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1st5

Intel Core i7-8750H testing with a Alienware 17 R5 (1.11.0 BIOS) and NVIDIA GeForce GTX 1070 8GB on Pop 20.04 via the Phoronix Test Suite.

Test Systems:

Intel Core i7-8750H

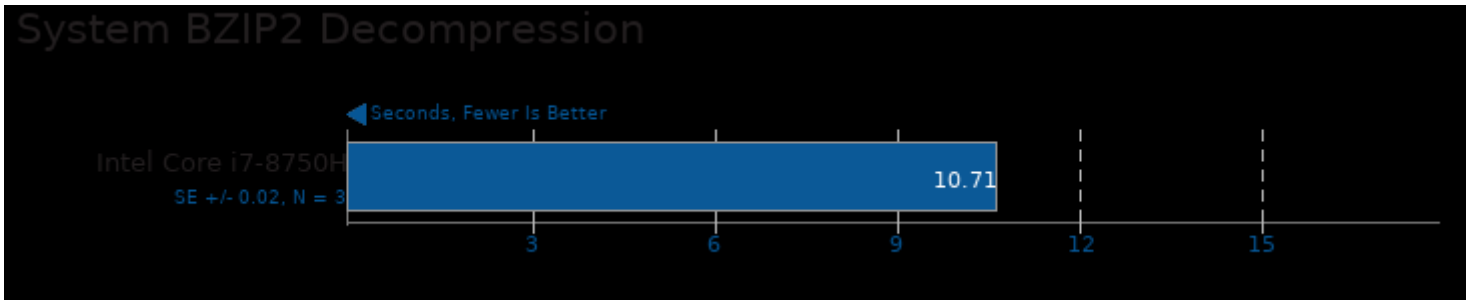
Processor: Intel Core i7-8750H @ 4.10GHz (6 Cores / 12 Threads), Motherboard: Alienware 17 R5 (1.11.0 BIOS), Chipset: Intel Cannon Lake PCH, Memory: 32GB, Disk: 500GB Western Digital WDS500G3X0C-00SJG0 + Samsung SSD 970 EVO Plus 250GB + PNY CS1311 480GB + 320GB External USB 3.0 + 1000GB PSSD T7, Graphics: NVIDIA GeForce GTX 1070 8GB (1442/4006MHz), Audio: Realtek ALC3266, Network: Qualcomm Atheros Killer E2500 + Intel-AC 9260

OS: Pop 20.04, Kernel: 5.8.0-7642-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.9, Display Driver: NVIDIA 460.39, OpenGL: 4.6.0, OpenCL: OpenCL 1.2 CUDA 11.2.136, Vulkan: 1.2.155, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 3440x1440

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Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xde - Thermald 1.9.1
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: 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: Not affected

	Intel Core i7-8750H
System BZIP2 Decompression (sec)	10.708
Standard Deviation	0.3%



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