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ubuntu2010-nvidia418-cuda101

Intel Xeon E5-2620 v4 testing with a ASUS X99-E WS/USB 3.1 (4001 BIOS) and eVGA NVIDIA GeForce GTX 1080 8GB on Ubuntu 20.10 via the Phoronix Test Suite.

Test Systems:

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Processor: Intel Xeon E5-2620 v4 @ 3.00GHz (8 Cores / 16 Threads), Motherboard: ASUS X99-E WS/USB 3.1 (4001 BIOS), Chipset: Intel Xeon E7 v4/Xeon, Memory: 64GB, Disk: 512GB SAMSUNG MZVKW512HMJP-00000 + 4001GB Western Digital WD4003FFBX-6 + 4001GB HGST HDN724040AL + 750GB SAMSUNG HD753LJ, Graphics: eVGA NVIDIA GeForce GTX 1080 8GB, Audio: Realtek ALC1150, Network: Intel I218-LM + Intel I210

OS: Ubuntu 20.10, Kernel: 5.8.0-29-generic (x86_64), Display Server: X Server 1.20.9, Display Driver: modesetting 1.20.9, OpenCL: OpenCL 1.2 CUDA 10.1.353, Vulkan: 1.1.95, Compiler: GCC 8.4.0 + CUDA 10.1, File-System: ext4, Screen Resolution: 1024x768

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=auto --with-tune=generic --without-cuda-driver -v
```

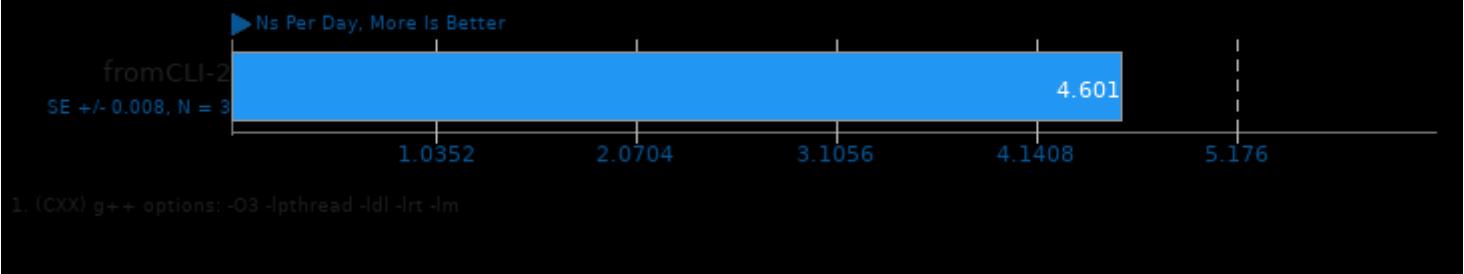
Processor Notes: Scaling Governor: intel_cpfufreq ondemand - CPU Microcode: 0xb000038

Security Notes: itlb_multihit: KVM: Mitigation of VMX unsupported + l1tf: Mitigation of PTE Inversion + 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: Not affected + tsx_async_abort: Mitigation
of Clear buffers; SMT vulnerable

fromCLI-2**GROMACS - Water Benchmark (Ns/Day)** 4.601**Standard Deviation** 0.3%

GROMACS 2020.3

Water Benchmark



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:45.