

www.phoronix-test-suite.com

foo

AMD Ryzen 9 5950X 16-Core testing with a ASUS TUF GAMING B550-PLUS (2407 BIOS) and ASUS NVIDIA GeForce RTX 3090 24GB on Ubuntu 21.10 via the Phoronix Test Suite.

Test Systems:

first

blender

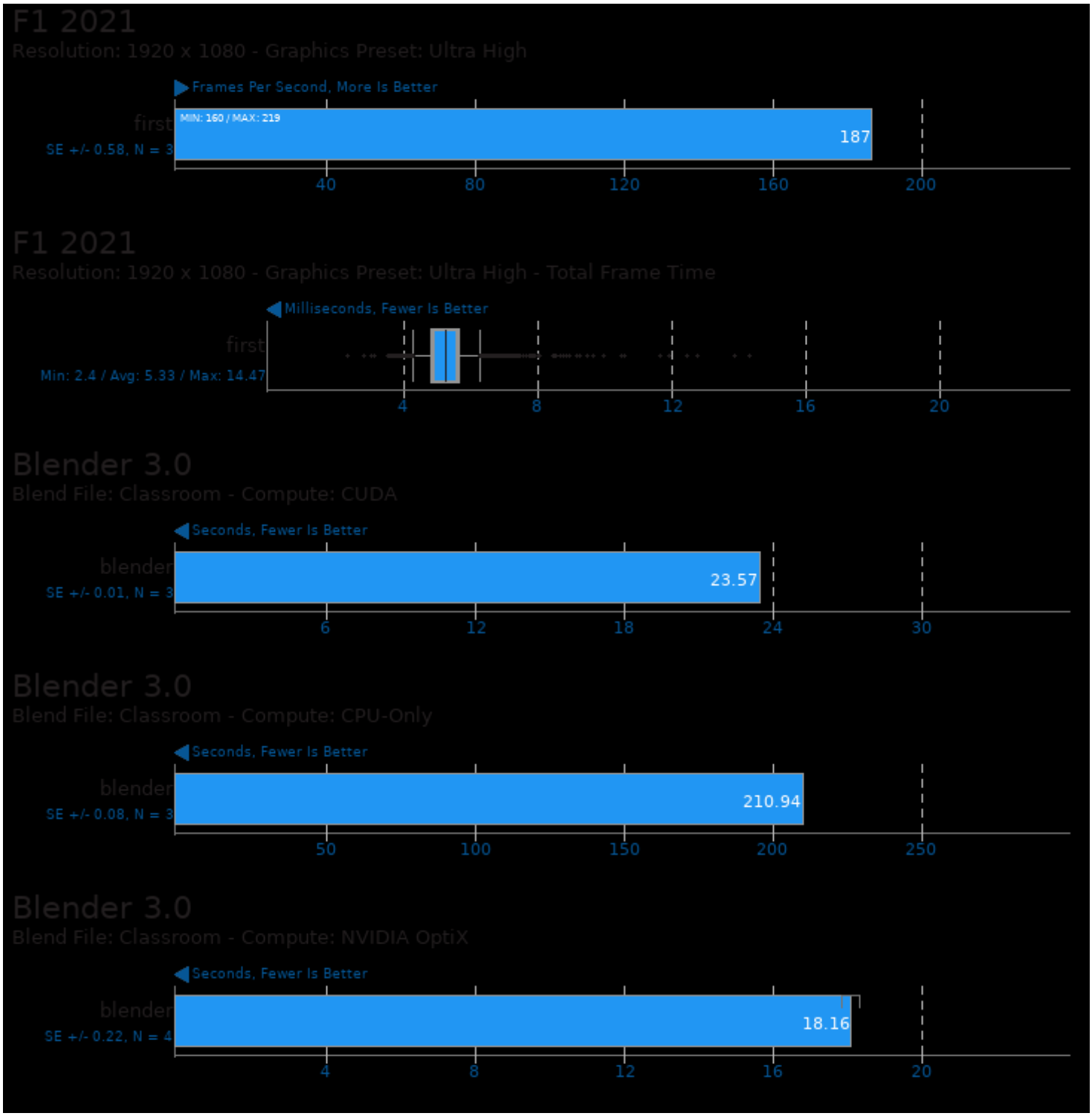
Processor: AMD Ryzen 9 5950X 16-Core @ 3.40GHz (16 Cores / 32 Threads), Motherboard: ASUS TUF GAMING B550-PLUS (2407 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 2 x Samsung SSD 980 PRO 500GB + 2 x 4001GB Seagate ST4000LM024-2AN1, Graphics: ASUS NVIDIA GeForce RTX 3090 24GB, Audio: NVIDIA GA102 HD Audio, Monitor: Index HMD + BenQ GL2760, Network: Realtek RTL8125 2.5GbE

OS: Ubuntu 21.10, Kernel: 5.13.0-28-generic (x86_64), Desktop: KDE Plasma 5.22.5, Display Server: X Server 1.20.13, Display Driver: NVIDIA 470.86, OpenGL: 4.6.0, Compiler: GCC 11.2.0, File-System: zfs, Screen Resolution: 1920x1080

foo

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Enabled) - CPU Microcode: 0xa201016
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

	first	blender
F1 2021 - 1920 x 1080 - Ultra High (FPS)	187	
Standard Deviation	0.5%	
Blender - Classroom - CUDA (sec)		23.57
Standard Deviation		0.1%
Blender - Classroom - CPU-Only (sec)		210.94
Standard Deviation		0.1%
Blender - Classroom - NVIDIA OptiX (sec)		18.16
Standard Deviation		2.4%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:27.