

www.phoronix-test-suite.com

heaven-default

AMD Ryzen 5 5600X 6-Core testing with a ASRock X570 Phantom Gaming 4 (P4.00 BIOS) and Sapphire AMD Radeon RX 470/480/570/570X/580/580X/590 8GB on Debian 11 via the Phoronix Test Suite.

Test Systems:

Dell G5 15 SE default settings

Dell G5 15 SE DRI_PRIME=1

Processor: AMD Ryzen 5 4600H @ 3.00GHz (6 Cores / 12 Threads), Motherboard: Dell 0F9F1J (1.3.0 BIOS), Chipset: AMD Renoir Root Complex, Memory: 8GB, Disk: PM991 NVMe Samsung 512GB, Graphics: AMD Renoir 512MB (1750/750MHz), Audio: AMD Navi 10 HDMI Audio, Network: Realtek RTL8111/8168/8411 + Intel Wi-Fi 6 AX200

OS: openSUSE 20200909, Kernel: 5.8.7-1-default (x86_64), Desktop: KDE Plasma 5.19.5, Display Server: X Server 1.20.9, Display Driver: amdgpu 19.1.0, OpenGL: 4.6 Mesa 20.1.7 (LLVM 10.0.1), Vulkan: 1.2.131, Compiler: GCC 10.2.1 20200825 [revision c0746a1beb1ba073c7981eb09f55b3d993b32e5c] + Clang 10.0.1 + LLVM 10.0.1, File-System: xfs, Screen Resolution: 1920x1080

Kernel Notes: amdgpu.runpm=0 amdgpu.ppfeaturemask=0xffffffff
Environment Notes: DRI_PRIME=1
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8600102
Graphics Notes: GLAMOR
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: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

Ryzen 5 5600 w/ HT

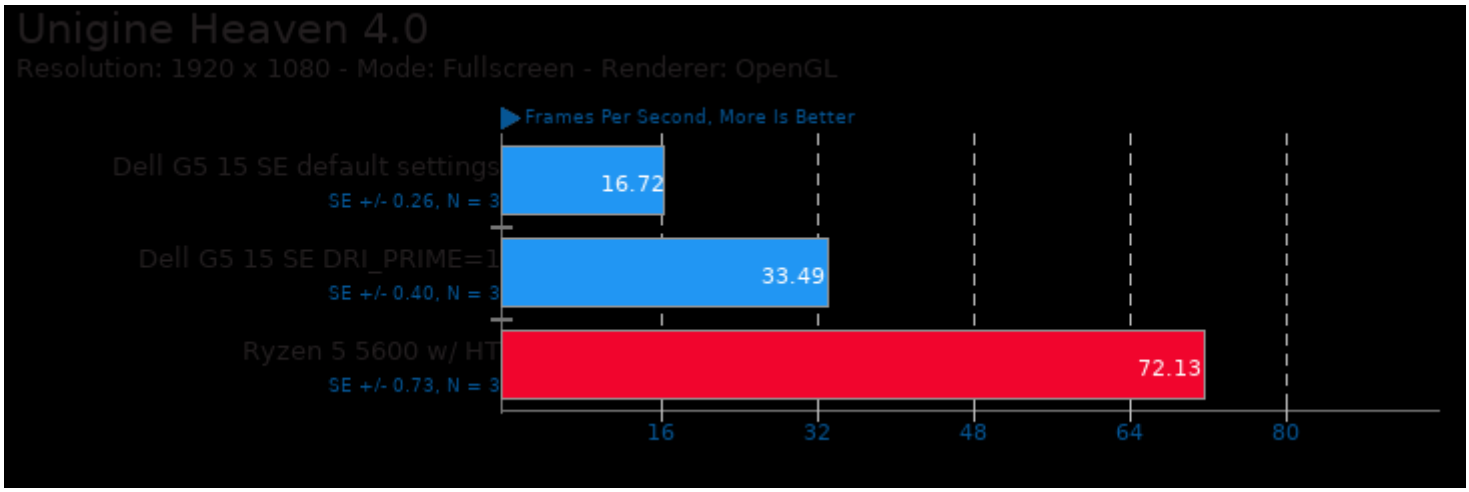
Processor: AMD Ryzen 5 5600X 6-Core @ 3.70GHz (6 Cores / 12 Threads), Motherboard: ASRock X570 Phantom Gaming 4 (P4.00 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: 1024GB ADATA SX8200PNP + 128GB PLEXTOR PX-128S3 + 60GB Corsair Force LS + 4001GB Seagate ST4000DM000-1F21 + 8GB DataTraveler 2.0, Graphics: Sapphire AMD Radeon RX 470/480/570/570X/580/580X/590 8GB (1342/2000MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: marantz-AVR, Network: Intel I211

OS: Debian 11, Kernel: 5.10.0-7-amd64 (x86_64), Desktop: Cinnamon 4.8.6, Display Server: X Server 1.20.11, OpenGL: 4.6 Mesa 20.3.4 (LLVM 11.0.1), OpenCL: OpenCL 1.1 Mesa 20.3.4, Vulkan: 1.2.145, Compiler: GCC 10.2.1 20210110 + Clang 11.0.1-2, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: always
Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Enabled) - CPU Microcode: 0xa201009
Graphics Notes: GLAMOR
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

	Dell G5 15 SE default settings	Dell G5 15 SE DRI_PRIME=1	Ryzen 5 5600 w/ HT
Unigine Heaven - 1920 x 1080 - Fullscreen - OpenGL (FPS)	**16.7157**	33.4930	**72.1304**
Normalized	23.17%	46.43%	100%
Standard Deviation	2.7%	2.1%	1.7%

heaven-default



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 17:05.