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Intel Core i7-8750H Performance

Various open-source benchmarks by the Phoronix Test Suite v8.0.1 (Aremark).

Test Systems:

Intel Core i7-8750H

Processor: Intel Core i7-8750H @ 2.20GHz (6 Cores / 12 Threads), Motherboard: TUXEDO P95xER, Memory: 2 x 16384 MB 2667MHz Samsung M471A2K43CB1-CTD, Disk: 477GB Samsung SSD 970 PRO 512GB + 15GB Corsair Voyager 3.0 USB Device, Graphics: NVIDIA GeForce GTX 1060 + Intel UHD 630 6144MB (1911/4004MHz), Network: VMware Virtual for VMnet8 + VMware Virtual for VMnet1 + Hyper-V Virtual Switch Extension + Hyper-V Virtual #2 + Hyper-V Virtual + Realtek PCIe GBE Family + Intel Dual Band Wireless-AC 8265 + Microsoft Wi-Fi Direct Virtual + Bluetooth Device (RFCOMM Protocol TDI) + Bluetooth Device (Personal Area) + Microsoft Wi-Fi Direct Virtual #2

OS: Microsoft Windows 10 Pro Build 17134, Kernel: 10.0 (x86_64), Display Driver: 397.64 (24.21.13.9764), File-System: NTFS, Screen Resolution: 3840x2160

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i7 8750h benchmark

i7 8750h perf

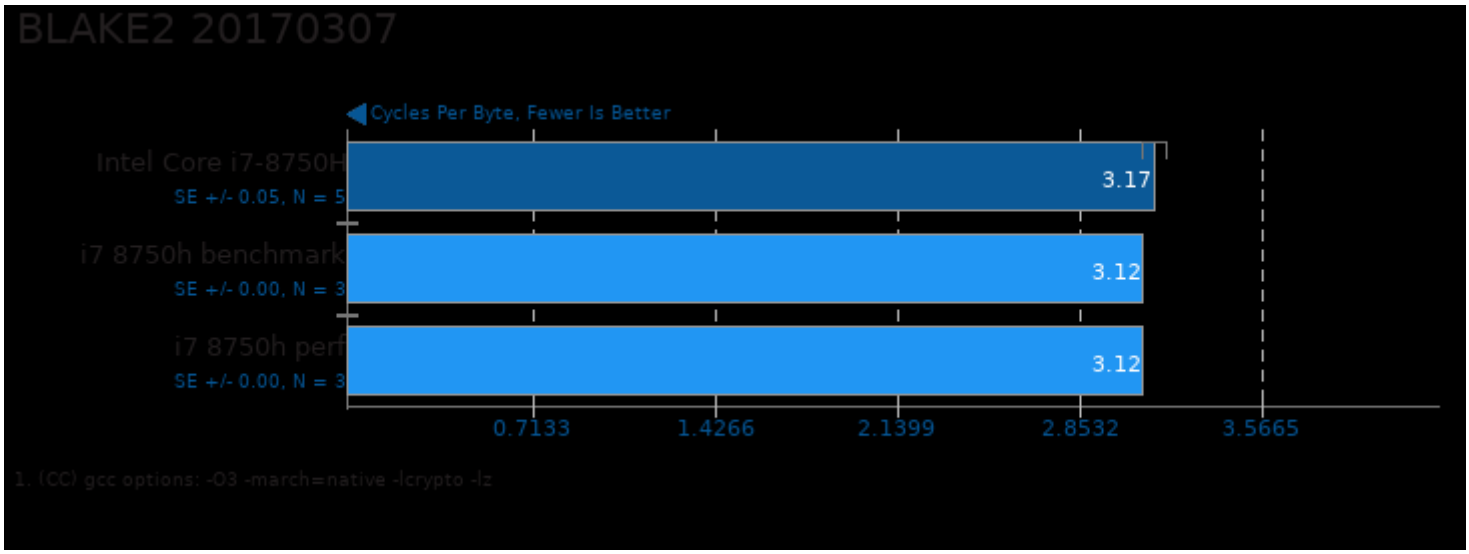
Processor: Intel Core i7-8750H @ 4.10GHz (6 Cores / 12 Threads), Motherboard: HP 8478 v70.38 (F.10 BIOS), Chipset: Intel Cannon Lake PCH Shared SRAM, Memory: 12288MB, Disk: 240GB KINGSTON SV300S3, Graphics: Intel UHD 630 3GB (1100MHz), Audio: Realtek ALC295, Network: Realtek RTL8111/8168/8411 + Realtek RTL8822BE 802.11a/b/g/n/ac

OS: Arch Linux, Kernel: 5.1.5-arch1-2-ARCH (x86_64), Display Server: X Server 1.20.4, Display Driver: intel 2.99.917, OpenGL: 4.5 Mesa 19.0.5, Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

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-libmpx --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: intel_pstate powersave
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + SSB disabled via prctl and seccomp + PTE Inversion; VMX: conditional cache flushes SMT vulnerable

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BLAKE2 (Cycles/Byte)	**3.17**	**3.12**	**3.12**
Normalized	98.42%	100%	100%
Standard Deviation	3.4%	0.2%	0.2%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:09.