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AMD Ryzen 9 3900X 12-Core Performance

Various open-source benchmarks by the Phoronix Test Suite v10.8.4.

Test Systems:

AMD Ryzen 9 3900X 12-Core

Processor: AMD Ryzen 9 3900X 12-Core @ 5.80GHz (12 Cores / 24 Threads), Motherboard: ASRock Rack X470D4U2-2T (L4.14 BIOS), Chipset: AMD Starship/Matisse, Memory: 32 GB + 8 GB + 32 GB + 8 GB DDR4-2666MT/s, Disk: 400GB INTEL SSDSC2BA40 + 64GB Flash Drive, Graphics: ASPEED, Audio: AMD Starship/Matisse, Monitor: HP E231, Network: 2 x Intel 10G X550T

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Compiler: GCC 10.2.1 20210110, File-System: btrfs, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: always

Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Disabled) - CPU Microcode: 0x8701021

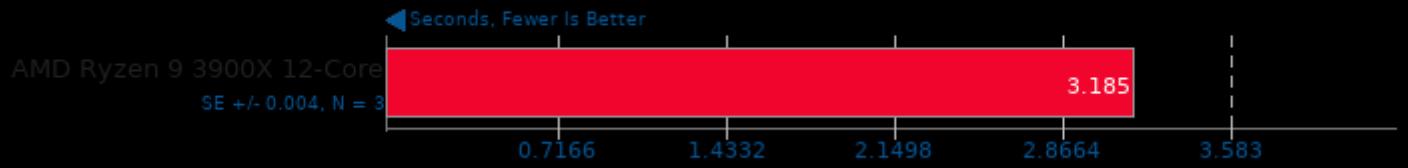
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Mitigation of untrained return thunk; SMT enabled with STIBP protection + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IPBP: conditional STIBP: always-on RSB filling PBRSB-eIBRS: Not affected

+ srbds: Not affected + tsx_async_abort: Not affected

AMD Ryzen 9 3900X 12-Core**System GZIP Decompression (sec)** 3.185

Standard Deviation 0.2%

System GZIP Decompression



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:32.