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rpi4-arm64-opus

ARMv8 Cortex-A72 testing with a BCM2835 Raspberry Pi 4 Model B Rev 1.1 and vc4drmfb on Debian 10 via the Phoronix Test Suite.

Test Systems:

ARMv8 Cortex-A72

Processor: ARMv8 Cortex-A72 @ 1.50GHz (4 Cores), Motherboard: BCM2835 Raspberry Pi 4 Model B Rev 1.1, Memory: 4096MB, Disk: 32GB 00000, Graphics: vc4drmfb, Monitor: HD60 S

OS: Debian 10, Kernel: 5.4.79-v8+ (aarch64), Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

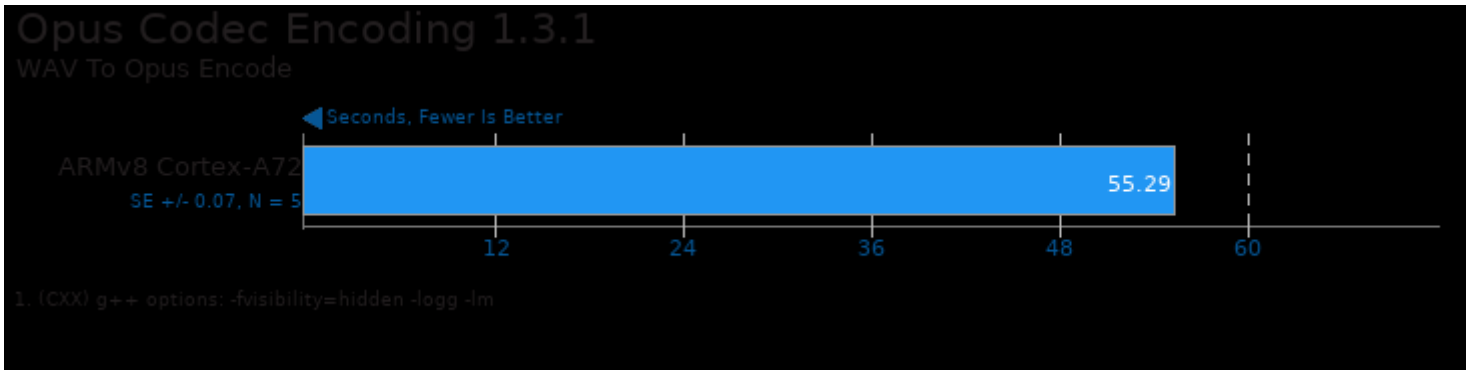
Kernel Notes: snd_bcm2835.enable_compat_alsa=0 snd_bcm2835.enable_hdmi=1
Compiler Notes: --build=aarch64-linux-gnu --disable-libphobos --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: cpufreq-dt ondemand
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of

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__user pointer sanitization + spectre_v2: Vulnerable + srbds: Not affected + tsx_async_abort: Not affected

	ARMv8 Cortex-A72
Opus Codec Encoding - WAV To Opus Encode (sec)	55.287
Standard Deviation	0.3%

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