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intel_rodinia

Intel Xeon W-1270 testing with a Intel CometLake S UDIMM (ERB/CRB) v1 (CMLSFWR1.R00.1513.D00.1912200346 BIOS) and EFI VGA on Ubuntu 19.04 via the Phoronix Test Suite.

Test Systems:

w1270_ol

Processor: Intel Xeon W-1270 @ 4.90GHz (8 Cores / 16 Threads), Motherboard: Intel CometLake S UDIMM (ERB/CRB) v1 (CMLSFWR1.R00.1513.D00.1912200346 BIOS), Chipset: Intel Device 06ef, Memory: 4 x 16384 MB DDR4-3200MT/s Micron 16ATF2G64AZ-3G2J1, Disk: 240GB CT240BX500SSD1, Graphics: EFI VGA, Audio: Realtek ALC711, Network: Intel Device 0d4d + Intel Device 15f2

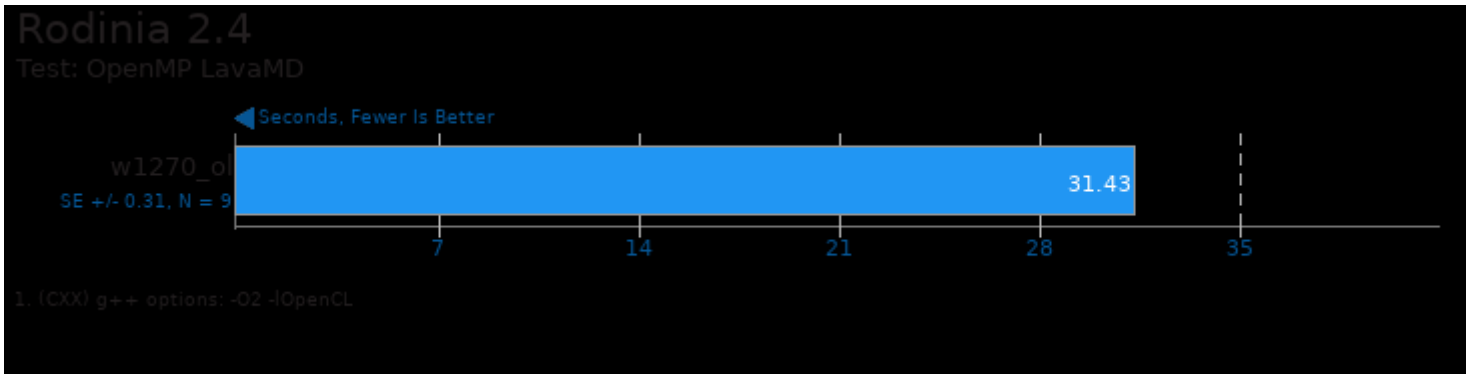
OS: Ubuntu 19.04, Kernel: 5.0.0-38-generic (x86_64), Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix

--host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xc4
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Not affected + mds: Not affected + meltdown: Not affected + 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 Enhanced IBRS IBPB: conditional RSB filling + tsx_async_abort: Not affected

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Rodinia - OpenMP LavaMD (sec)	31.430
Standard Deviation	3%

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