

www.phoronix-test-suite.com

sapphire rx 5500 xt nitro 8gb

Intel Core i5-6500 testing with a Dell 02K9CR (2.18.0 BIOS) and Sapphire AMD Radeon RX 5500/5500M / Pro 5500M 8GB on ManjaroLinux 21.1.0 via the Phoronix Test Suite.

Test Systems:

Sapphire AMD Radeon RX 5500

Processor: Intel Core i5-6500 @ 3.60GHz (4 Cores), Motherboard: Dell 02K9CR (2.18.0 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 16GB, Disk: 1000GB HGST HTS721010A9 + 6001GB Western Digital WD60EZAZ-00Z, Graphics: Sapphire AMD Radeon RX 5500/5500M / Pro 5500M 8GB (1050MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: Acer KG241Q, Network: Intel I219-LM

OS: ManjaroLinux 21.1.0, Kernel: 5.13.8-1-MANJARO (x86_64), Desktop: GNOME Shell 40.3, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.1.6 (LLVM 12.0.1), Vulkan: 1.2.168, Compiler: GCC 11.1.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: amdgpu.ppfeaturemask=0xffffffff - Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate performance - CPU Microcode: 0xea

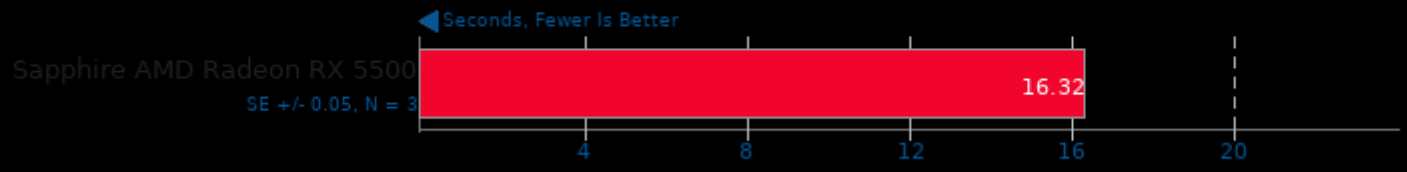
sapphire rx 5500 xt nitro 8gb

Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT disabled + mds: Mitigation of Clear buffers; SMT disabled + meltdown: Mitigation of PTI + 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 generic retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Mitigation of Microcode + tsx_async_abort: Mitigation of Clear buffers; SMT disabled

	Sapphire AMD Radeon RX 5500
RealSR-NCNN - 4x - No (sec)	16.321
Standard Deviation	0.5%
RealSR-NCNN - 4x - Yes (sec)	106.353
Standard Deviation	0%
Unigine Superposition - 1920 x 1080 - Fullscreen - Ultra - OpenGL (FPS)	19
Standard Deviation	0%
Unigine Superposition - 1920 x 1080 - Fullscreen - High - OpenGL (FPS)	47.6
Standard Deviation	0%
VkFFT (Benchmark Score)	12615
Standard Deviation	0.2%
vkpeak - fp32-scalar (GFLOPS)	5214
Standard Deviation	0%
vkpeak - fp32-vec4 (GFLOPS)	5182
Standard Deviation	0%
vkpeak - fp16-scalar (GFLOPS)	5223
Standard Deviation	0%
vkpeak - fp16-vec4 (GFLOPS)	5216
Standard Deviation	0%
vkpeak - fp64-scalar (GFLOPS)	164.73
Standard Deviation	0.2%
vkpeak - fp64-vec4 (GFLOPS)	164.4
Standard Deviation	0%
vkpeak - int32-scalar (GIOPS)	900.39
Standard Deviation	0.1%
vkpeak - int32-vec4 (GIOPS)	1051
Standard Deviation	0%
vkpeak - int16-scalar (GIOPS)	2617
Standard Deviation	0.1%
vkpeak - int16-vec4 (GIOPS)	2619
Standard Deviation	0.1%
Waifu2x-NCNN Vulkan - 2x - 3 - Yes (sec)	7.425
Standard Deviation	0.2%

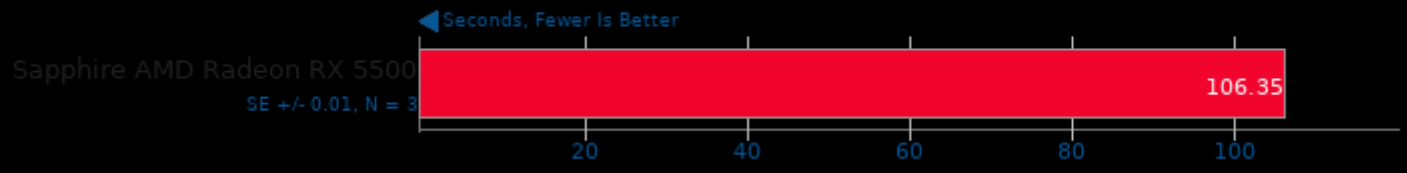
RealSR-NCNN 20200818

Scale: 4x - TAA: No



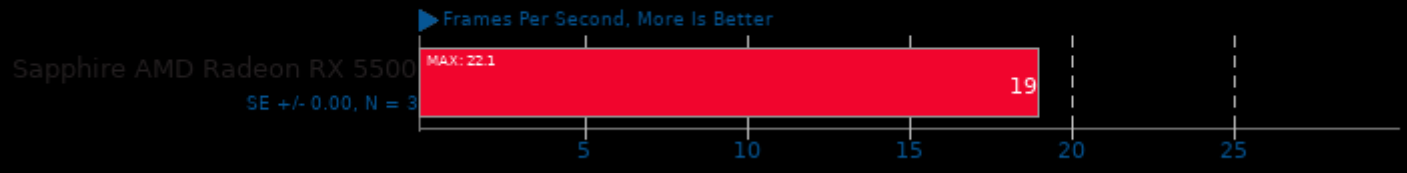
RealSR-NCNN 20200818

Scale: 4x - TAA: Yes



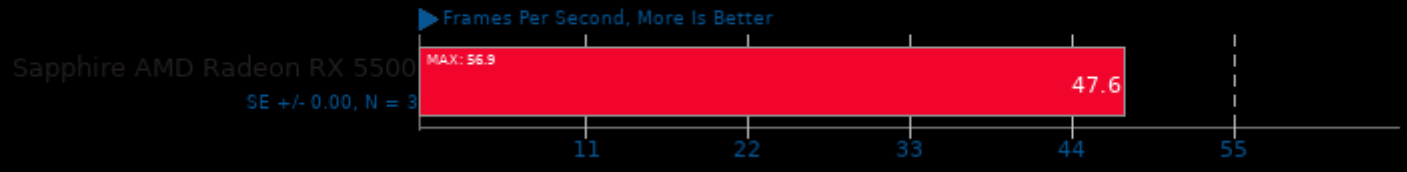
Unigine Superposition 1.0

Resolution: 1920 x 1080 - Mode: Fullscreen - Quality: Ultra - Renderer: OpenGL

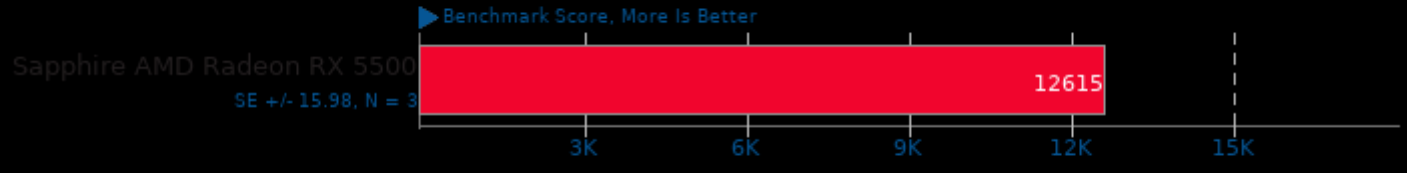


Unigine Superposition 1.0

Resolution: 1920 x 1080 - Mode: Fullscreen - Quality: High - Renderer: OpenGL



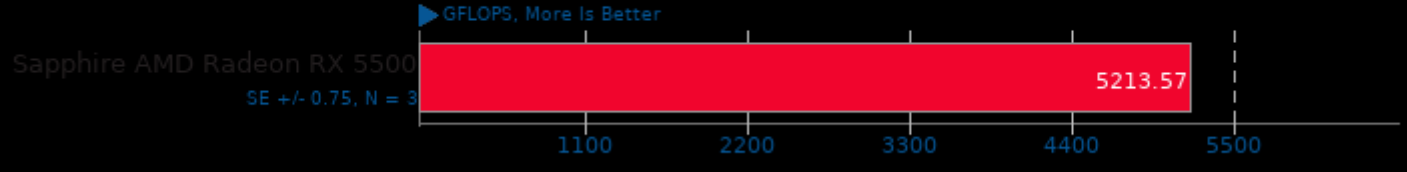
VkFFT 1.1.1



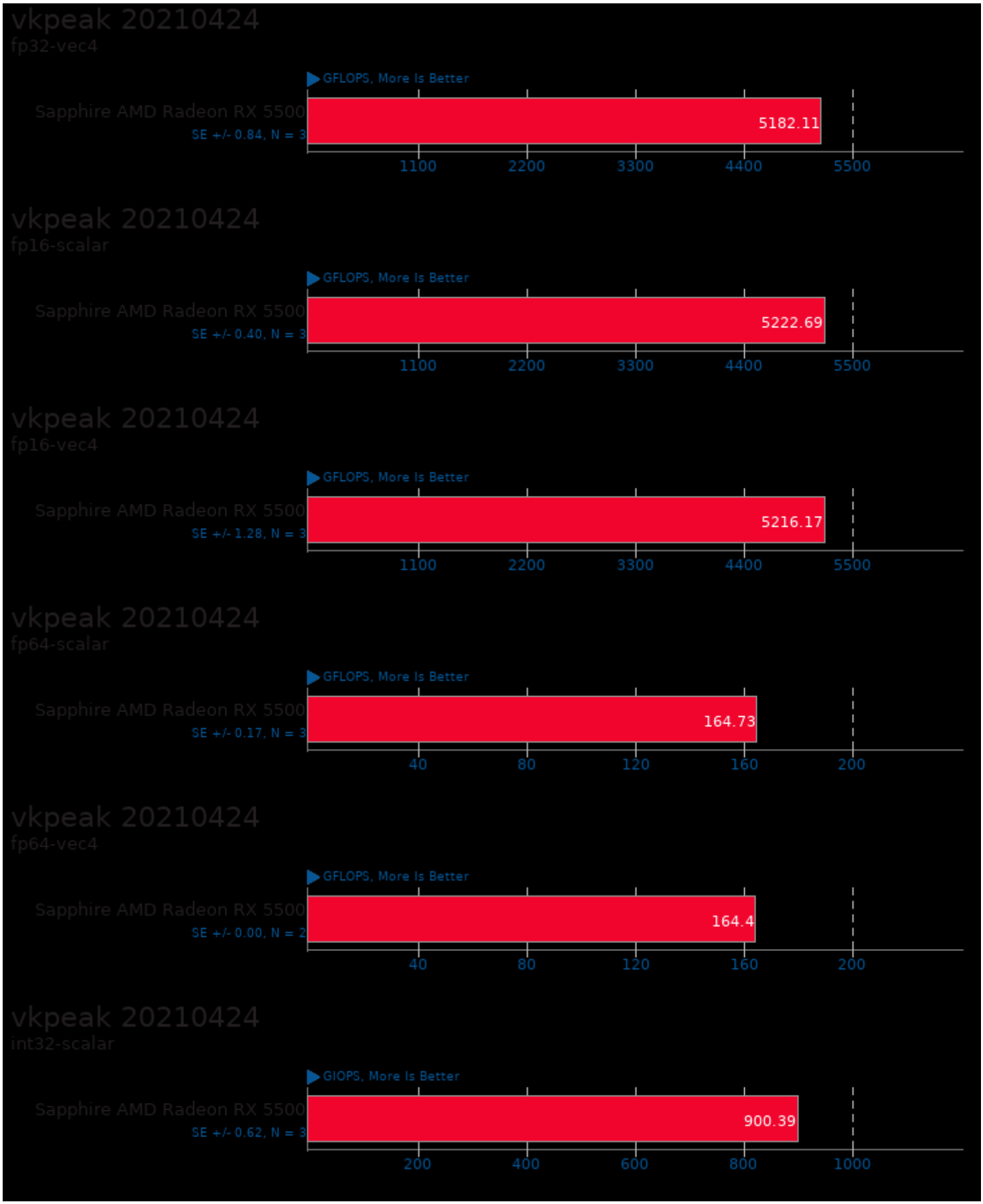
1. (CXX) g++ options: -O3 -pthread

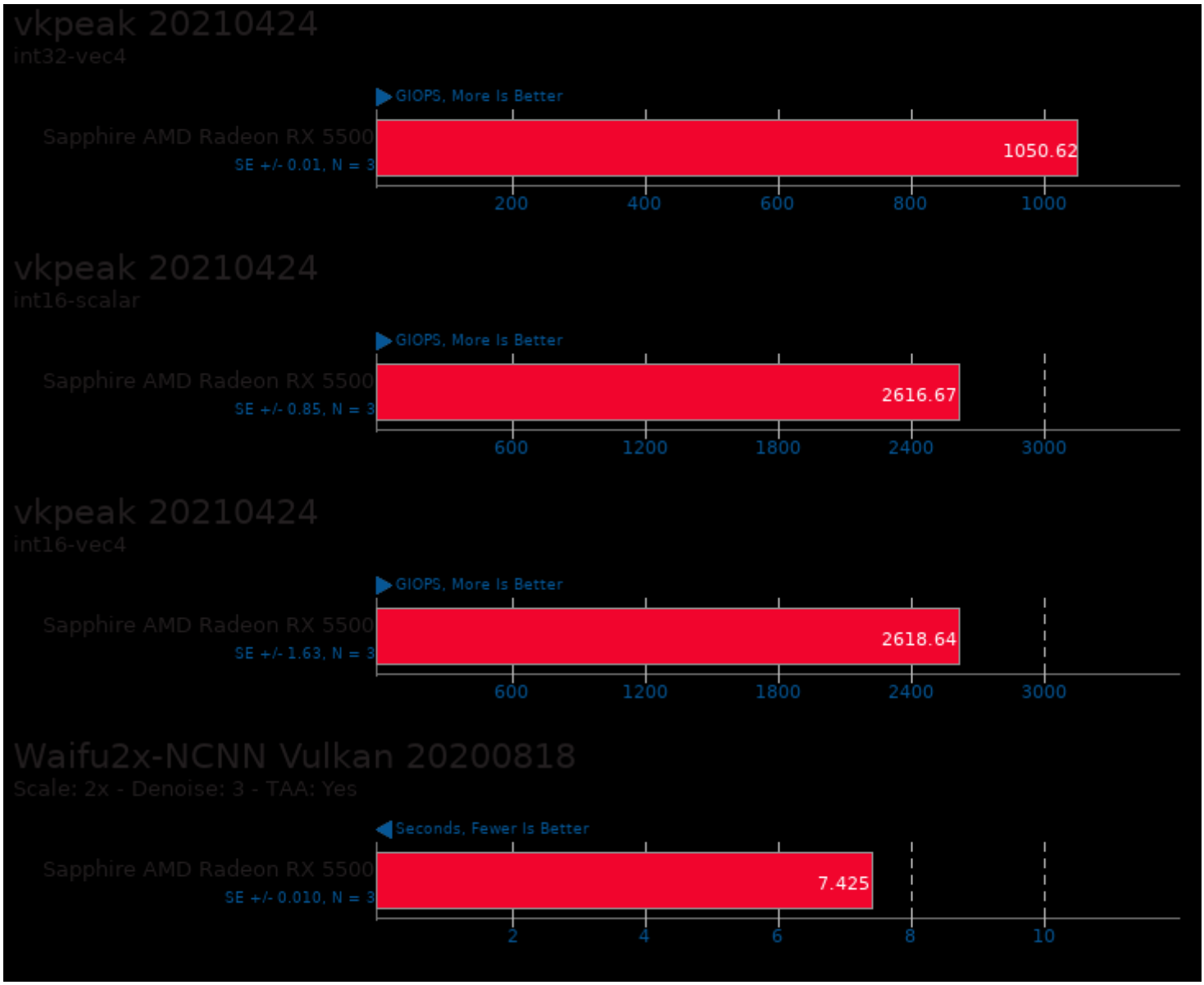
vkpeak 20210424

fp32-scalar



sapphire rx 5500 xt nitro 8gb





This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 06:57.