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# AMD Ryzen 5 3600 6-Core On Ubuntu 21.04

Various open-source benchmarks by the Phoronix Test Suite v10.4.0 (Ibestad).

## Test Systems:

### AMD Ryzen 5 3600 6-Core

Processor: AMD Ryzen 5 3600 6-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: Gigabyte X570 AORUS ELITE (F35 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 120GB INTEL SSDSC2CW12 + 525GB Crucial CT525MX3 + 32GB USB Flash Drive + 2000GB Ext HDD 1021, Graphics: MSI NVIDIA GeForce GTX 1080 8GB, Audio: NVIDIA GP104 HD Audio, Monitor: DELL U3415W, Network: Intel I211 + Qualcomm Atheros AR93xx

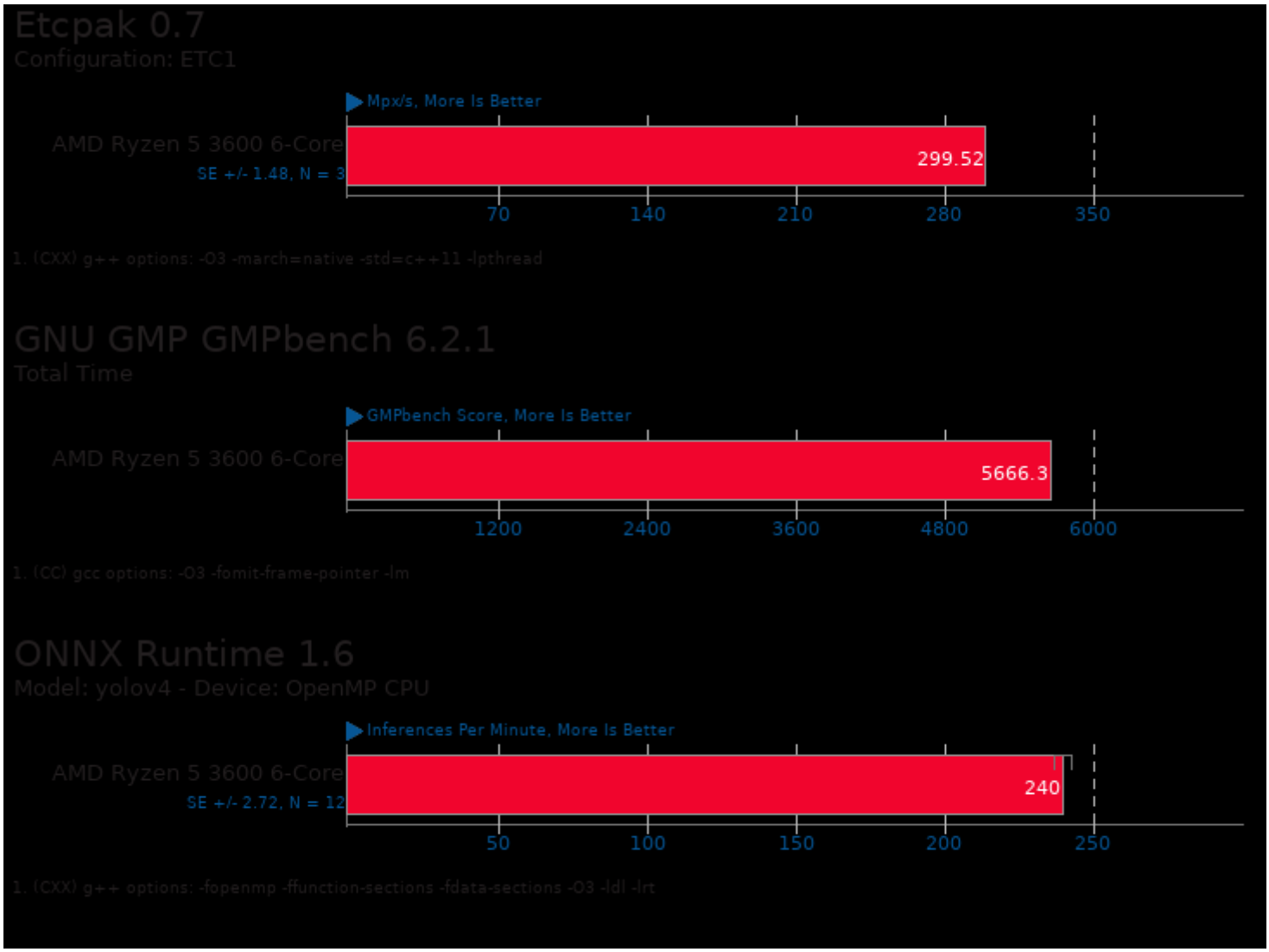
OS: Ubuntu 21.04, Kernel: 5.11.0-22-generic (x86_64), Desktop: GNOME Shell 3.38.4, Display Server: X Server 1.20.11, Display Driver: NVIDIA 460.80, Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 3440x1440

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,

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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
Python Notes: Python 3.8.5
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 STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

| | AMD Ryzen 5 3600 6-Core |
|---|---|
| **Etcpak - ETC1 (Mpx/s)** | 299.519 |
| **Standard Deviation** | 0.9% |
| **GNU GMP GMPbench - Total Time (GMPbench Score)** | 5666 |
| **ONNX Runtime - yolov4 - OpenMP CPU (Inferences/min)** | 240 |
| **Standard Deviation** | 3.9% |




*This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 06:34.*