



## **redisprovpf1**

Intel Core i7-8850H testing with a Dell 0WCMKT (1.7.3 BIOS) and Intel CoffeeLake-H GT2 [UHD 630] 2GB 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] 2GB (1150MHz), Audio: Realtek ALC3246, Network: Intel I219-LM + Qualcomm Atheros QCA6174 802.11ac

OS: Fedora 34, Kernel: 5.11.2provpbf0.1.0+ (x86\_64), Desktop: GNOME Shell 40.0, Display Server: X Server, Compiler: GCC 11.0.1 20210324 + Clang 12.0.0, File-System: btrfs, 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-linker-hash-style=gnu --with-tune=generic --without-cuda-driver

Processor Notes: Scaling Governor: intel\_pstate powersave

Security Notes: 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 - Intel CoffeeLake-H GT2 [UHD] |         |
|--|---------|
| Redis - LPOP (Reqs/sec)                            | 2230100 |
| Standard Deviation                                 | 1.3%    |
| Redis - SADD (Reqs/sec)                            | 1855225 |
| Standard Deviation                                 | 1%      |
| Redis - LPUSH (Reqs/sec)                           | 1501106 |
| Standard Deviation                                 | 1.4%    |
| Redis - GET (Reqs/sec)                             | 2134537 |
| Standard Deviation                                 | 1.2%    |
| Redis - SET (Reqs/sec)                             | 1685507 |
| Standard Deviation                                 | 1.6%    |

## 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

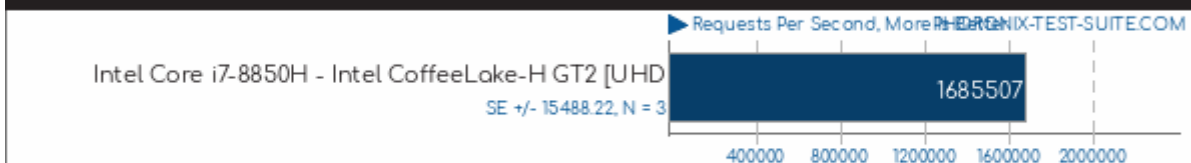


Phoronix Test Suite 9.0.1

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

## Redis v6.0.9

Test: SET



Phoronix Test Suite 9.0.1

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

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