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CoreCTRL High

AMD Ryzen 7 1700 Eight-Core testing with a ASUS ROG STRIX B350-F GAMING (5603 BIOS) and Gigabyte AMD Radeon RX 470/480/570/570X/580/580X/590 4GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

high

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Processor: AMD Ryzen 7 1700 Eight-Core @ 3.00GHz (8 Cores / 16 Threads), Motherboard: ASUS ROG STRIX B350-F GAMING (5603 BIOS), Chipset: AMD 17h, Memory: 16GB, Disk: Samsung SSD 960 EVO 250GB + 1000GB Western Digital WD1003FZEX-0 + 1000GB Samsung SSD 860, Graphics: Gigabyte AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1280/1750MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: Acer XF270HU + 24G2W1G5, Network: Intel I211

OS: Ubuntu 20.04, Kernel: 5.9.10-050910-generic (x86_64), Desktop: KDE Plasma 5.18.5, Display Server: X Server 1.20.8, Display Driver: modesetting 1.20.8, OpenGL: 4.6 Mesa 20.3.0-rc2 (LLVM 11.0.0), Vulkan: 1.2.145, Compiler:

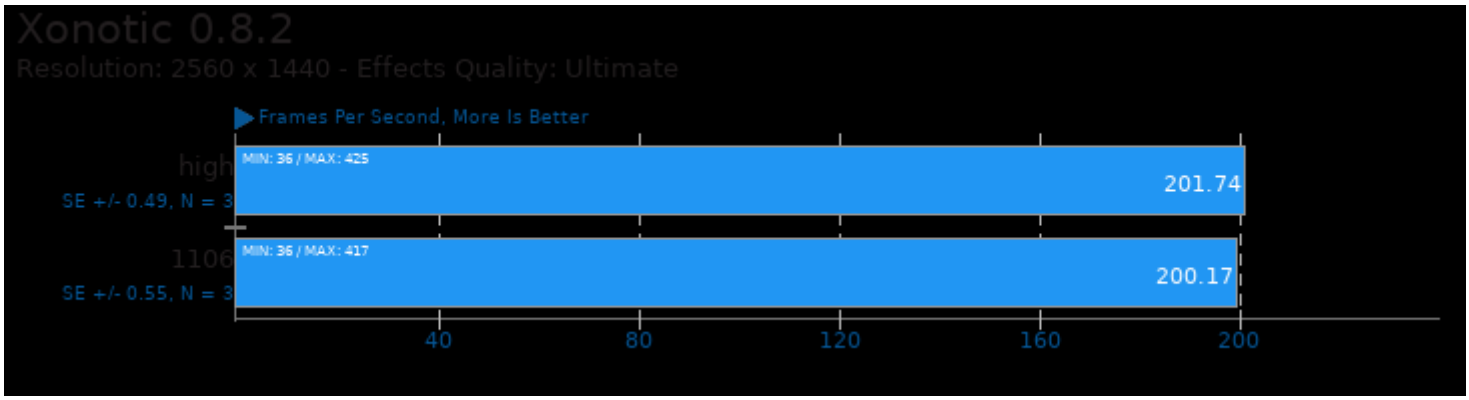
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GCC 9.3.0, File-System: ext4, Screen Resolution: 4480x1440

Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8001138
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 STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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Xonotic - 2560 x 1440 - Ultimate (FPS)	**201.7394029**	**200.1742841**
Normalized	100%	99.22%
Standard Deviation	0.4%	0.5%

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