

www.phoronix-test-suite.com

pgbenchlinperformance

Intel Core i5-8600K testing with a ASRock Z370M Pro4 (P4.20 BIOS) and eVGA NVIDIA GeForce GTX 1070 8GB on Pop 20.10 via the Phoronix Test Suite.

Test Systems:

pgbenchlinperformance

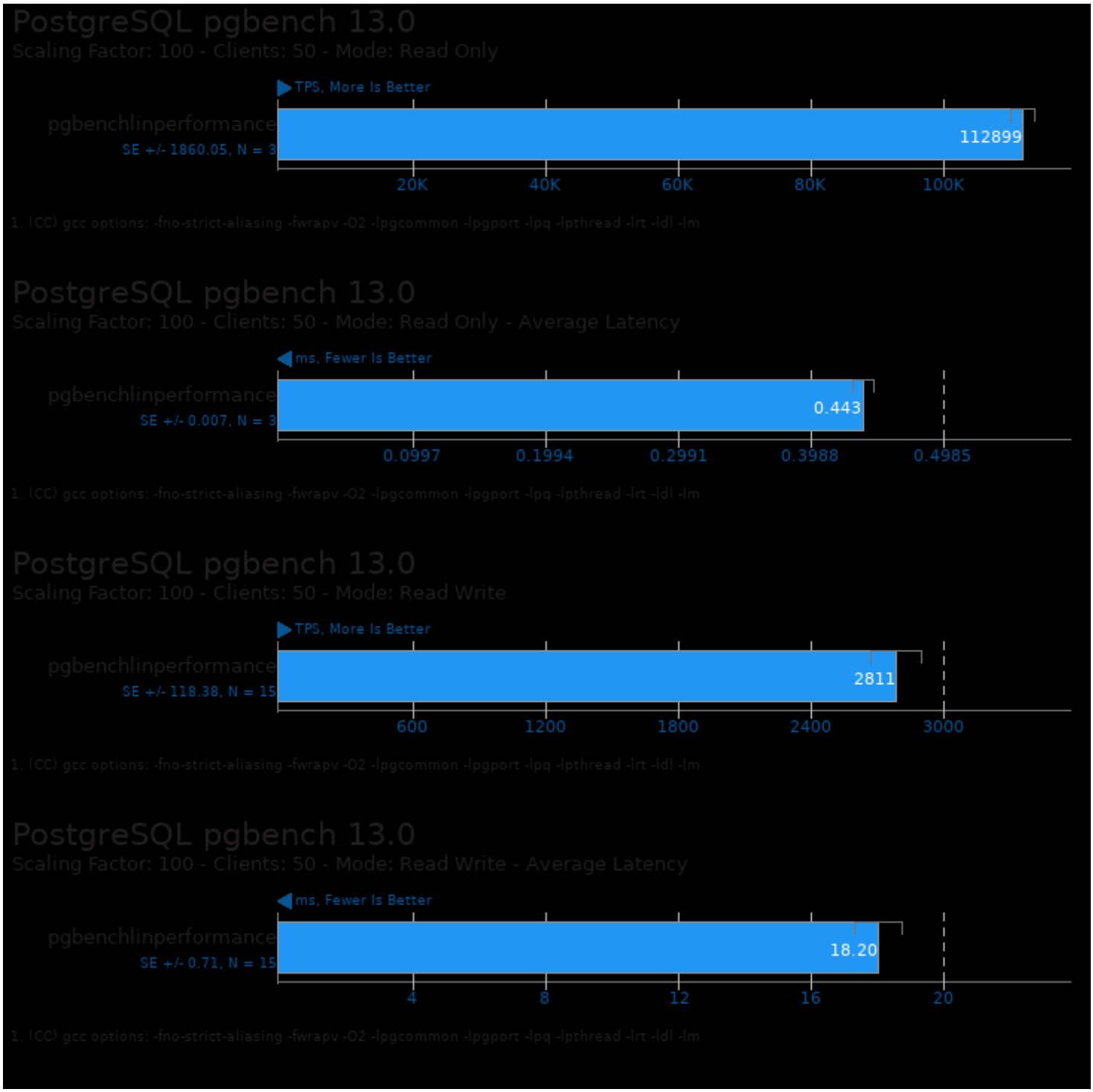
Processor: Intel Core i5-8600K @ 4.30GHz (6 Cores), Motherboard: ASRock Z370M Pro4 (P4.20 BIOS), Chipset: Intel 8th Gen Core, Memory: 32GB, Disk: 1000GB Samsung SSD 860 + 500GB Samsung SSD 850 + 1000GB Western Digital WD10EZEX-22M + 2000GB Western Digital WD2003FZEX-0 + 1000GB Western Digital WD10EZRX-00L + 1000GB Hitachi HDS72101, Graphics: eVGA NVIDIA GeForce GTX 1070 8GB, Audio: NVIDIA GP104 HD Audio, Monitor: 2 x 24G2W1G4, Network: Intel I219-V

OS: Pop 20.10, Kernel: 5.11.0-7614-generic (x86_64), Desktop: GNOME Shell 3.38.3, Display Server: X Server 1.20.9, Display Driver: NVIDIA 460.67, OpenGL: 4.6.0, OpenCL: OpenCL 1.2 CUDA 11.2.162, Vulkan: 1.2.155, Compiler: GCC 10.2.0 + Clang 11.0.0-2 + CUDA 11.0, File-System: ext4, Screen Resolution: 3840x1080

pgbenchlinperformance

Kernel Notes: Transparent Huge Pages: madvise
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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-JvwpWM/gcc-10-10.2.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-JvwpWM/gcc-10-10.2.0/debian/tmp-gcn/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 performance - CPU Microcode: 0xde - Thermald 2.3
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT disabled + mds: Mitigation of Clear buffers; SMT disabled + 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: disabled RSB filling + srbds: Mitigation of Microcode + tsx_async_abort: Mitigation of Clear buffers; SMT disabled

	pgbenchlinperformance
PostgreSQL pgbench - 100 - 50 - Read Only (TPS)	112899
Standard Deviation	2.9%
PostgreSQL pgbench - 100 - 50 - Read Only - Average Latency (ms)	0.443
Standard Deviation	2.9%
PostgreSQL pgbench - 100 - 50 - Read Write (TPS)	2811
Standard Deviation	16.3%
PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency	18.201
Standard Deviation	15.1%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 22:28.