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pgbench-001

AMD Ryzen 9 7950X 16-Core testing with a ASRock X670E Pro RS (1.03 BIOS) and eVGA NVIDIA GeForce GTX 1060 6GB on Ubuntu 22.04 via the Phoronix Test Suite.

Test Systems:

AMD Ryzen 9 7950X 16-Core - eVGA NVIDIA GeForce GTX

Processor: AMD Ryzen 9 7950X 16-Core @ 5.88GHz (16 Cores / 32 Threads), Motherboard: ASRock X670E Pro RS (1.03 BIOS), Chipset: AMD Device 14d8, Memory: 128GB, Disk: 2 x 2048GB KINGSTON SKC3000D2048G + 1920GB SDLF1CRR-019T-1H, Graphics: eVGA NVIDIA GeForce GTX 1060 6GB, Audio: NVIDIA GP106 HD Audio, Monitor: LEN T27i-10, Network: Realtek RTL8125 2.5GbE + MEDIATEK Device 0616

OS: Ubuntu 22.04, Kernel: 5.15.0-58-generic (x86_64), Desktop: GNOME Shell 42.5, Display Server: X Server 1.21.1.3 + Wayland, Display Driver: nouveau, OpenGL: 4.3 Mesa 22.0.5, Vulkan: 1.2.204, Compiler: GCC 11.3.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --enable-checking=release --enable-clocale=gnu

--enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-11-xKiWfi/gcc-11-11.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-xKiWfi/gcc-11-11.3.0/debian/tmp-gcn/usr --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: amd-pstate schedutil (Boost: Enabled) - CPU Microcode: 0xa601201
Security Notes: 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 and seccomp + 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

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PostgreSQL - 1 - 500 - Read Only - Average Latency (ms)	0.268
Standard Deviation	1.1%
PostgreSQL - 1 - 500 - Read Only (TPS)	1865446
Standard Deviation	1.1%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 00:46.