



## **kernelprovpbf2**

Intel Core i7-8850H testing with a Dell 0WCMKT (1.7.3 BIOS) and Intel UHD 630 3GB on Fedora 32 via the Phoronix Test Suite.

## Test Systems:

### Intel Core i7-8850H

Processor: Intel Core i7-8850H @ 4.30GHz (6 Cores / 12 Threads), Motherboard: Dell 0WCMKT (1.7.3 BIOS), Chipset: Intel Cannon Lake PCH, Memory: 16384MB, Disk: PM981 NVMe Samsung 512GB, Graphics: Intel UHD 630 3GB (1150MHz), Audio: Realtek ALC3246, Network: Intel I219-LM + Qualcomm Atheros QCA6174 802.11ac

OS: Fedora 32, Kernel: 5.9.11 (x86\_64), Desktop: GNOME Shell 3.36.7, Display Server: X Server 1.20.9 + Wayland, Display Driver: modesetting 1.20.9, OpenGL: 4.6 Mesa 20.2.2, Compiler: GCC 10.2.1 20201016 + Clang 10.0.1 + LLVM 10.0.1, File-System: ext4, Screen Resolution: 1920x1080

Environment Notes: MFLAGS= MAKEFLAGS=

Compiler Notes: --build=x86\_64-redhat-linux --disable-libunwind-exceptions --enable-\_\_cxa\_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,objc,obj-c++,ada,go,d,lto --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch\_32=i686 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver

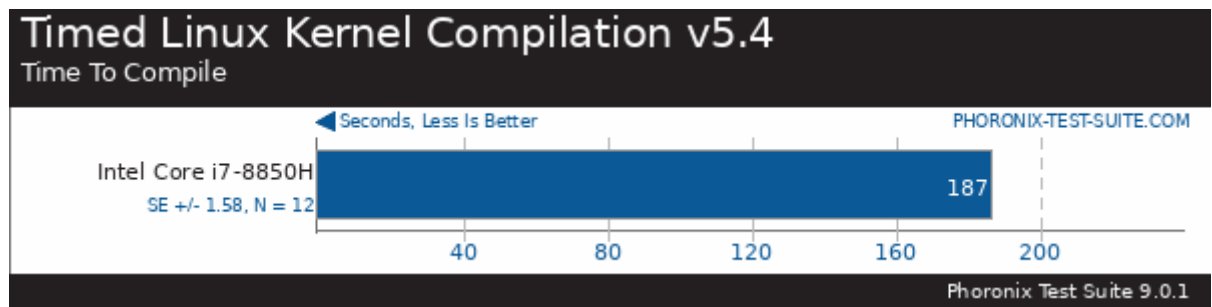
Processor Notes: Scaling Governor: intel\_pstate powersave

Security Notes: SELinux + itlb\_multihit: KVM: Mitigation of VMX disabled + I1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + 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 generic retpoline IBPB: conditional IBRS\_FW STIBP: conditional RSB filling + srbds: Mitigation of Microcode + tsx\_async\_abort: Mitigation of Clear buffers; SMT vulnerable

#### Intel Core i7-8850H

Timed Linux Kernel Compilation - Time To Compile (sec) 186.54

Standard Deviation 2.9%



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