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Intel Core i7-8850H testing with a Dell 0WCMKT (1.7.3 BIOS) and Intel CoffeeLake-H GT2 [UHD 630] 3GB on Fedora 34 via the Phoronix Test Suite.

Test Systems:

Intel Core i7-8850H - Intel CoffeeLake-H GT2 [UHD]

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 CoffeeLake-H GT2 [UHD 630] 3GB, Audio: Realtek ALC3246, Network: Intel I219-LM + Qualcomm Atheros QCA6174 802.11ac

OS: Fedora 34, Kernel: 5.11.2 (x86_64), Desktop: GNOME Shell 40.0, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.0.2, Compiler: GCC 11.0.1 20210324, File-System: btrfs, Screen Resolution: 1920x1080

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-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 + 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 + srbsds: Mitigation of Microcode + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

Intel Core i7-8850H - Intel CoffeeLake-H GT2 [UHD]	
Redis - LPOP (Reqs/sec)	2503763
Standard Deviation	1.6%
Redis - SADD (Reqs/sec)	2076884
Standard Deviation	0.3%
Redis - LPUSH (Reqs/sec)	1639768
Standard Deviation	1.1%
Redis - GET (Reqs/sec)	2396993
Standard Deviation	1.2%
Redis - SET (Reqs/sec)	1861920
Standard Deviation	1.8%

Redis v6.0.9

Test: LPOP



Phoronix Test Suite 9.0.1

1 (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3

Redis v6.0.9

Test: SADD



Phoronix Test Suite 9.0.1

1 (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3

Redis v6.0.9

Test: LPUSH



Phoronix Test Suite 9.0.1

1 (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3

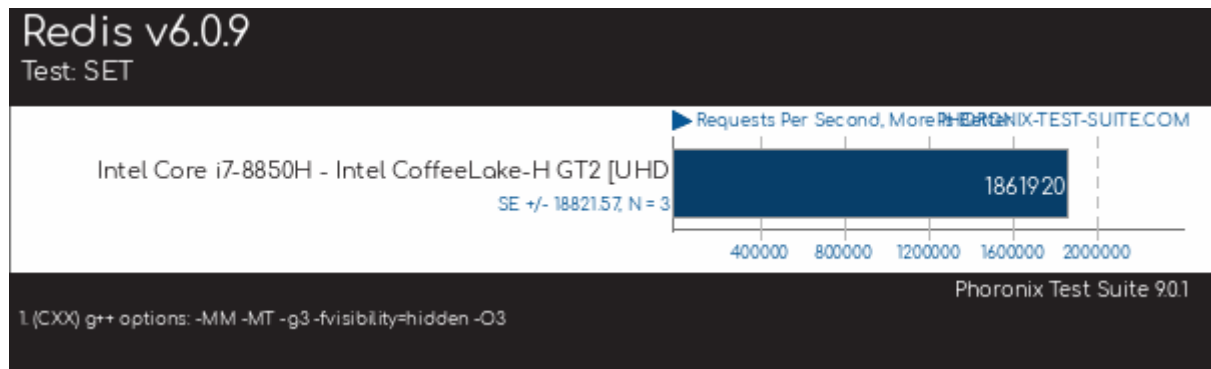
Redis v6.0.9

Test: GET



Phoronix Test Suite 9.0.1

1 (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3



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