

www.phoronix-test-suite.com

darktable-105-nvidia-cards

AMD Ryzen 5 3600 6-Core testing with a ASUS TUF GAMING B550M-PLUS (1401 BIOS) and NVIDIA Quadro M4000 8GB on openSUSE 15.2 via the Phoronix Test Suite.

Test Systems:

Gigabyte GeForce GTX 1650 D6 OC 4G Rev.2.0

Processor: AMD Ryzen 5 3600 6-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASUS TUF GAMING B550M-PLUS (1401 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: 256GB Western Digital WDS256G1X0C-00ENX0, Graphics: NVIDIA GeForce GTX 1650 4GB (405/405MHz), Audio: NVIDIA TU116 HD Audio, Monitor: PMO S320-IQC, Network: Realtek RTL8125 2.5GbE

OS: openSUSE 15.2, Kernel: 5.3.18-lp152.63-default (x86_64), Desktop: KDE Plasma 5.18.6, Display Server: X Server 1.20.3, Display Driver: NVIDIA 460.39, OpenGL: 4.5.0, OpenCL: OpenCL 1.2 CUDA 11.2.136, Vulkan: 1.2.155, Compiler: GCC 7.5.0 + CUDA 11.2, File-System: btrfs, Screen Resolution: 2560x1440

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: Vulnerable + spectre_v1: Vulnerable:

__user pointer sanitization and usercopy barriers only; no swapgs barriers + spectre_v2: Vulnerable IBPB: disabled STIBP: disabled + srbds: Not affected + tsx_async_abort: Not affected

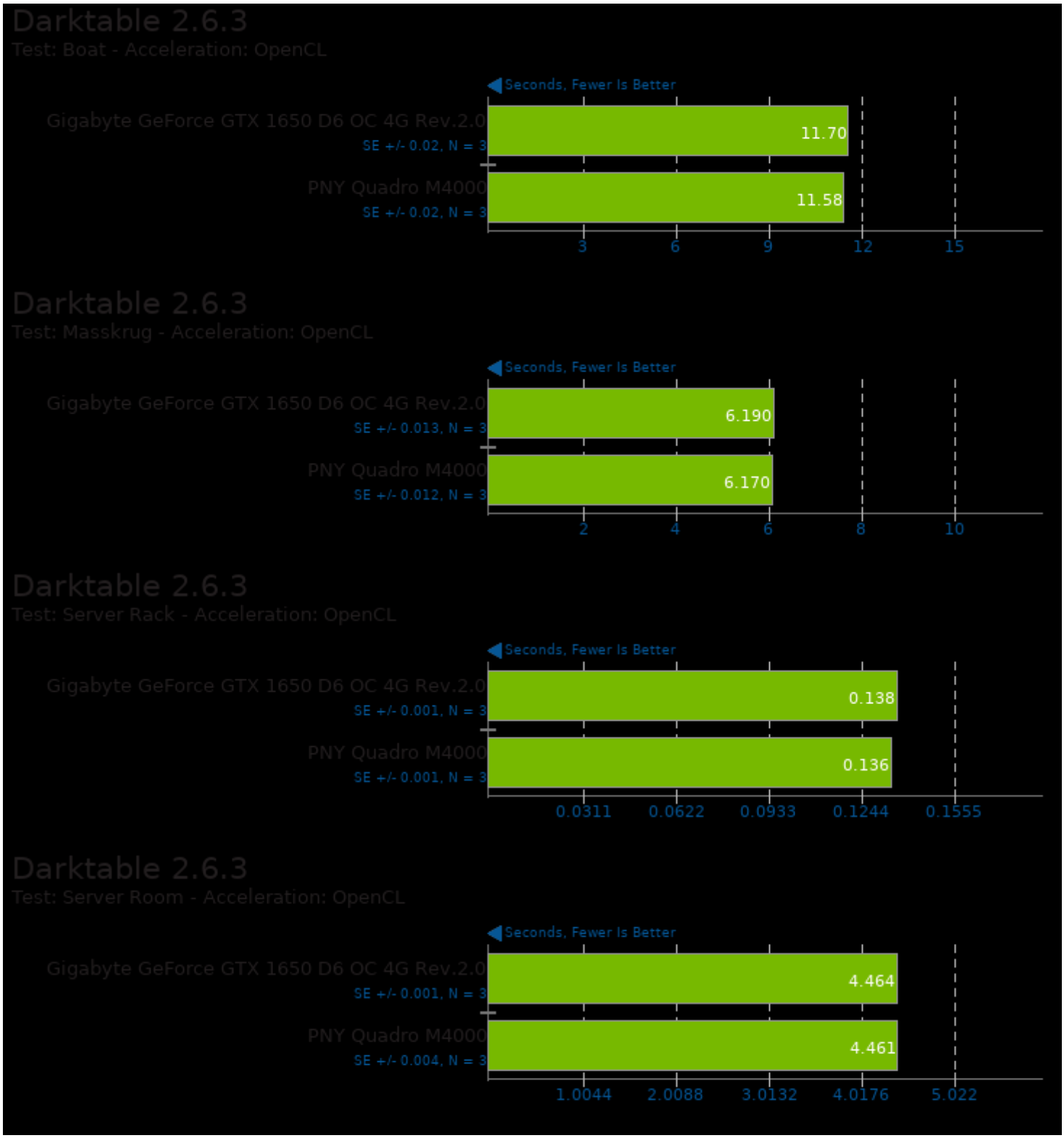
PNY Quadro M4000

Processor: AMD Ryzen 5 3600 6-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASUS TUF GAMING B550M-PLUS (1401 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: 256GB Western Digital WDS256G1X0C-00ENX0, Graphics: NVIDIA Quadro M4000 8GB (772/3004MHz), Audio: NVIDIA GM204 HD Audio, Monitor: PMO S320-IQC, Network: Realtek RTL8125 2.5GbE

OS: openSUSE 15.2, Kernel: 5.3.18-lp152.63-default (x86_64), Desktop: KDE Plasma 5.18.6, Display Server: X Server 1.20.3, Display Driver: NVIDIA 460.39, OpenGL: 4.5.0, OpenCL: OpenCL 1.2 CUDA 11.2.136, Vulkan: 1.2.155, Compiler: GCC 7.5.0 + CUDA 11.2, File-System: btrfs, Screen Resolution: 2560x1440

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: Vulnerable + spectre_v1: Vulnerable: __user pointer sanitization and usercopy barriers only; no swapgs barriers + spectre_v2: Vulnerable IBPB: disabled STIBP: disabled + srbds: Not affected + tsx_async_abort: Not affected

	Gigabyte GeForce GTX 1650 D6 OC 4G Rev.2.0	PNY Quadro M4000
Darktable - Boat - OpenCL (sec)	**11.704**	**11.578**
Normalized	98.92%	100%
Standard Deviation	0.2%	0.3%
Darktable - Masskrug - OpenCL (sec)	**6.190**	**6.170**
Normalized	99.68%	100%
Standard Deviation	0.4%	0.3%
Darktable - Server Rack - OpenCL (sec)	**0.138**	**0.136**
Normalized	98.55%	100%
Standard Deviation	1.1%	0.7%
Darktable - Server Room - OpenCL (sec)	**4.464**	**4.461**
Normalized	99.93%	100%
Standard Deviation	0%	0.1%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:31.