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gpu_results

2 x Intel Xeon X5570 testing with a HP 0AECh (786G5 v03.61 BIOS) and NVIDIA Quadro M4000 8GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

gpu_nvidia_results

Processor: 2 x Intel Xeon X5570 @ 2.93GHz (8 Cores), Motherboard: HP 0AECh (786G5 v03.61 BIOS), Chipset: Intel 5520 I/O + ICH10R, Memory: 96GB, Disk: 2000GB Western Digital WD20EZRX-00D + 1000GB Seagate ST31000524AS + 1000GB Seagate ST1000DM003-1CH1 + 500GB Hitachi HDS72105 + 1000GB RAID, Graphics: NVIDIA Quadro M4000 8GB (270/324MHz), Audio: Realtek ALC262, Monitor: HP LA2306, Network: 2 x Broadcom NetXtreme BCM5764M PCIe + Intel 8260

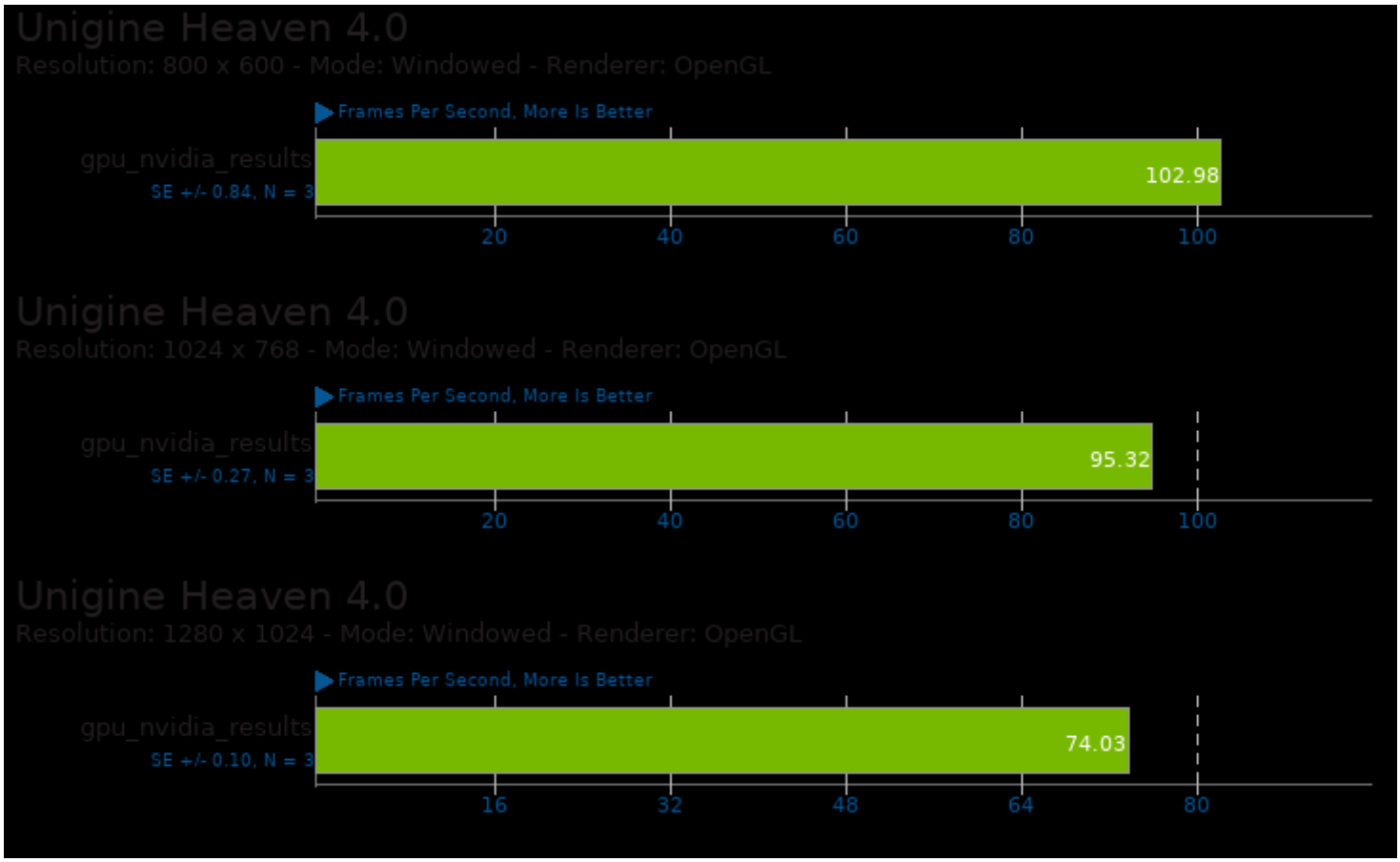
OS: Ubuntu 20.04, Kernel: 5.4.0-29-generic (x86_64), Desktop: GNOME Shell 3.36.1, Display Server: X Server 1.20.8, Display Driver: NVIDIA 440.64, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 3840x1080

Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x1d
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT disabled + mds: Vulnerable: Clear

buffers attempted no microcode; SMT disabled + meltdown: Mitigation of PTI + 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 generic retpoline IBPB: conditional IBRS_FW RSB filling + tsx_async_abort: Not affected

	gpu_nvidia_results
Unigine Heaven - 800 x 600 - Windowed - OpenGL (FPS)	102.975
Standard Deviation	1.4%
Unigine Heaven - 1024 x 768 - Windowed - OpenGL (FPS)	95.3189
Standard Deviation	0.5%
Unigine Heaven - 1280 x 1024 - Windowed - OpenGL (FPS)	74.0262
Standard Deviation	0.2%

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