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linux_kernel.txt

AMD Ryzen 3 3100 4-Core testing with a ASUS PRIME A320M-K (5220 BIOS) and MSI NVIDIA GeForce GTX 1650 4GB on Pop 20.04 via the Phoronix Test Suite.

Test Systems:

linux1_AMD3100

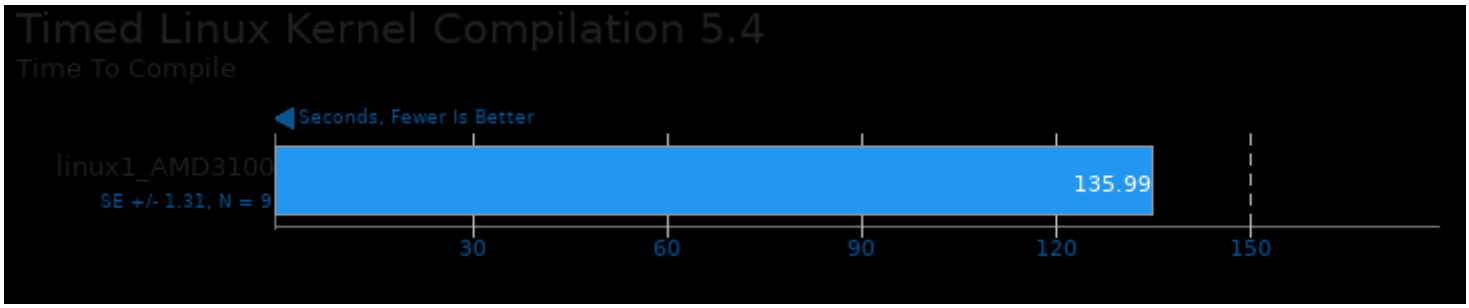
Processor: AMD Ryzen 3 3100 4-Core @ 3.60GHz (4 Cores / 8 Threads), Motherboard: ASUS PRIME A320M-K (5220 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: 250GB Samsung SSD 860, Graphics: MSI NVIDIA GeForce GTX 1650 4GB (1485/4001MHz), Audio: NVIDIA Device 10fa, Monitor: HP 24mh, Network: Realtek RTL8111/8168/8411

OS: Pop 20.04, Kernel: 5.4.0-7642-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.8, Display Driver: NVIDIA 455.28, OpenGL: 4.6.0, Vulkan: 1.2.142, Compiler: GCC 8.4.0 + CUDA 10.1, File-System: ext4, Screen Resolution: 1920x1080

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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

--enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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-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: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	linux1_AMD3100
Timed Linux Kernel Compilation - Time To Compile (sec)	135.987
Standard Deviation	2.9%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 06:51.