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x264_result

Docker testing on Ubuntu 20.04.1 LTS via the Phoronix Test Suite.

Test Systems:

4570

Processor: Intel Core i5-4570 @ 3.60GHz (4 Cores), Motherboard: MSI H87-G43 (MS-7816) v1.0 (V2.10 BIOS), Memory: 24GB, Disk: 500GB Samsung SSD 860 + 4001GB HGST HMS5C4040AL, Graphics: amdgpudrmfb (1286/1750MHz), Audio: Realtek ALC892, Monitor: DELL U2415 + VA2323wm

OS: Ubuntu 20.04.1 LTS, Kernel: 5.4.0-60-generic (x86_64), Compiler: GCC 9.3.0, File-System: overlayfs, Screen Resolution: 1920x1200, System Layer: Docker

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: 0x28
Security Notes: itlb_multihit: KVM: 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 retrpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbd: Mitigation of Microcode + tsx_async_abort: Not affected

4570**x264 - H.2.V.E (FPS)** 25.77

Standard Deviation 0.7%

x264 2019-12-17

H.264 Video Encoding



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