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2 x Intel Xeon Gold 6330 testing with a Supermicro X12DPi-N6 v1.00 (1.0a BIOS) and ASPEED on CentOS Linux 8 via the Phoronix Test Suite.

Test Systems:

2 x Intel Xeon Gold 6330

Processor: 2 x Intel Xeon Gold 6330 @ 3.10GHz (56 Cores), Motherboard: Supermicro X12DPi-N6 v1.00 (1.0a BIOS), Chipset: Intel Device 0998, Memory: 16 x 32 GB DDR4-2933MT/s Samsung M393A4K40CB2-CVF, Disk: 2 x 1920GB INTEL SSDSC2KB01 + 12 x 8002GB HGST HUS728T8TAL, Graphics: ASPEED, Network: 2 x Intel I350 + 4 x Intel 82599ES 10-Gigabit SFI/SFP+

OS: CentOS Linux 8, Kernel: 4.18.0-80.el8.x86_64 (x86_64), Compiler: GCC 8.3.1 20191121, File-System: xfs, Screen Resolution: 1024x768

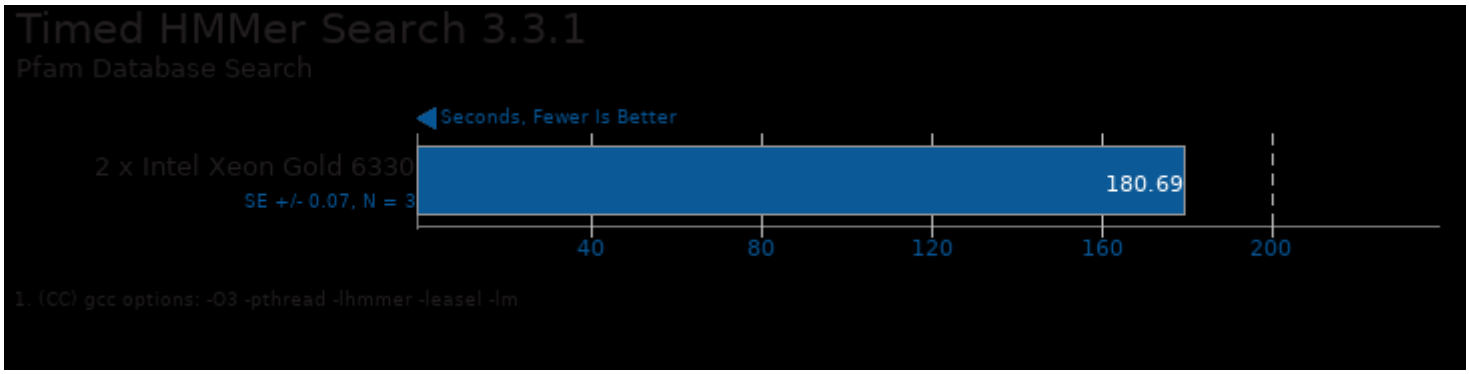
Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-gcc-major-version-only

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--with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0xd0001b2
Security Notes: SELinux + l1tf: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling

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Timed HMMer Search - P.D.S (sec)	180.691
Standard Deviation	0.1%

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