

www.phoronix-test-suite.com

q2rtx_4k

AMD Ryzen 5 5600X 6-Core testing with a Gigabyte B550I AORUS PRO AX (F15 BIOS) and AMD Radeon RX 6700 XT 12GB on Fedora Linux 37 via the Phoronix Test Suite.

Test Systems:

mesa git 23.0 + kernel 6.0

Processor: AMD Ryzen 5 5600X 6-Core @ 3.70GHz (6 Cores / 12 Threads), Motherboard: Gigabyte B550I AORUS PRO AX (F15 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: Samsung SSD 970 EVO 500GB + 4 x 6001GB Western Digital WD60EFRX-68L, Graphics: AMD Radeon RX 6700 XT 12GB (2500/1000MHz), Audio: AMD Navi 21/23, Monitor: VP2768-4k, Network: Realtek RTL8125 2.5GbE + Intel Wi-Fi 6 AX200

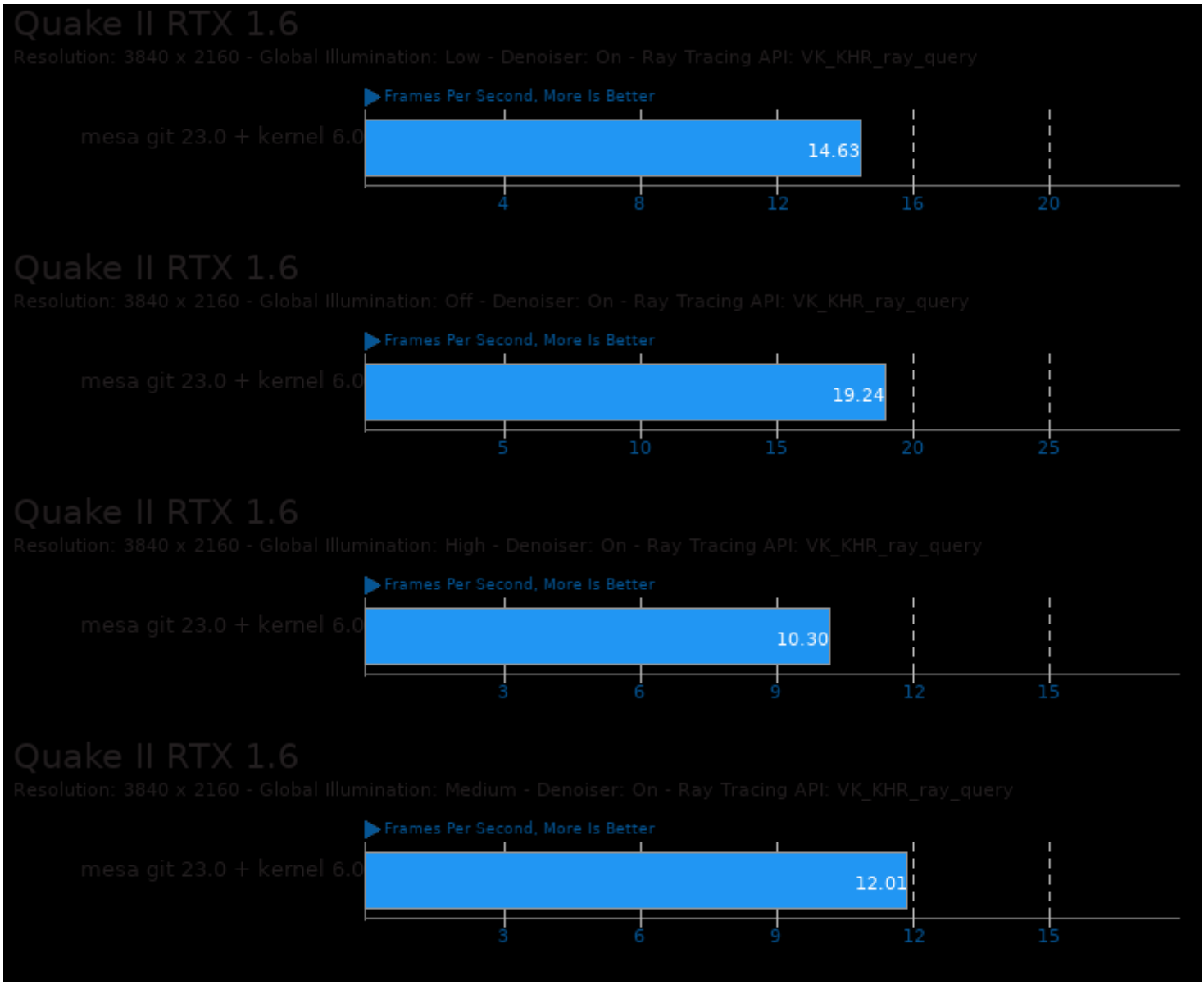
OS: Fedora Linux 37, Kernel: 6.0.7-350.vanilla.1.fc37.x86_64 (x86_64), Desktop: GNOME Shell 43.0, Display Server: X Server 1.20.11 + Wayland, OpenGL: 4.6 Mesa 23.0.0-devel (LLVM 15.0.0 DRM 3.48), OpenCL: OpenCL 1.1 Mesa 23.0.0-devel, Vulkan: 1.3.230, Compiler: GCC 12.2.1 20220819, File-System: btrfs, Screen Resolution: 3840x2160

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff - Transparent Huge Pages: madvise
Environment Notes: RADV_PERFTEST=rt

q2rtx_4k

Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa201016
Graphics Notes: BAR1 / Visible vRAM Size: 12272 MB - vBIOS Version: 113-D5121100-101
Security Notes: SELinux + itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IBPB: conditional IBRS_FW STIBP: always-on RSB filling PBRSB-eIBRS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

	mesa git 23.0 + kernel 6.0
Quake II RTX - 3840 x 2160 - Low - On - VK_KHR_ray_query (FPS)	14.630527
Quake II RTX - 3840 x 2160 - Off - On - VK_KHR_ray_query (FPS)	19.236631
Quake II RTX - 3840 x 2160 - High - On - VK_KHR_ray_query (FPS)	10.303218
Quake II RTX - 3840 x 2160 - Medium - On - VK_KHR_ray_query (FPS)	12.014241



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 01:46.