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henny-ribeye-2950x-postgres

Intel Core i7-3930K testing with a ASUS SABERTOOTH X79 (4608 BIOS) and Sapphire AMD Radeon R7 370 R9 270X/370X on Ubuntu 22.04 via the Phoronix Test Suite.

Test Systems:

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Processor: AMD Ryzen Threadripper 2950X 16-Core @ 3.50GHz (32 Cores), Motherboard: ASRock X399M Taichi, Chipset: AMD Family 17h, Memory: 32768MB, Disk: 92GB, Graphics: MSI NVIDIA GeForce RTX 2080 8192MB (1515/7000MHz), Audio: Realtek ALC1220, Network: Intel I211 Gigabit Connection + Intel Dual Band Wireless-AC 3168NGW

OS: Ubuntu 18.04, Kernel: 4.15.0-201-lowlatency (x86_64), Desktop: GNOME Shell 3.28.4, Display Driver: NVIDIA 415.27, OpenGL: 4.6.0, Compiler: Clang 6.0.0-1ubuntu2 + LLVM 6.0.0 + CUDA 9.1, File-System: ext4, Screen Resolution: 5120x1440

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

--enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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 --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Anisotropic Filtering: 16x.

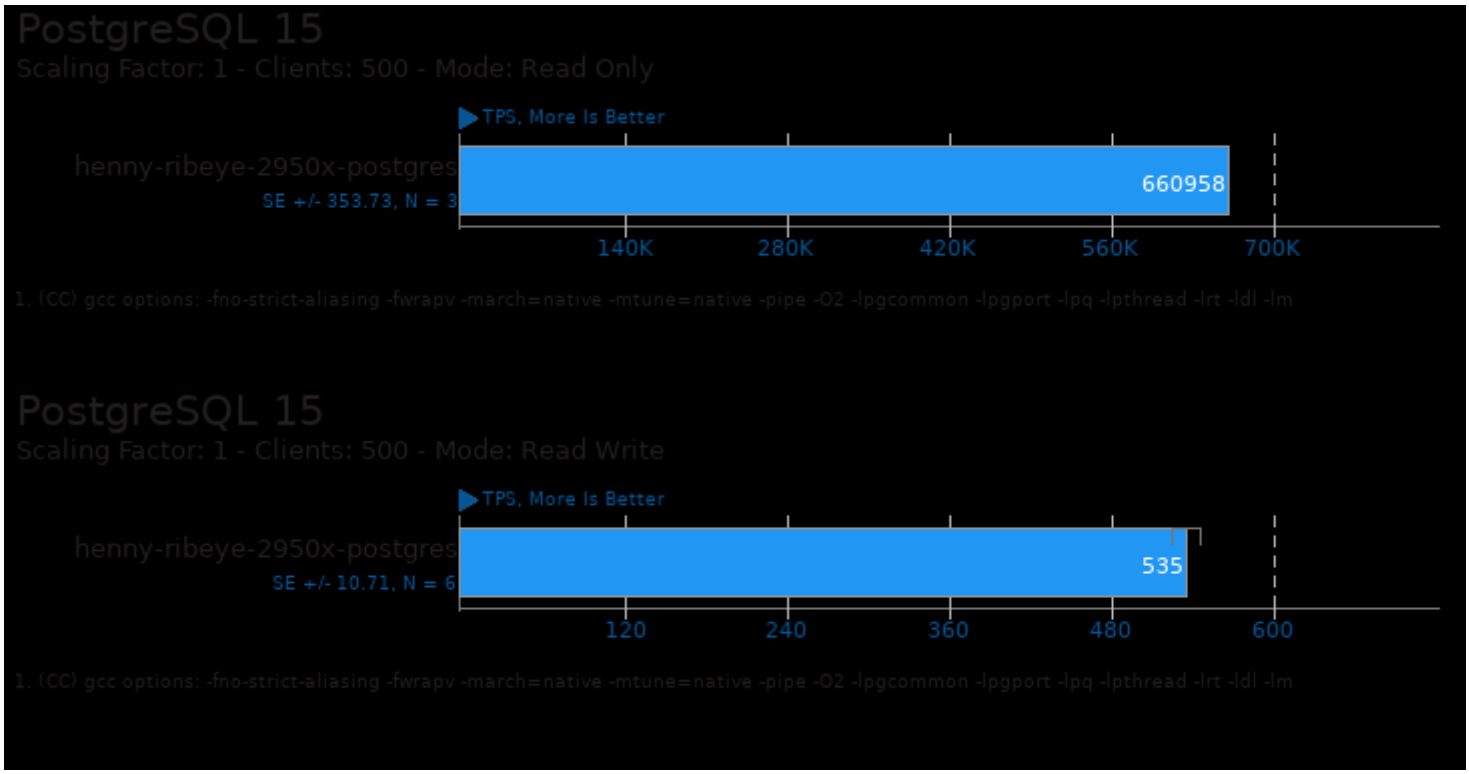
henny-ribeye-i73930k-postgres

Processor: Intel Core i7-3930K @ 5.70GHz (6 Cores / 12 Threads), Motherboard: ASUS SABERTOOTH X79 (4608 BIOS), Chipset: Intel Xeon E5/Core, Memory: 16GB, Disk: 400GB INTEL SSDPEDMW400G4 + 256GB Samsung SSD 840, Graphics: Sapphire AMD Radeon R7 370 R9 270X/370X, Audio: Realtek ALC892, Monitor: XZ350CU, Network: Intel 82579V

OS: Ubuntu 22.04, Kernel: 5.15.0-57-lowlatency (x86_64), Compiler: GCC 11.3.0 + LLVM 14.0.0, File-System: ext4, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: madvise
Environment Notes: CXXFLAGS="-march=native -mtune=native -pipe -O2" ARCHFLAGS="-arch x86_64" CFLAGS="-march=native -mtune=native -pipe -O2" CPPFLAGS="-march=native -mtune=native -pipe -O2"
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: intel_cpufreq schedutil - CPU Microcode: 0x71a
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + mmio_stale_data: Unknown: No mitigations + 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: conditional RSB filling PBRSB-eIBRS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

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PostgreSQL - 1 - 500 - Read Only (TPS)	660958	
Standard Deviation	0.1%	
PostgreSQL - 1 - 500 - Read Write (TPS)	535	
Standard Deviation	4.9%	



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 10:17.