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mini-ch-made-network3

Intel Xeon E3-1225 v5 testing with a INTEL H110 (5.12 BIOS) and Intel HD P530 on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

3CS ordered custom build

Processor: Intel Xeon E3-1225 v5 @ 3.30GHz (4 Cores), Motherboard: INTEL H110 (5.12 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 2 x 16384 MB DDR4-2400MT/s Samsung M391A2K43BB1-CRC, Disk: SATA3 512GB SSD, Graphics: Intel HD P530 (1150MHz), Audio: Intel 100 /C230, Monitor: DP2VGA V235, Network: 6 x Intel I210

OS: Ubuntu 20.04, Kernel: 5.4.0-66-generic (x86_64), Vulkan: 1.2.145, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale-gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,objc+++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr.hsa --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=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate performance - CPU Microcode: 0xe2 - ThermalD 1.9.1
Security Notes: i1lb_multihit: KVM: Mitigation of Split huge pages + I1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT disabled + mds: Mitigation of Clear buffers; SMT disabled + 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: disabled RSB filling + srbd: Mitigation of Microcode + tsx_async_abort: Mitigation of Clear buffers; SMT disabled

3CS ordered custom build**Sockperf - Throughput (Messages/sec)** 408560

Standard Deviation 4.3%

Sockperf - Latency Ping Pong (usec) 4.154

Standard Deviation 0.4%

Sockperf - Latency Under Load (usec) 22.380

Standard Deviation 10.9%

Ethr - TCP - Latency - 1 (us) 13.89

Standard Deviation 0.4%

Ethr - HTTP - Bandwidth - 1 (Mbits/s) 1580

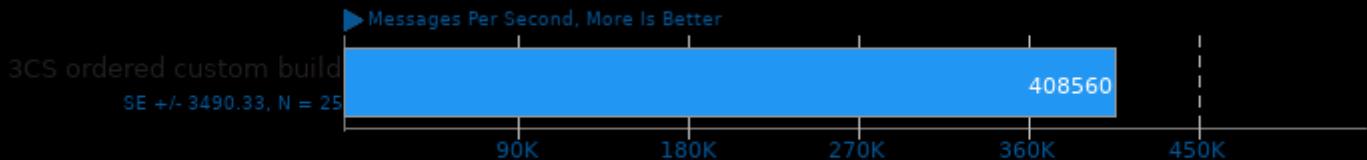
Standard Deviation 0.2%

Ethr - TCP - Connections/s - 1 (Connections/sec) 14380

Standard Deviation 0.7%

Sockperf 3.4

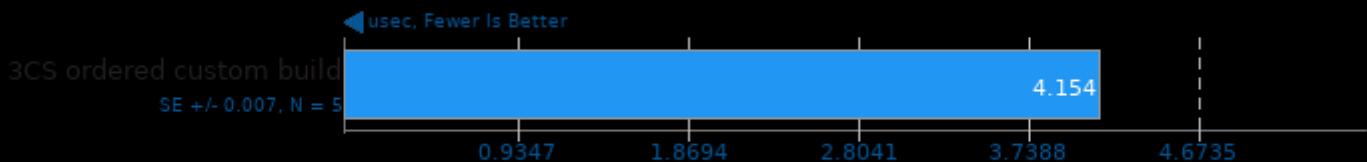
Test: Throughput



1. (CXX) g++ options: --param -O3 -rdynamic -ldl -lpthread

Sockperf 3.4

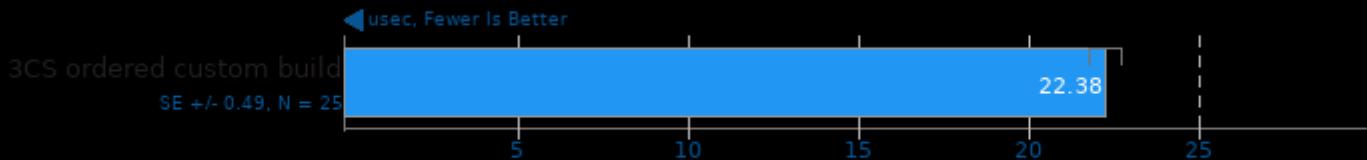
Test: Latency Ping Pong



1. (CXX) g++ options: --param -O3 -rdynamic -ldl -lpthread

Sockperf 3.4

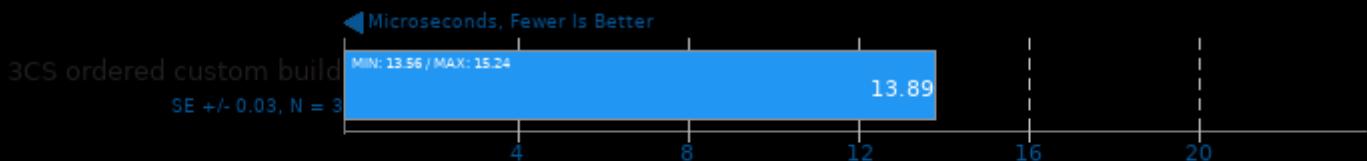
Test: Latency Under Load



1. (CXX) g++ options: --param -O3 -rdynamic -ldl -lpthread

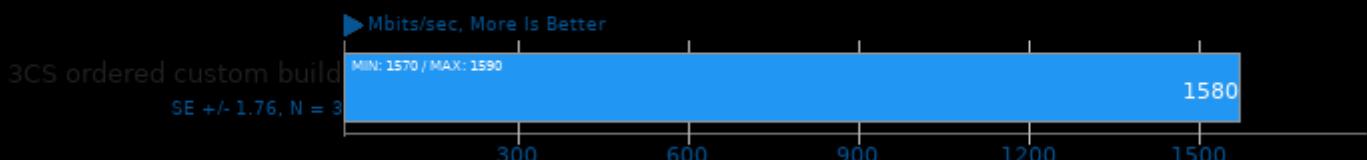
Ethr 2019-01-02

Server Address: localhost - Protocol: TCP - Test: Latency - Threads: 1



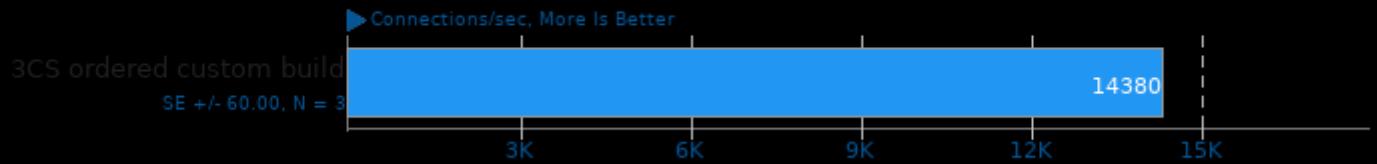
Ethr 2019-01-02

Server Address: localhost - Protocol: HTTP - Test: Bandwidth - Threads: 1



Ethr 2019-01-02

Server Address: localhost - Protocol: TCP - Test: Connections/s - Threads: 1



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:37.