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Intel Core i5-6300U Benchmarks

Various open-source benchmarks by the Phoronix Test Suite v10.4.0 (Ibestad).

Test Systems:

Intel Skylake GT2 - Intel Core i5-6300U

Processor: Intel Core i5-6300U @ 3.00GHz (2 Cores / 4 Threads), Motherboard: HP 8079 (N75 Ver. 01.47 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 4096MB, Disk: 500GB HGST HTS725050A7, Graphics: Intel Skylake GT2 [HD 520] (1000MHz), Audio: Conexant CX20724, Network: Intel I219-LM + Intel 8260

OS: Ubuntu 18.04, Kernel: 5.4.0-80-generic (x86_64), Desktop: GNOME Shell 3.28.4, Display Server: X Server 1.20.8, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1920x1080

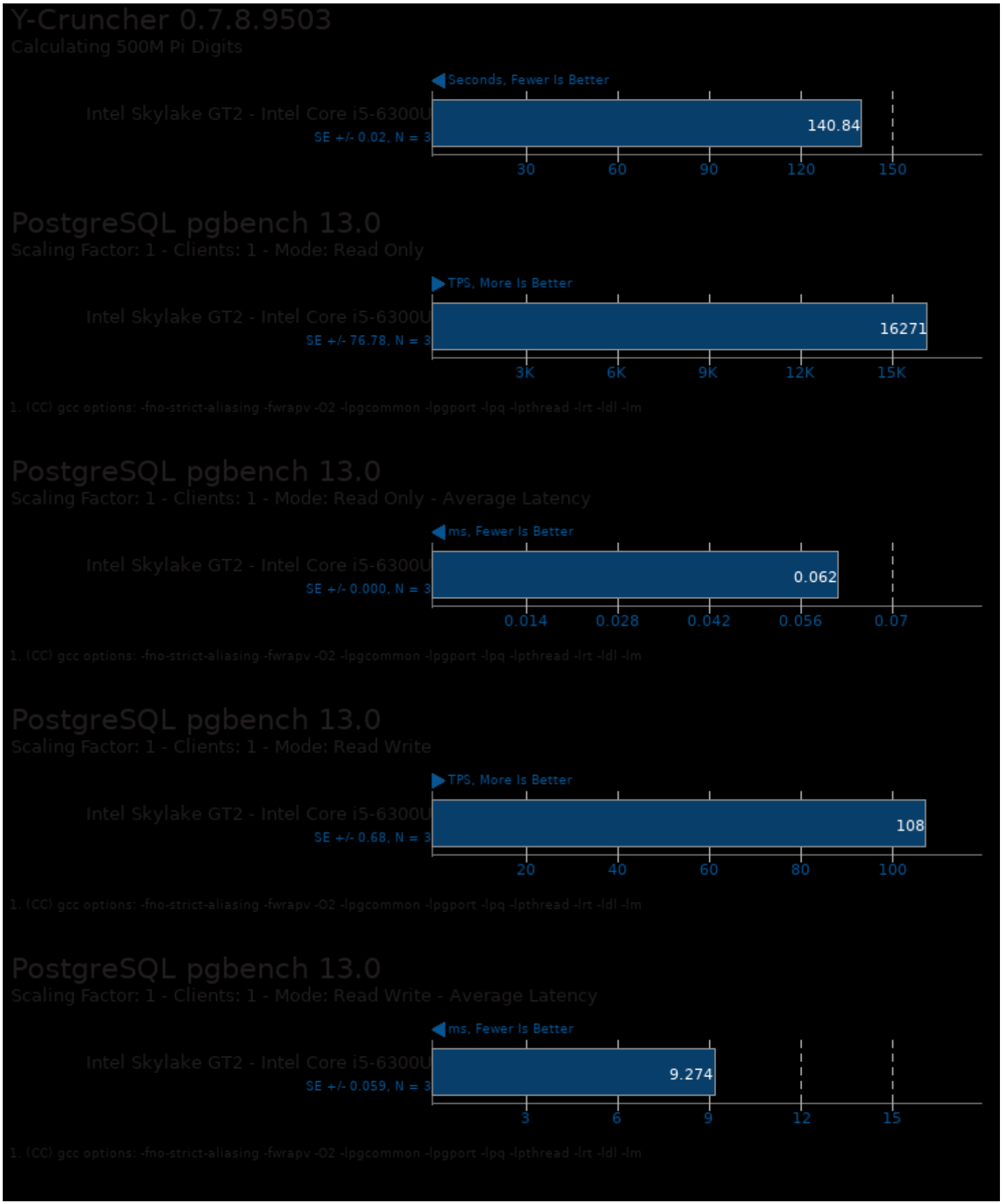
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --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: intel_pstate powersave - CPU Microcode: 0xea - Thermald 1.7

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Security Notes: itlb_multihit: KVM: Vulnerable + l1tf: Mitigation of PTE Inversion + 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

	Intel Skylake GT2 - Intel Core i5-6300U
Y-Cruncher - C.5.P.D (sec)	140.843
Standard Deviation	0%
PostgreSQL pgbench - 1 - 1 - Read Only (TPS)	16271
Standard Deviation	0.8%
PostgreSQL pgbench - 1 - 1 - Read Only - Average Latency (ms)	0.062
Standard Deviation	0.9%
PostgreSQL pgbench - 1 - 1 - Read Write (TPS)	108
Standard Deviation	1.1%
PostgreSQL pgbench - 1 - 1 - Read Write - Average Latency (ms)	9.274
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 07:17.