



stream test results

aaa1

Test Systems:

stream test results 1

Processor: Intel Xeon E5-2620 v4 (4 Cores), Motherboard: Microsoft Virtual Machine v7.0 (090006 BIOS), Memory: 8GB, Disk: 136GB Virtual Disk, Graphics: hyperv_fb

OS: Ubuntu 20.04.1 LTS, Kernel: 4.15.0-142-generic (x86_64), Display Driver: hyperv_fb, Compiler: GCC 9.3.0, File-System: overlayfs, Screen Resolution: 1152x864, System Layer: Docker

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,obj-c++,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: CPU Microcode: 0xffffffff

Security Notes: itlb_multihit: KVM: Vulnerable + I1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown +

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meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown

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Stream - Copy (MB/s) 14270

Standard Deviation 0.1%

Stream - Scale (MB/s) 9965

Standard Deviation 0.1%

Stream - Triad (MB/s) 11280

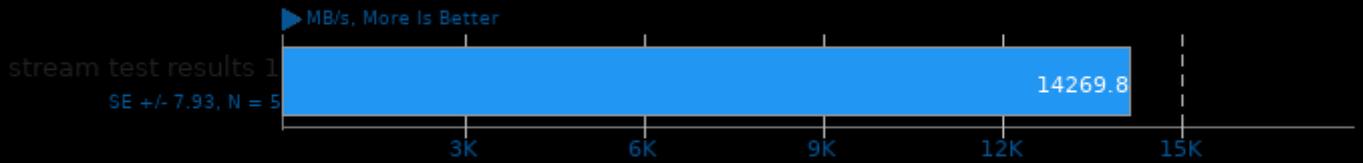
Standard Deviation 0.2%

Stream - Add (MB/s) 11273

Standard Deviation 0.1%

Stream 2013-01-17

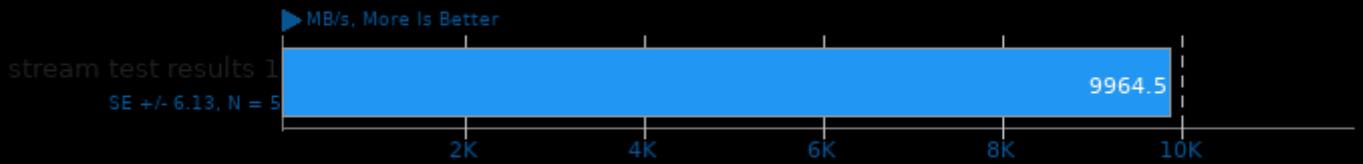
Type: Copy



1. (CC) gcc options: -O3 -march=native -fopenmp

Stream 2013-01-17

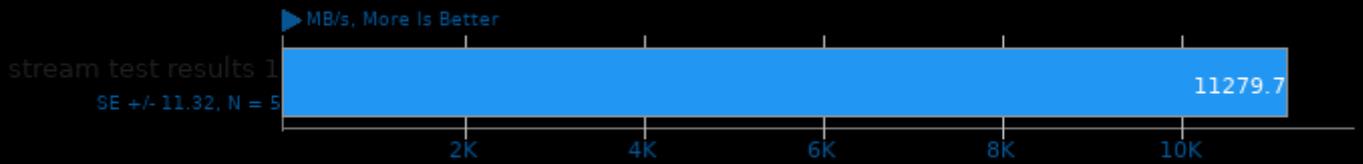
Type: Scale



1. (CC) gcc options: -O3 -march=native -fopenmp

Stream 2013-01-17

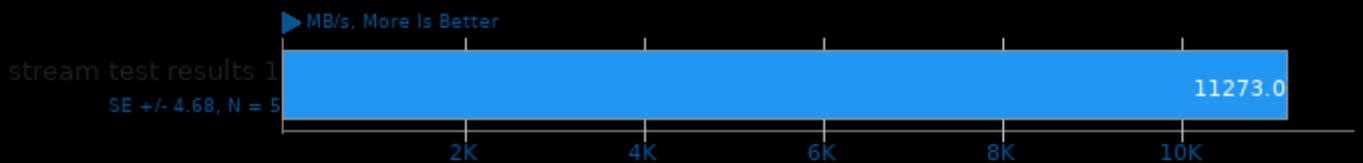
Type: Triad



1. (CC) gcc options: -O3 -march=native -fopenmp

Stream 2013-01-17

Type: Add



1. (CC) gcc options: -O3 -march=native -fopenmp

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