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Kubuntu20_04GTX1660

AMD A8-6600K APU testing with a ASUS A88XM-A (1801 BIOS) and MSI NVIDIA GeForce GTX 1660 6GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

Kubuntu 20.04 Nvidia GTX1660

Processor: AMD A8-6600K APU @ 3.90GHz (2 Cores / 4 Threads), Motherboard: ASUS A88XM-A (1801 BIOS), Chipset: AMD 15h, Memory: 16GB, Disk: 120GB KINGSTON SV300S3 + 1000GB Seagate ST1000DM003-1ER1 + 1000GB Seagate ST1000DM003-1CH1, Graphics: MSI NVIDIA GeForce GTX 1660 6GB, Audio: AMD FCH Azalia, Monitor: BenQ LCD, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 20.04, Kernel: 5.8.0-53-generic (x86_64), Desktop: KDE Plasma 5.18.5, Display Server: X Server 1.20.9, Display Driver: NVIDIA 460.73.01, File-System: ext4, Screen Resolution: 2560x1440

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0x6001119
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

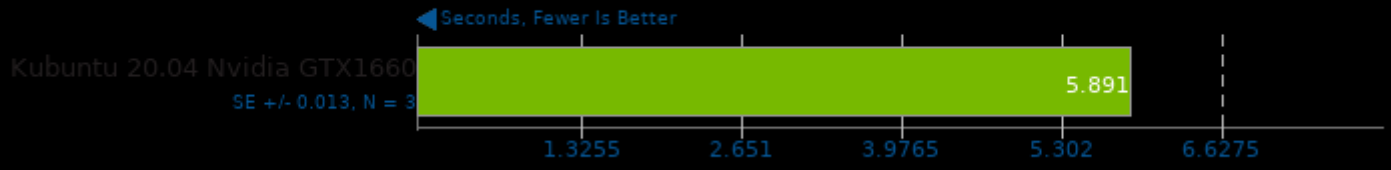
Kubuntu20_04GTX1660

seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	Kubuntu 20.04 Nvidia GTX1660
Darktable - Boat - OpenCL (sec)	5.891
Standard Deviation	0.4%
Darktable - Boat - CPU-only (sec)	47.325
Standard Deviation	0.5%
Darktable - Masskrug - OpenCL (sec)	13.634
Standard Deviation	0.4%
Darktable - Masskrug - CPU-only (sec)	51.985
Standard Deviation	0.4%
Darktable - Server Rack - OpenCL (sec)	0.315
Standard Deviation	0.5%
Darktable - Server Room - OpenCL (sec)	1.933
Standard Deviation	1.2%
Darktable - Server Rack - CPU-only (sec)	0.762
Standard Deviation	3.8%
Darktable - Server Room - CPU-only (sec)	46.823
Standard Deviation	0.3%

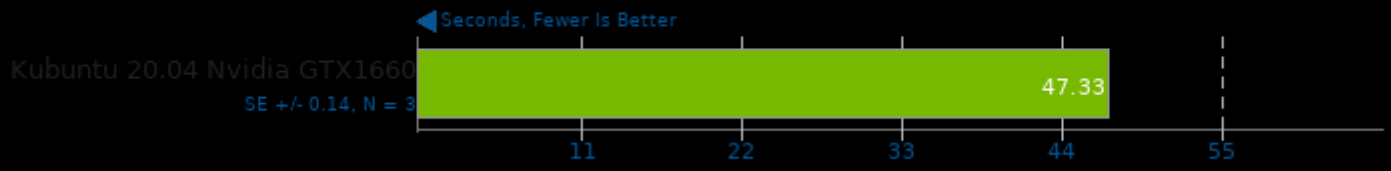
Darktable 3.4.1

Test: Boat - Acceleration: OpenCL



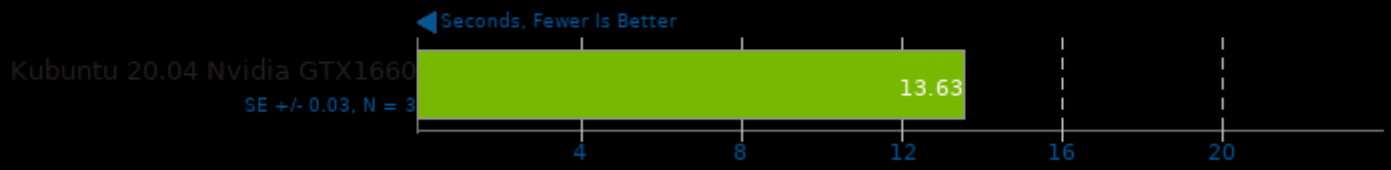
Darktable 3.4.1

Test: Boat - Acceleration: CPU-only



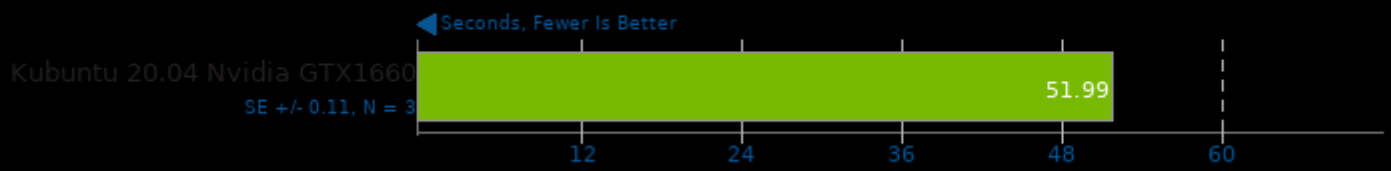
Darktable 3.4.1

Test: Masskrug - Acceleration: OpenCL



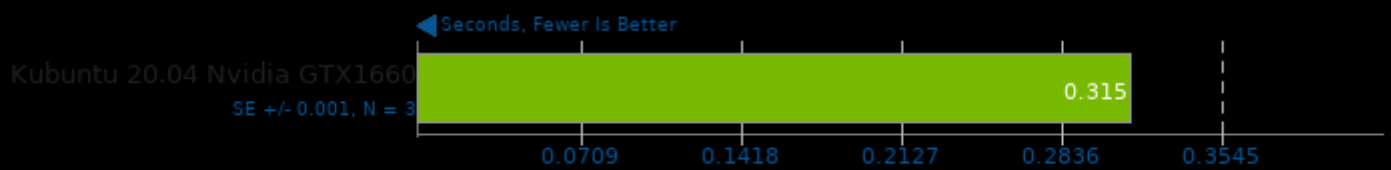
Darktable 3.4.1

Test: Masskrug - Acceleration: CPU-only



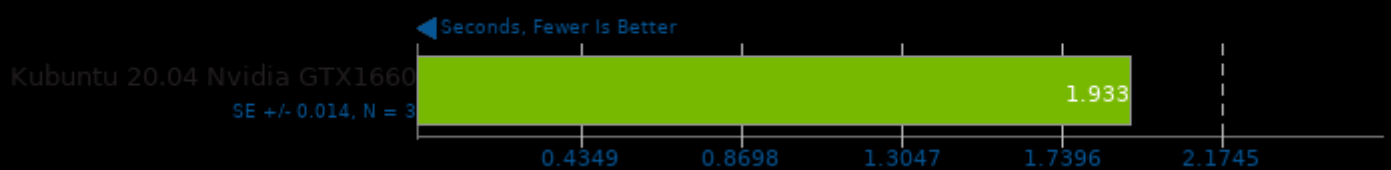
Darktable 3.4.1

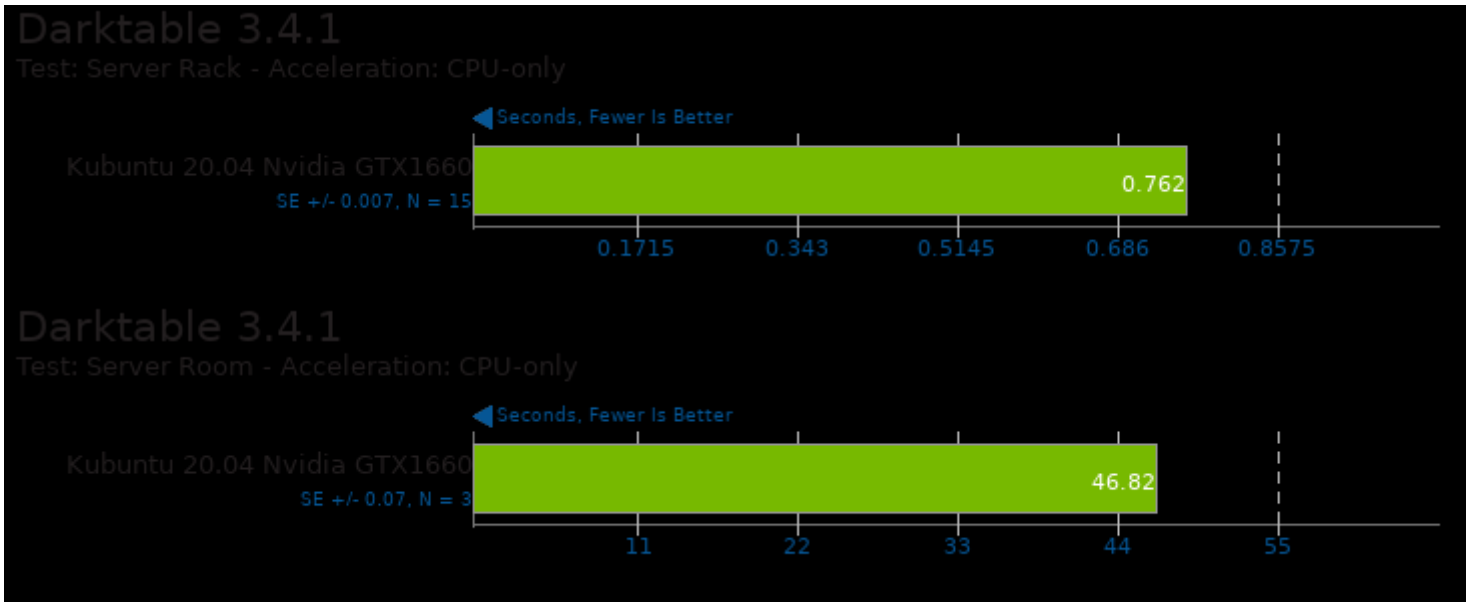
Test: Server Rack - Acceleration: OpenCL



Darktable 3.4.1

Test: Server Room - Acceleration: OpenCL





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