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ryzen-4800h-build-kernel-benchmark

AMD Ryzen 7 4800H testing with a Schenker GK5NxxO M20 (N.1.15.A00 BIOS) and NVIDIA GeForce RTX 2060 6GB on Arch rolling via the Phoronix Test Suite.

Test Systems:

Schenker Core 15 with AMD Ryzen 4800H and 64GB Memory

Processor: AMD Ryzen 7 4800H @ 2.90GHz (8 Cores / 16 Threads), Motherboard: Schenker GK5NxxO M20 (N.1.15.A00 BIOS), Chipset: AMD Renoir Root Complex, Memory: 64GB, Disk: 1024GB SAMSUNG MZVLQ1T0HALB-00000 + 1920GB Force MP510, Graphics: NVIDIA GeForce RTX 2060 6GB (1005/5500MHz), Audio: Realtek ALC274, Monitor: C49RG9x + VG27A, Network: Realtek RTL8111/8168/8411 + Intel Wi-Fi 6 AX200

OS: Arch rolling, Kernel: 5.7.12-zen1-1-zen (x86_64), Display Server: X Server 1.20.8, Display Driver: NVIDIA 450.57, OpenGL: 4.6.0, Compiler: GCC 10.1.0 + Clang 10.0.1 + LLVM 10.0.1, File-System: ext4, Screen Resolution: 6560x2560

Environment Notes: XDEBUG_CONFIG="remote_enable=1 remote_mode=req remote_port=9000 remote_host=127.0.0.1"
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 performance - CPU Microcode: 0x8600103
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Vulnerable + spectre_v1: Vulnerable: __user pointer sanitization and usercopy barriers only; no swapgs barriers + spectre_v2: Vulnerable IBPB: disabled STIBP: disabled + srbds: Not affected + tsx_async_abort: Not affected

	Schenker Core 15 with AMD Ryzen 4800H and 64GB Memory
Timed Linux Kernel Compilation - Time To Compile (sec)	116.090
Standard Deviation	1%



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