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Intel Core i7-6820HQ On Fedora 33

Various open-source benchmarks by the Phoronix Test Suite v9.0.1 (Asker).

Test Systems:

2020-10-14 09:08

Processor: Intel Core i7-6820HQ @ 3.60GHz (4 Cores / 8 Threads), Motherboard: Dell Latitude E5470 (1.22.3 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 32768MB, Disk: 1000GB Samsung SSD 840, Graphics: Intel HD 530 3GB (1050MHz), Audio: Realtek ALC3235, Network: Intel I219-LM + Intel 8260

OS: Fedora 33, Kernel: 5.8.14-300.fc33.x86_64 (x86_64), Desktop: GNOME Shell 3.38.1, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 20.2.0, Compiler: GCC 10.2.1 20201005, File-System: btrfs, Screen Resolution: 1600x900

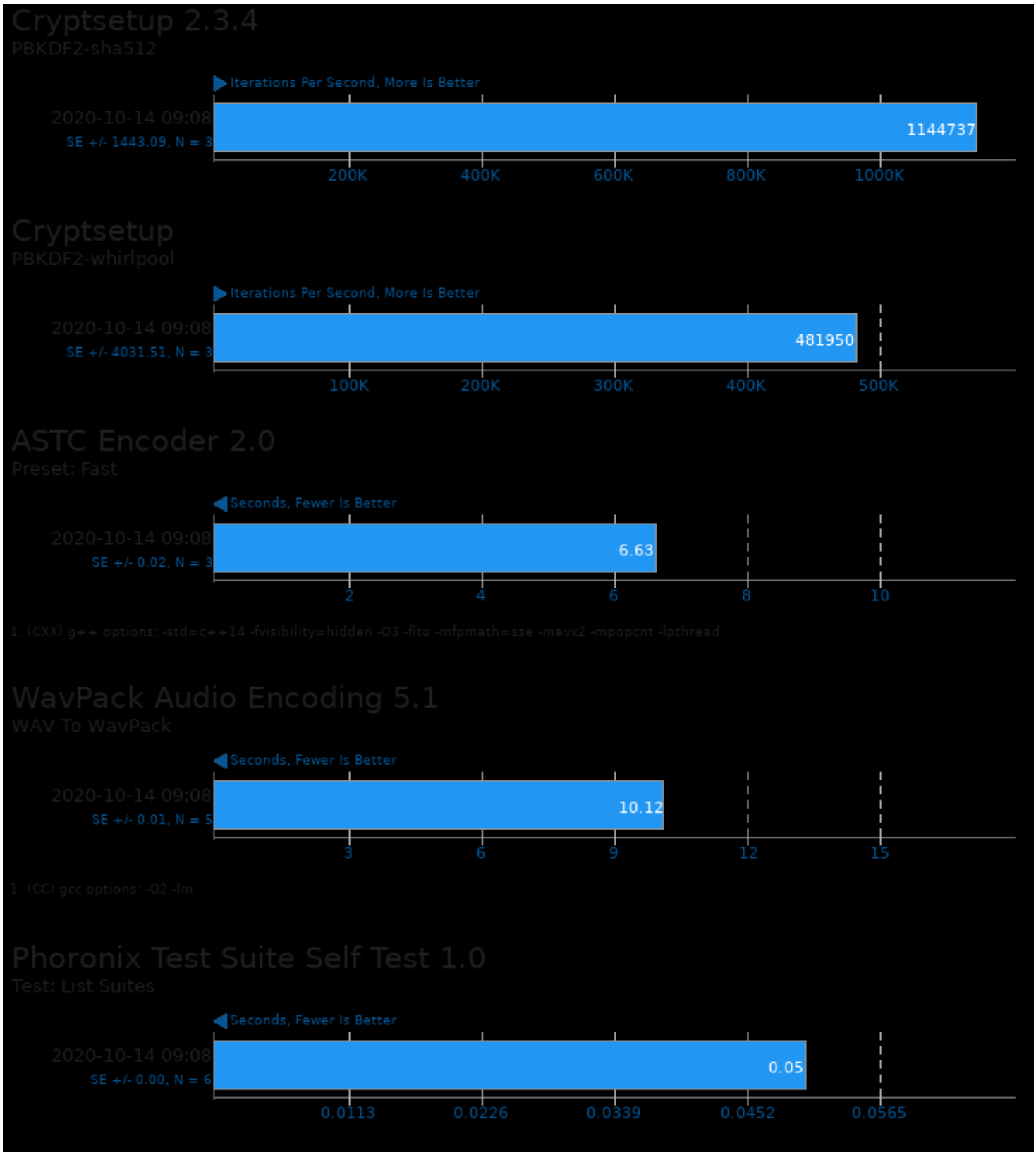
Compiler Notes: --build=x86_64-redhat-linux --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,objc,obj-c++,ada,go,d,lto --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Processor Notes: Scaling Governor: intel_pstate powersave
Java Notes: OpenJDK Runtime Environment 18.9 (build 11.0.9-ea+10)
Security Notes: SELinux + itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds:

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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: Vulnerable: No microcode + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

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Cryptsetup - PBKDF2-sha512 (Iterations/sec)	1144737
Standard Deviation	0.2%
Cryptsetup - PBKDF2-whirlpool (Iterations/sec)	481950
Standard Deviation	1.4%
ASTC Encoder - Fast (sec)	6.63
Standard Deviation	0.6%
WavPack Audio Encoding - WAV To WavPack (sec)	10.12
Standard Deviation	0.2%
Phoronix Test Suite Self Test - List Suites (sec)	0.05
Standard Deviation	0.8%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:08.