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AMD Ryzen 7 5800U testing with a HP 8886 (T80 Ver. 01.02.02 BIOS) and AMD Cezanne 512MB on Ubuntu 21.10 via the Phoronix Test Suite.

Test Systems:

AMD Ryzen 7 5800U

Processor: AMD Ryzen 7 5800U @ 1.90GHz (8 Cores / 16 Threads), Motherboard: HP 8886 (T80 Ver. 01.02.02 BIOS), Chipset: AMD Renoir Root Complex, Memory: 16GB, Disk: 2000GB CT2000P5SSD8, Graphics: AMD Cezanne 512MB (2000/400MHz), Audio: AMD Device 1637, Network: Realtek RTL8822CE 802.11ac PCIe

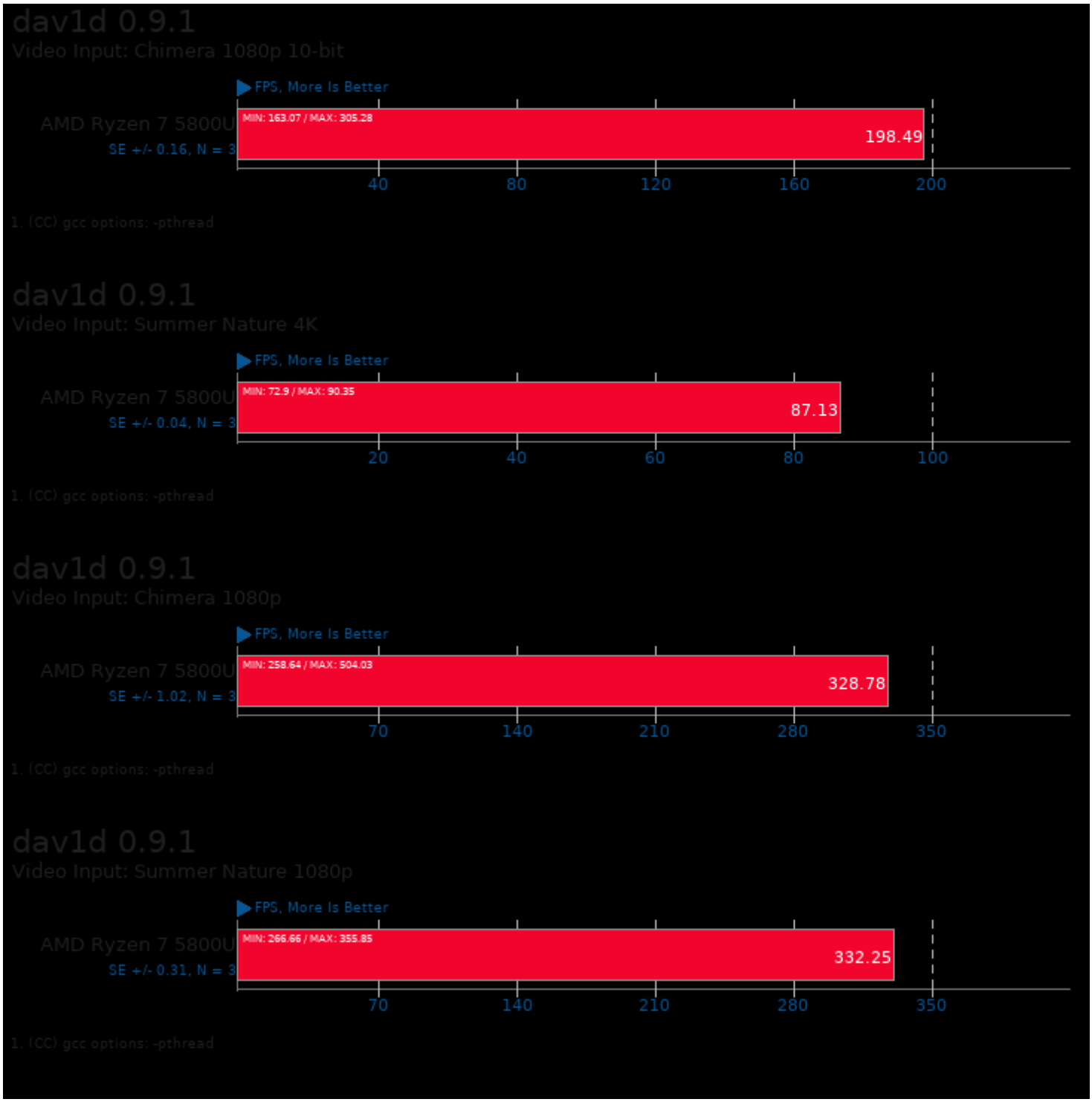
OS: Ubuntu 21.10, Kernel: 5.14.0-051400rc5-generic (x86_64) 20210808, Desktop: GNOME Shell 40.2, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.1.4 (LLVM 12.0.1), Vulkan: 1.2.168, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --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++,m2 --enable-libphobos-checking=release

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--enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-11-M6DaQn/gcc-11-11.2.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-M6DaQn/gcc-11-11.2.0/debian/tmp-gcn/usr --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-build-config=bootstrap-lto-lean --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: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa50000c
Security Notes: 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 IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	AMD Ryzen 7 5800U
dav1d - C.1.1.b (FPS)	198.49
Standard Deviation	0.1%
dav1d - Summer Nature 4K (FPS)	87.13
Standard Deviation	0.1%
dav1d - Chimera 1080p (FPS)	328.78
Standard Deviation	0.5%
dav1d - S.N.1 (FPS)	332.25
Standard Deviation	0.2%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 07:27.