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encode-flac-core-i5

Intel Core i5-6600K testing with a ASUS Z170I PRO GAMING (3805 BIOS) and NVIDIA GeForce GTX 1060 6GB on ManjaroLinux 20.2.1 via the Phoronix Test Suite.

Test Systems:

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Processor: Intel Core i5-6600K @ 3.90GHz (4 Cores), Motherboard: ASUS Z170I PRO GAMING (3805 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 16GB, Disk: 2000GB Toshiba MKNSSDPE2TB-D8 + 1000GB Samsung SSD 850 + 3001GB Western Digital WD3003FZEX-0 + 0GB Multiple Reader, Graphics: NVIDIA GeForce GTX 1060 6GB, Audio: Realtek ALC1150, Network: Intel I219-V + Qualcomm Atheros QCA6174 802.11ac

OS: ManjaroLinux 20.2.1, Kernel: 5.10.18-1-MANJARO (x86_64), Desktop: KDE Plasma 5.21.1, Display Server: X Server 1.20.10, Display Driver: NVIDIA 460.39, OpenGL: 4.6.0, Compiler: GCC 10.2.0 + Clang 11.1.0, File-System: ext4, Screen Resolution: 2560x1440

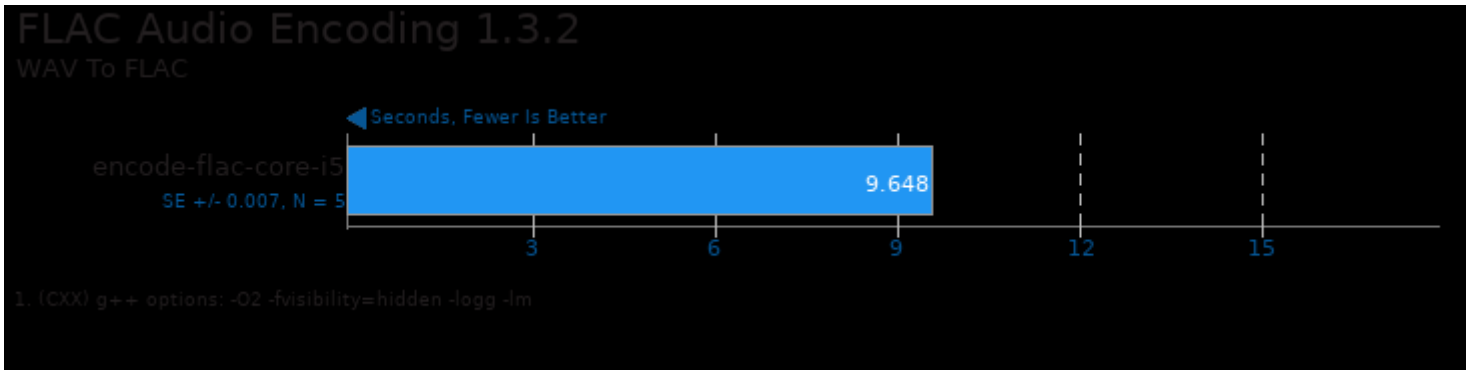
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xe2

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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

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FLAC Audio Encoding - WAV To FLAC (sec)	9.648
Standard Deviation	0.2%

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