

www.phoronix-test-suite.com

3700xstock

AMD Ryzen 7 3700X 8-Core testing with a Gigabyte X570 AORUS PRO WIFI (F10 BIOS) and Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 8GB on Debian 9.12 via the Phoronix Test Suite.

Test Systems:

AMD Ryzen 3700X Stock

Processor: AMD Ryzen 7 3700X 8-Core @ 3.60GHz (8 Cores / 16 Threads), Motherboard: ASUS ROG STRIX B450-F GAMING (2406 BIOS), Chipset: AMD Starship/Matisse, Memory: 16384MB, Disk: 1000GB Western Digital WD1003FZEX-0 + 2000GB Western Digital WD2003FZEX-0, Graphics: eVGA NVIDIA GeForce GTX 1060 6GB, Audio: NVIDIA GP106 HD Audio, Monitor: 2252W, Network: Intel I211

OS: Arch Linux, Kernel: 5.2.0-arch2-1-ARCH (x86_64), Desktop: KDE Plasma 5.16.3, Display Server: X Server 1.20.5, Display Driver: modesetting 1.20.5, Compiler: GCC 9.1.0, File-System: ext4 (ecryptfs), Screen Resolution: 3840x1080

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++ --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man

--with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil
Security Notes: l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: always-on RSB filling

3700X gcc compile

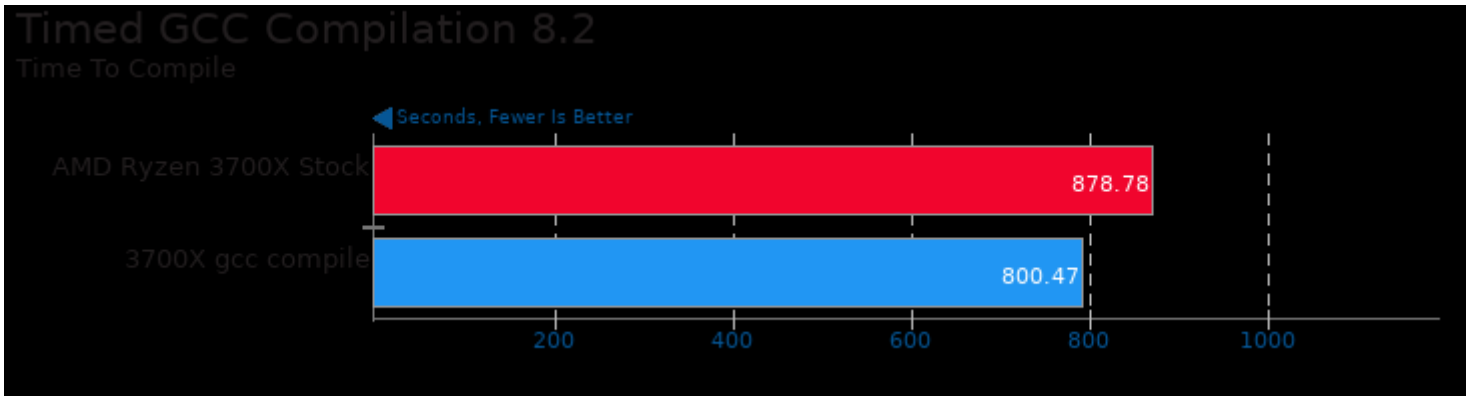
Processor: AMD Ryzen 7 3700X 8-Core @ 3.60GHz (8 Cores / 16 Threads), Motherboard: Gigabyte X570 AORUS PRO WIFI (F10 BIOS), Chipset: AMD Starship/Matisse, Memory: 64GB, Disk: 2000GB Force MP600 + 240GB SanDisk SDSSDHII + 480GB Patriot Ignite, Graphics: Sapphire AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 8GB (2055/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: DELL E2414H + HP VH240a + ASUS VS228, Network: Intel I211 + Intel Wi-Fi 6 AX200

OS: Debian 9.12, Kernel: 5.6.0-trunk-amd64 (x86_64), Desktop: KDE Plasma 5.17.5, Display Server: X Server 1.20.8, Display Driver: modesetting 1.20.8, OpenGL: 4.5 Mesa 19.3.3 (LLVM 9.0.1), Vulkan: 1.1.107, Compiler: GCC 9.3.0 + Open64 PARSE ERROR: Argument:-dumpversion Couldn t find match for argumentBrief USAGE: opencc [--noflush] [-i] [-o] [-c] [--] [--version] [-h]For complete USAGE and HELP type: opencc--help, File-System: ext4, Screen Resolution: 5760x1224

Environment Notes: NVM_CD_FLAGS=-q
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++,gm2 --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,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 ondemand - CPU Microcode: 0x8701013
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 + tsx_async_abort: Not affected

	AMD Ryzen 3700X Stock	3700X gcc compile
Timed GCC Compilation - Time To Compile (sec)	**878.78**	**800.468**
Normalized	91.09%	100%

3700xstock



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 07:15.