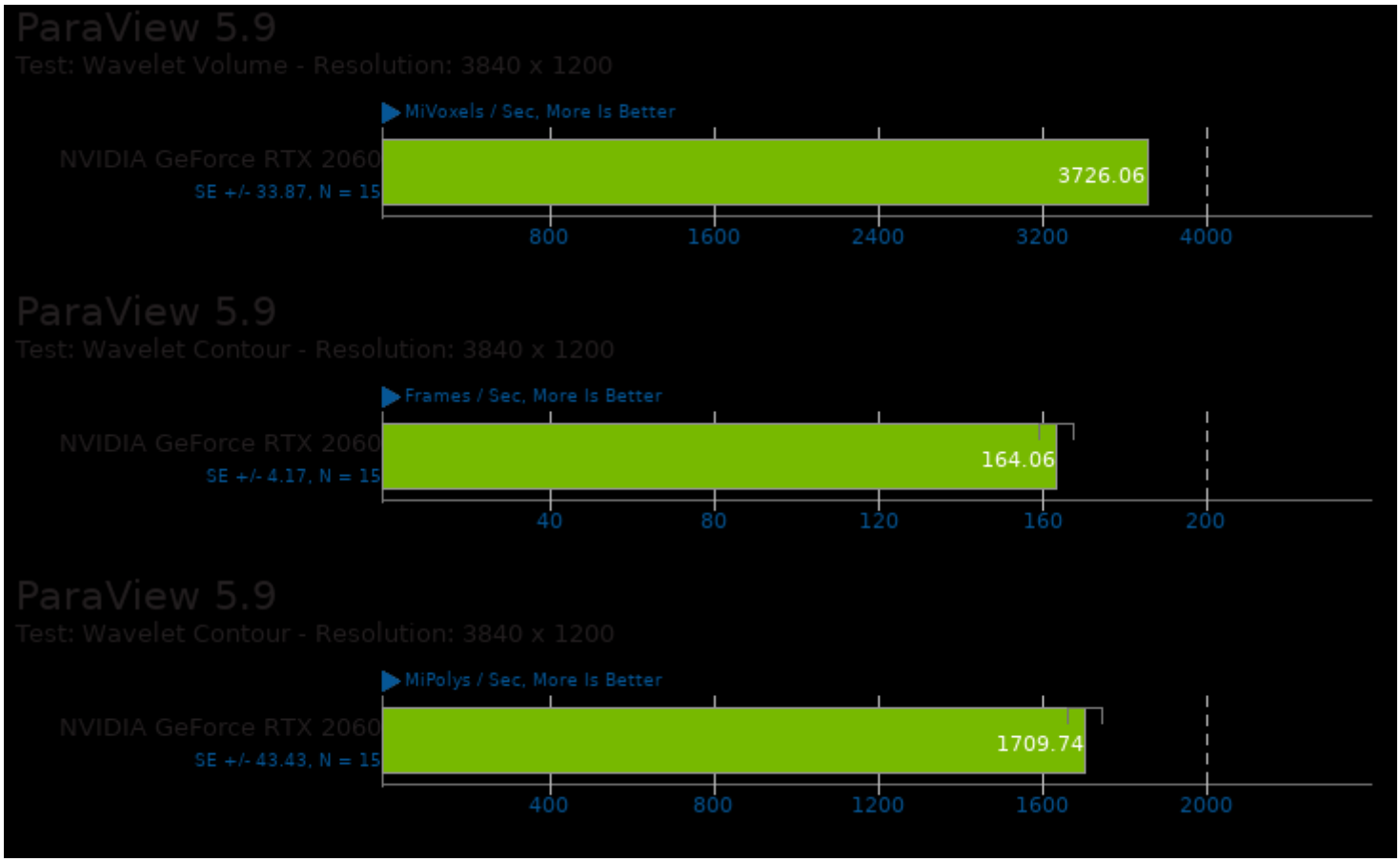


ParaView 5.9

Test: Wavelet Volume - Resolution: 3840 x 1200



pbo2-15_xmp3733



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:45.