

www.phoronix-test-suite.com

linux-kernel-ryzen5900

AMD Ryzen 9 5900X 12-Core testing with a MSI MAG B550M MORTAR WIFI (MS-7C94) v1.0 (1.63 BIOS) and NVIDIA GeForce GTX 1060 6GB on ManjaroLinux 20.2.1 via the Phoronix Test Suite.

Test Systems:

linux-kernel-ryzen5900

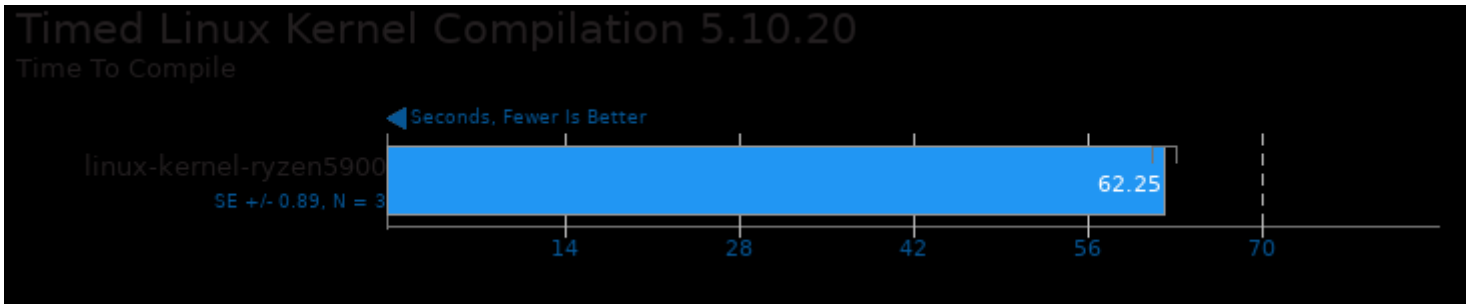
Processor: AMD Ryzen 9 5900X 12-Core @ 6.44GHz (12 Cores / 24 Threads), Motherboard: MSI MAG B550M MORTAR WIFI (MS-7C94) v1.0 (1.63 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: 2000GB Toshiba MKNSSDPE2TB-D8 + 1000GB Samsung SSD 850 + 0GB Multiple Reader, Graphics: NVIDIA GeForce GTX 1060 6GB, Audio: NVIDIA GP106 HD Audio, Network: Realtek RTL8125 2.5GbE + Intel Wi-Fi 6 AX200

OS: ManjaroLinux 20.2.1, Kernel: 5.10.18-1-MANJARO (x86_64), Desktop: KDE Plasma 5.21.1, Display Server: X Server 1.20.10, Display Driver: NVIDIA 460.39, OpenGL: 4.6.0, Compiler: GCC 10.2.0 + Clang 11.1.0, File-System: ext4, Screen Resolution: 2560x1440

Kernel Notes: Transparent Huge Pages: madvise
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++,d --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 (Boost: Enabled) - CPU Microcode: 0xa201009
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

	linux-kernel-ryzen5900
Timed Linux Kernel Compilation - Time To Compile (sec)	62.247
Standard Deviation	2.5%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 11:18.