

www.phoronix-test-suite.com

testnova

Intel Core i9-10900K testing with a ASUS ROG STRIX Z490-F GAMING (1003 BIOS) and Gigabyte NVIDIA GeForce RTX 2080 Ti 11GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

Intel Core i9-10900K - Gigabyte NVIDIA GeForce RTX

Processor: Intel Core i9-10900K @ 5.30GHz (10 Cores / 20 Threads), Motherboard: ASUS ROG STRIX Z490-F GAMING (1003 BIOS), Chipset: Intel Comet Lake PCH, Memory: 2 x 16384 MB DDR4-3600MT/s, Disk: 1000GB AS Velocity G4 1TB + 1000GB Western Digital WD10EZEX-00W, Graphics: Gigabyte NVIDIA GeForce RTX 2080 Ti 11GB, Audio: Realtek ALC1220, Monitor: X315 PRO, Network: Intel Device 15f3 + Intel Wi-Fi 6 AX200

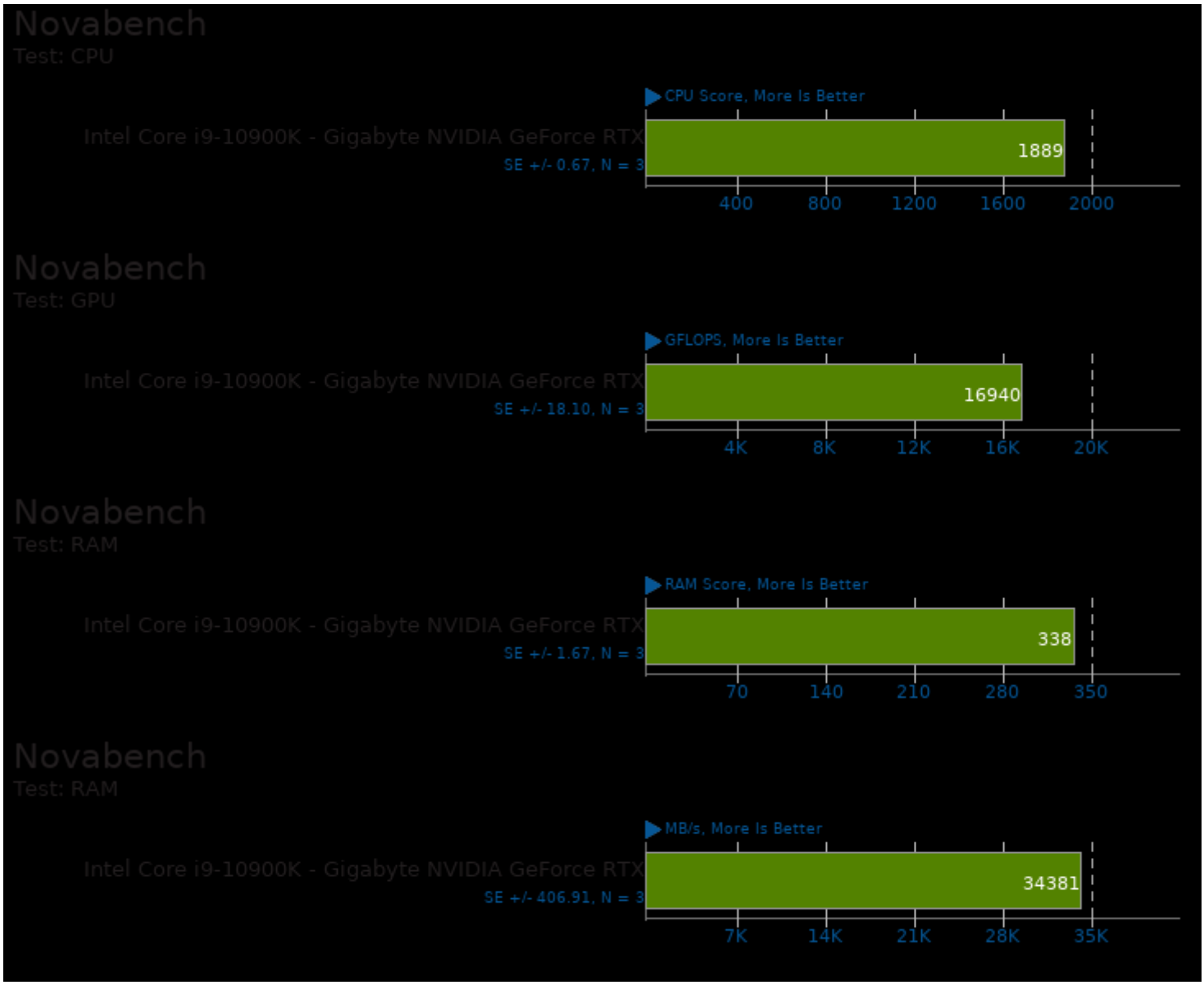
OS: Ubuntu 20.04, Kernel: 5.8.0-45-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.9, Display Driver: NVIDIA 460.39, OpenGL: 4.6.0, OpenCL: OpenCL 1.2 CUDA 11.2.136, Vulkan: 1.2.155, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 2560x1440

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xe2 - Thermald 1.9.1

testnova

Security Notes: itlb_multihit: KVM: Mitigation of VMX unsupported + 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 Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	Intel Core i9-10900K - Gigabyte NVIDIA GeForce RTX
Novabench - CPU (CPU Score)	1889
Standard Deviation	0.1%
Novabench - GPU (GFLOPS)	16940
Standard Deviation	0.2%
Novabench - RAM (RAM Score)	338
Standard Deviation	0.9%
Novabench - RAM (MB/s)	34381
Standard Deviation	2%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 00:39.