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AMD Ryzen 5 5600X 6-Core testing with a ASRock X570 Phantom Gaming 4 (P4.20 BIOS) and MSI NVIDIA GeForce RTX 2070 SUPER 8GB on Pop 21.04 via the Phoronix Test Suite.

Test Systems:

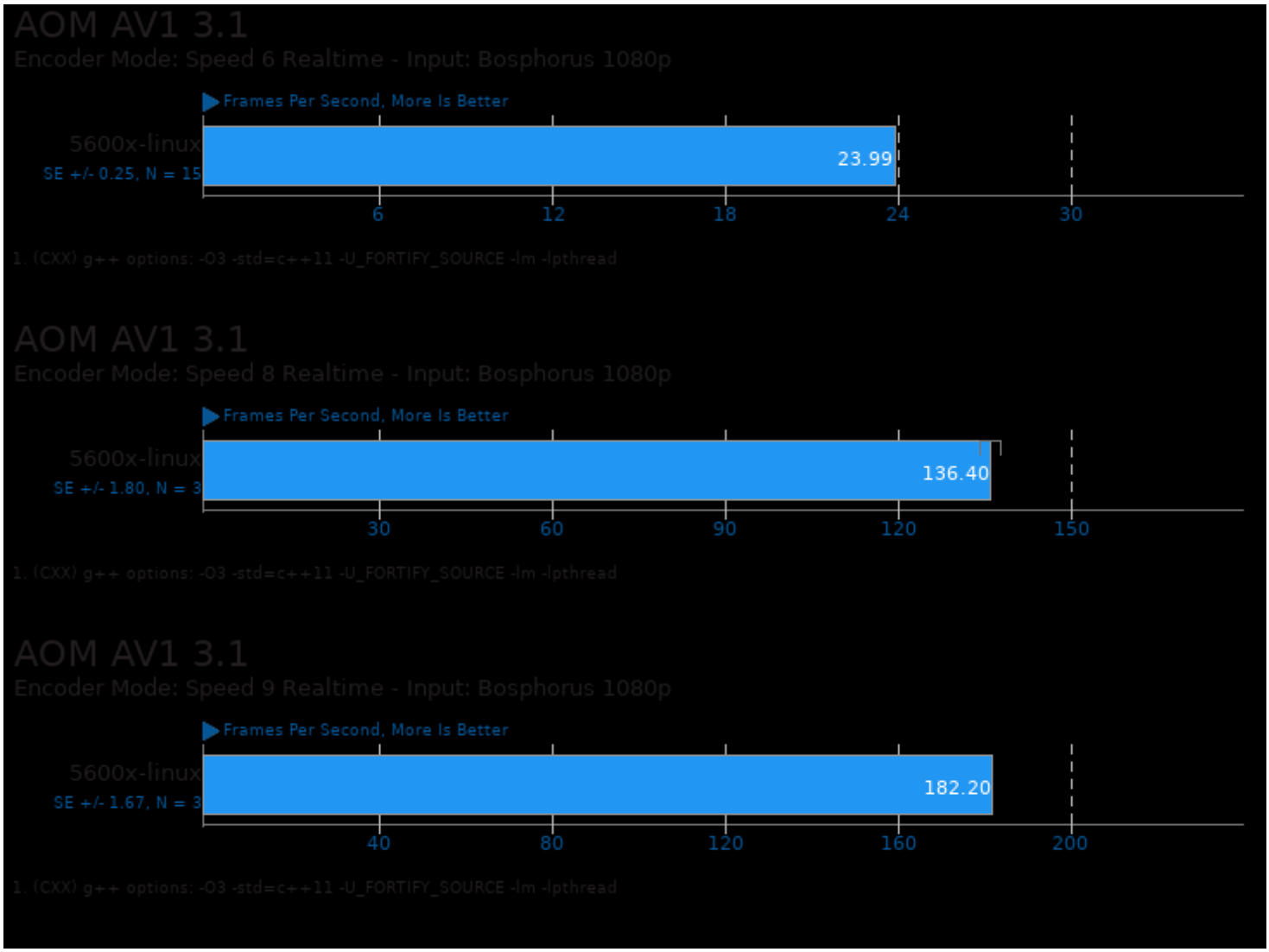
5600x-linux

Processor: AMD Ryzen 5 5600X 6-Core @ 3.70GHz (6 Cores / 12 Threads), Motherboard: ASRock X570 Phantom Gaming 4 (P4.20 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 500GB Portable SSD T5 + 4001GB Seagate ST4000DM004-2CV1 + 480GB Western Digital WDS480G2G0B + 256GB ADATA SP610 + 120GB Samsung SSD 840 + 480GB KINGSTON SA400S3, Graphics: MSI NVIDIA GeForce RTX 2070 SUPER 8GB, Audio: NVIDIA TU104 HD Audio, Monitor: ASUS MG278 + 24V2W1G5 + MS306, Network: Intel I211 + Intel Wi-Fi 6 AX200

OS: Pop 21.04, Kernel: 5.13.0-7614-generic (x86_64), Desktop: GNOME Shell 3.38.4, Display Server: X Server 1.20.11, Display Driver: NVIDIA 470.63.01, OpenGL: 4.6.0, Vulkan: 1.2.175, Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 4480x2520

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --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 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-gDeRY6/gcc-10-10.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-gDeRY6/gcc-10-10.3.0/debian/tmp-gcn/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-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: 0xa201016
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

	5600x-linux
AOM AV1 - Speed 6 Realtime - Bosphorus 1080p (FPS)	23.99
Standard Deviation	4%
AOM AV1 - Speed 8 Realtime - Bosphorus 1080p (FPS)	136.40
Standard Deviation	2.3%
AOM AV1 - Speed 9 Realtime - Bosphorus 1080p (FPS)	182.20
Standard Deviation	1.6%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 00:58.