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custom-pc-ryzen-3600-32gb

AMD Ryzen 5 3600 6-Core testing with a ASUS TUF B450-PLUS GAMING (3604 BIOS) and Matrox Millennium G550 on Debian 11 via the Phoronix Test Suite.

Test Systems:

AMD Ryzen 5 3600 6-Core

AMD Ryzen 5 3600 6-Core - Matrox Millennium G550 -

Processor: AMD Ryzen 5 3600 6-Core @ 4.59GHz (6 Cores / 12 Threads), Motherboard: ASUS TUF B450-PLUS GAMING (3604 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 3001GB Western Digital WD30EFZX-68A + 480GB KINGSTON SA400S3, Graphics: Matrox Millennium G550, Audio: Realtek ALC887-VD, Network: Realtek RTL8111/8168/8411

OS: Debian 11, Kernel: 5.10.0-14-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4

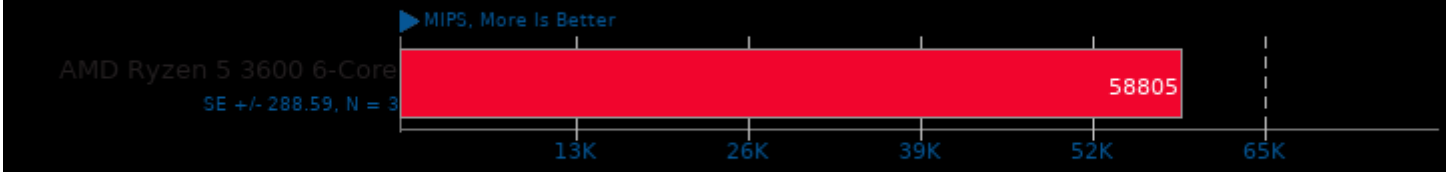
Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie

--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-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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: 0x8701021
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 Retpolines IBPB: conditional STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	AMD Ryzen 5 3600 6-Core	AMD Ryzen 5 3600 6-Core - Matrox Millennium G550
7-Zip Compression - Compression Rating (MIPS)	58805	
Standard Deviation	0.9%	
7-Zip Compression - D.R (MIPS)	45450	
Standard Deviation	0.2%	
FFmpeg - H.2.H.T.N.D (sec)	4.402	
Standard Deviation	2.8%	
GnuPG - 2.7.S.F.E (sec)		73.745
Standard Deviation		2.1%
Timed Linux Kernel Compilation - defconfig (sec)	104.446	
Standard Deviation	0.2%	
PHPBench - P.B.S (Score)		644994
Standard Deviation		1%
Sysbench - RAM / Memory (MiB/sec)		9153
Standard Deviation		0.9%
Sysbench - CPU (Events/sec)		12595
Standard Deviation		0%
Blender - Fishy Cat - CPU-Only (sec)		266.41
Standard Deviation		0.2%

7-Zip Compression 21.06

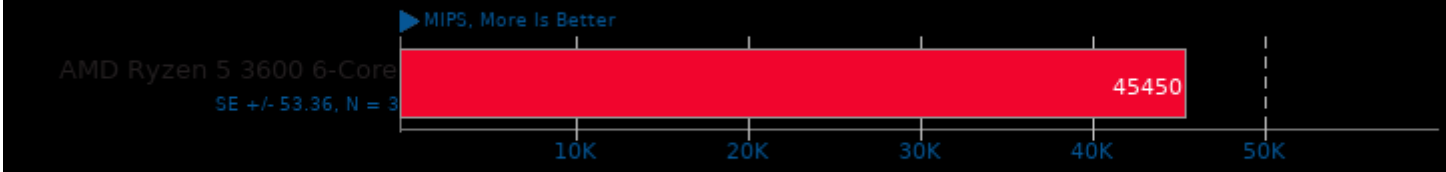
Test: Compression Rating



1. (CXX) g++ options: -lpthread -ldl -O2 -fPIC

7-Zip Compression 21.06

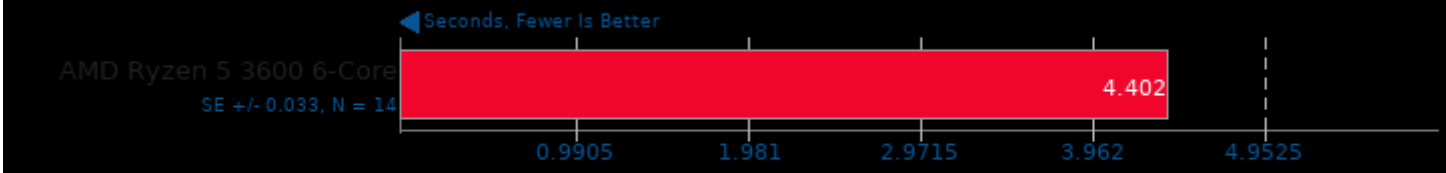
Test: Decompression Rating



1. (CXX) g++ options: -lpthread -ldl -O2 -fPIC

FFmpeg 4.0.2

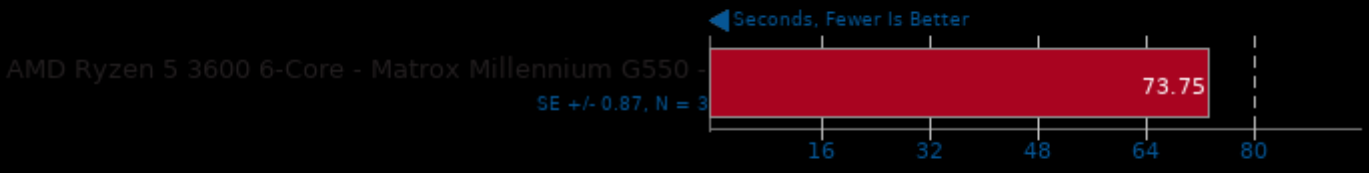
H.264 HD To NTSC DV



1. (CC) gcc options: -lavdevice -lavfilter -lavformat -lavcodec -lswresample -lswscale -lavutil -lm -pthread -std=c11 -fomit-frame-pointer -fPIC -O3 -fno-ma

GnuPG 2.2.27

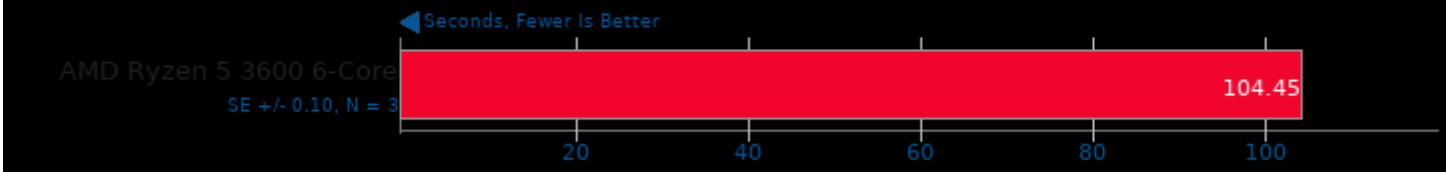
2.7GB Sample File Encryption

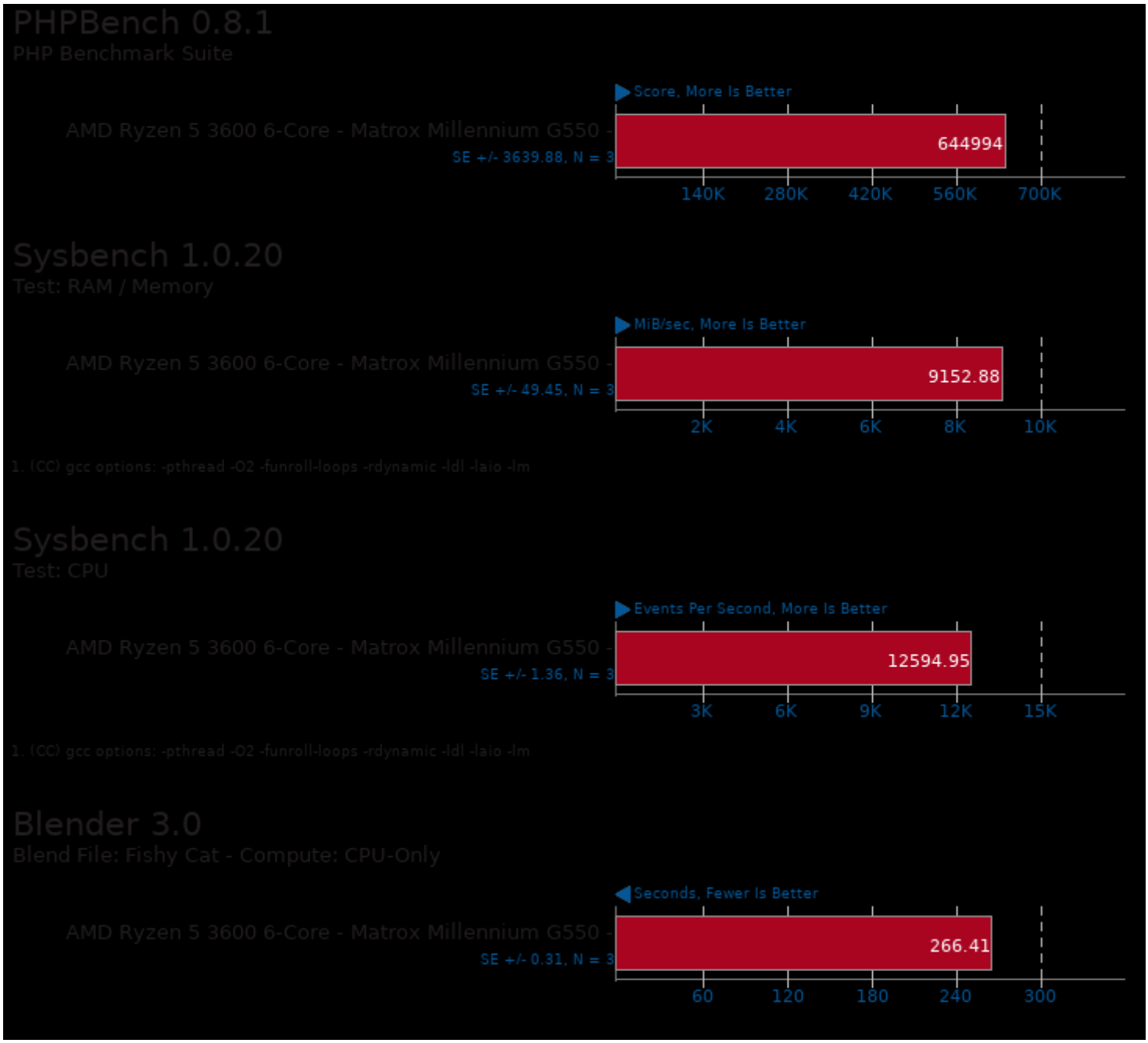


1. (CC) gcc options: -O2

Timed Linux Kernel Compilation 5.16

Build: defconfig





This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:39.