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Kernel_5.4.0-default-PG

Intel Core i5-8400H testing with a Dell 0YRWN0 (1.13.1 BIOS) and NVIDIA Quadro P1000 4GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

Kernel_5.4.0-default

Processor: Intel Core i5-8400H @ 2.50GHz (4 Cores / 8 Threads), Motherboard: Dell 0YRWN0 (1.13.1 BIOS), Chipset: Intel Cannon Lake PCH, Memory: 16GB, Disk: KXG50ZNV512G NVMe TOSHIBA 512GB, Graphics: NVIDIA Quadro P1000 4GB (1493/3003MHz), Audio: Realtek ALC289, Network: Intel I219-LM + Intel-AC 9260

OS: Ubuntu 20.04, Kernel: 5.4.0-48-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.8, Display Driver: NVIDIA 450.80.02, OpenGL: 4.6.0, Compiler: GCC 9.3.0 + Clang 10.0.0-4ubuntu1, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --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++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --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-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: intel_pstate powersave - CPU Microcode: 0xd6
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + 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: conditional RSB filling + srbds: Mitigation of Microcode + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

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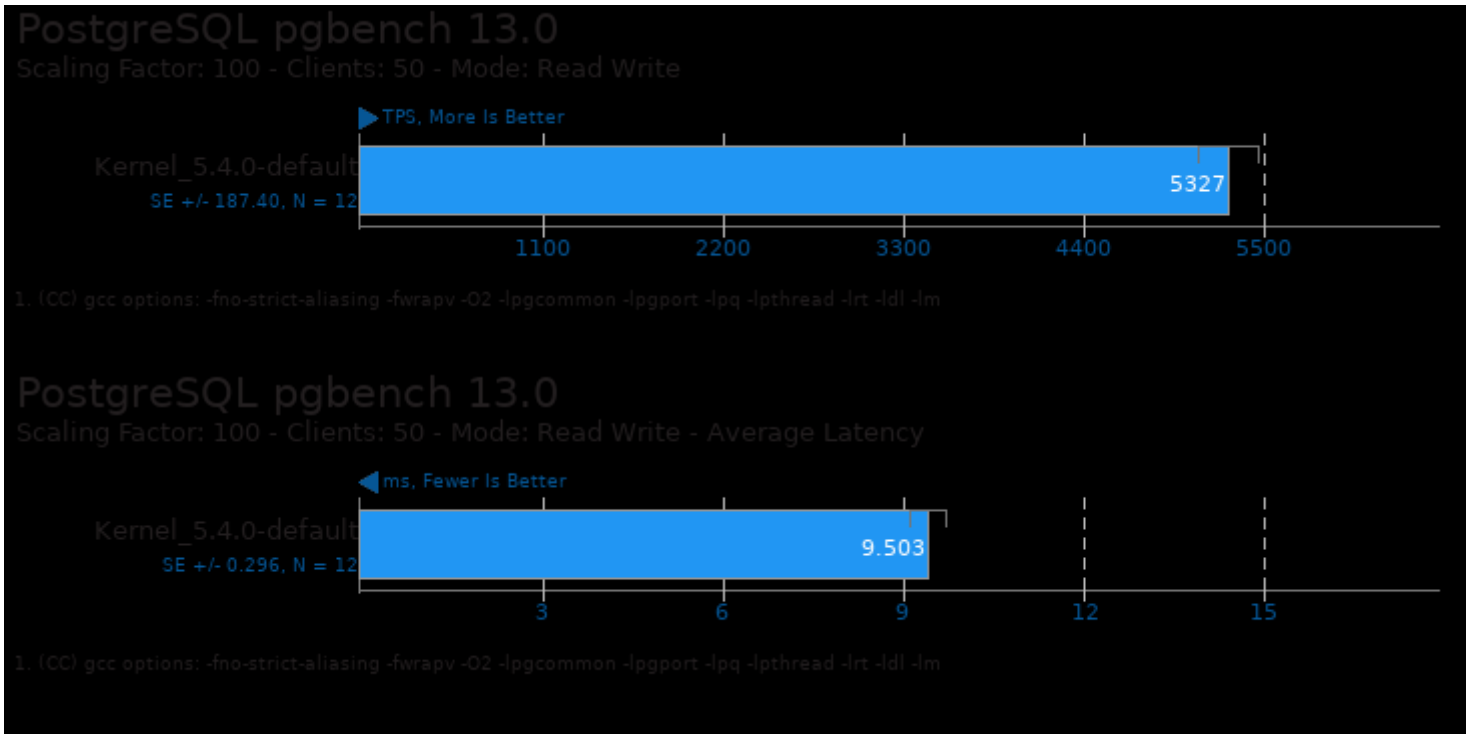
PostgreSQL pgbench - 100 - 50 - Read Write (TPS)	5327
Standard Deviation	12.2%
PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency	9.503
Standard Deviation	10.8%



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