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jpegxl-2021-02-24

AMD Ryzen 5 2500U testing with a RR Freed_RRS (V1.16 BIOS) and AMD Radeon Vega / Mobile 1GB on Fedora 33 via the Phoronix Test Suite.

Test Systems:

AMD Ryzen 5 2500U

Processor: AMD Ryzen 5 2500U @ 2.00GHz (4 Cores / 8 Threads), Motherboard: RR Freed_RRS (V1.16 BIOS), Chipset: AMD Raven/Raven2, Memory: 23552MB, Disk: 500GB Samsung SSD 850 + 256GB HFS256G39TND-N21, Graphics: AMD Radeon Vega / Mobile 1GB (1275/1450MHz), Audio: AMD Raven/Raven2/Fenghuang, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros QCA6174 802.11ac

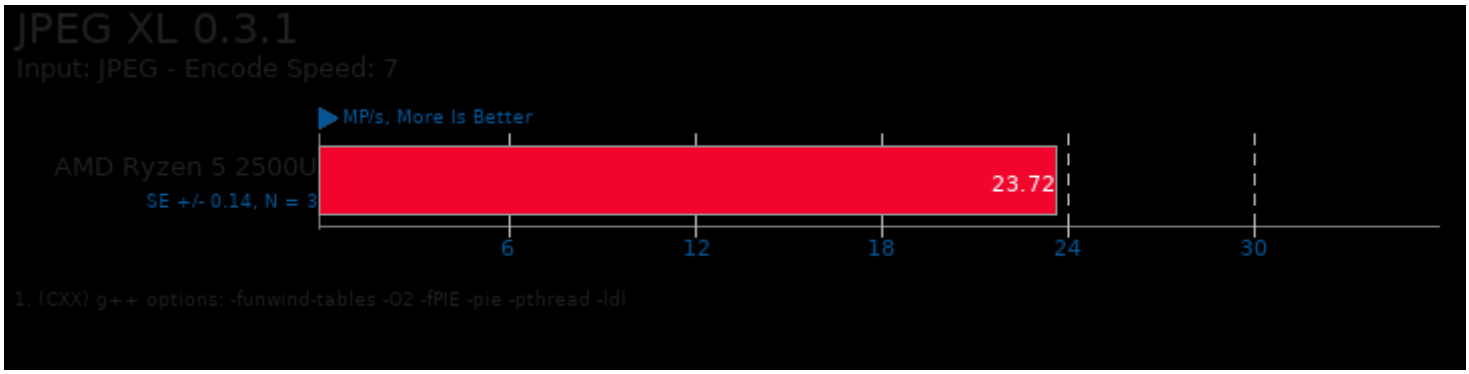
OS: Fedora 33, Kernel: 5.10.13-200.fc33.x86_64 (x86_64), Desktop: GNOME Shell 3.38.3, Display Server: X Server 1.20.8 + Wayland, Display Driver: modesetting 1.20.8, OpenGL: 4.6 Mesa 20.3.4 (LLVM 11.0.0), Vulkan: 1.2.145, Compiler: GCC 10.2.1 20201125 + Clang 11.0.0, File-System: ext4, Screen Resolution: 1920x1080

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: acpi-cpufreq schedutil
Security Notes: SELinux + itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + 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 AMD retpoline IBPB: conditional STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	AMD Ryzen 5 2500U
JPEG XL - JPEG - 7 (MP/s)	23.72
Standard Deviation	1%

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