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ramspeed20181221

Intel Xeon E3-1230 v5 testing with a HP 802F (N51 Ver. 01.21 BIOS) and NVIDIA NVE7 2GB on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

ramspeed 16GB

Processor: Intel Xeon E3-1230 v5 @ 3.80GHz (4 Cores / 8 Threads), Motherboard: HP 802F (N51 Ver. 01.21 BIOS), Chipset: Intel Skylake, Memory: 16384MB, Disk: 1000GB Seagate ST1000DM003-1SB1 + 1000GB Seagate ST1000DX001-1NS1 + 2 x 2000GB EARS-00MVWB0 + 160GB 3200, Graphics: NVIDIA NVE7 2GB, Audio: Realtek ALC221, Monitor: LA2405, Network: Intel Connection

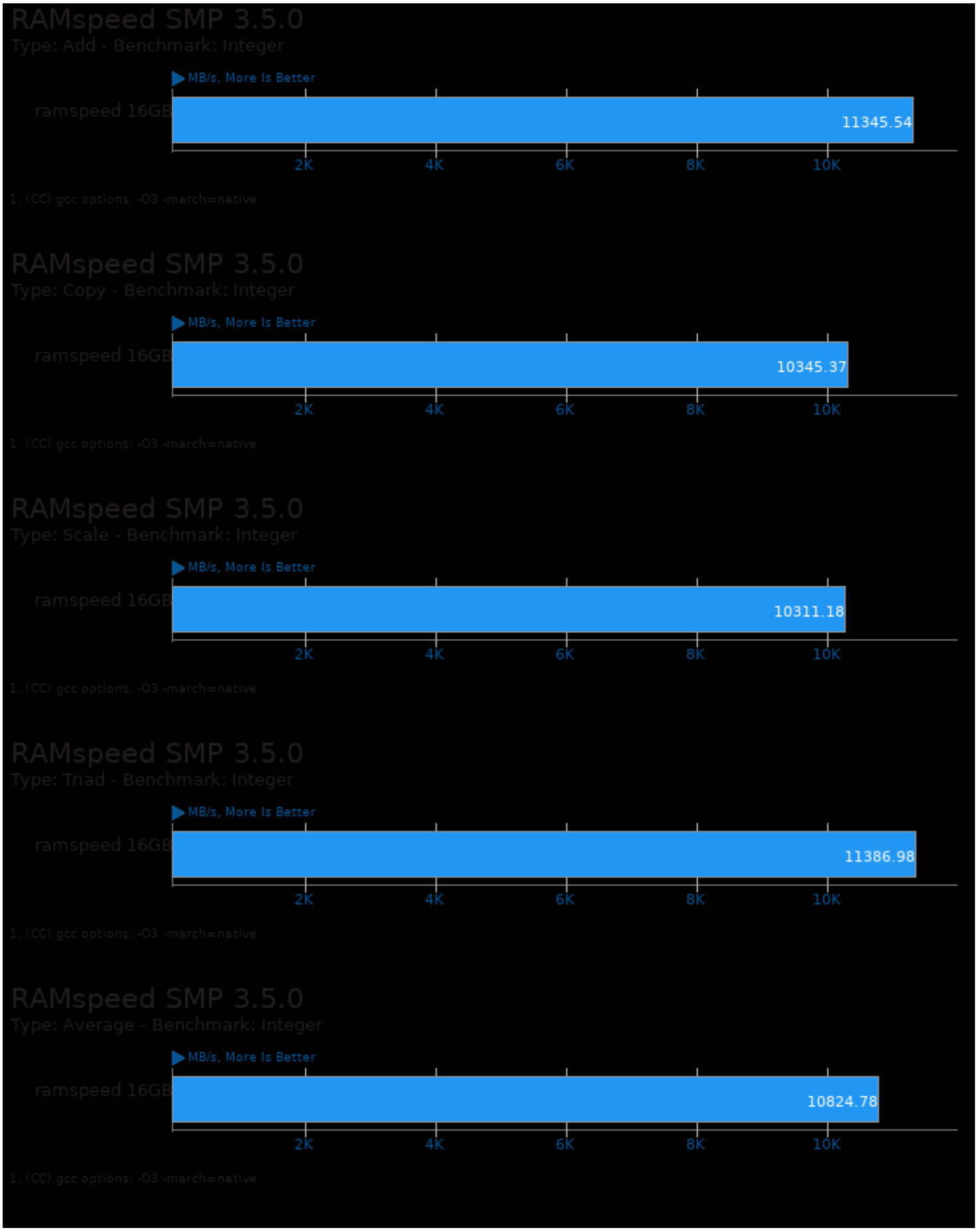
OS: Ubuntu 18.04, Kernel: 4.15.0-43-generic (x86_64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: nouveau 1.0.15, OpenGL: 4.3 Mesa 18.2.2, Compiler: GCC 7.3.0, File-System: ext4, Screen Resolution: 1920x1200

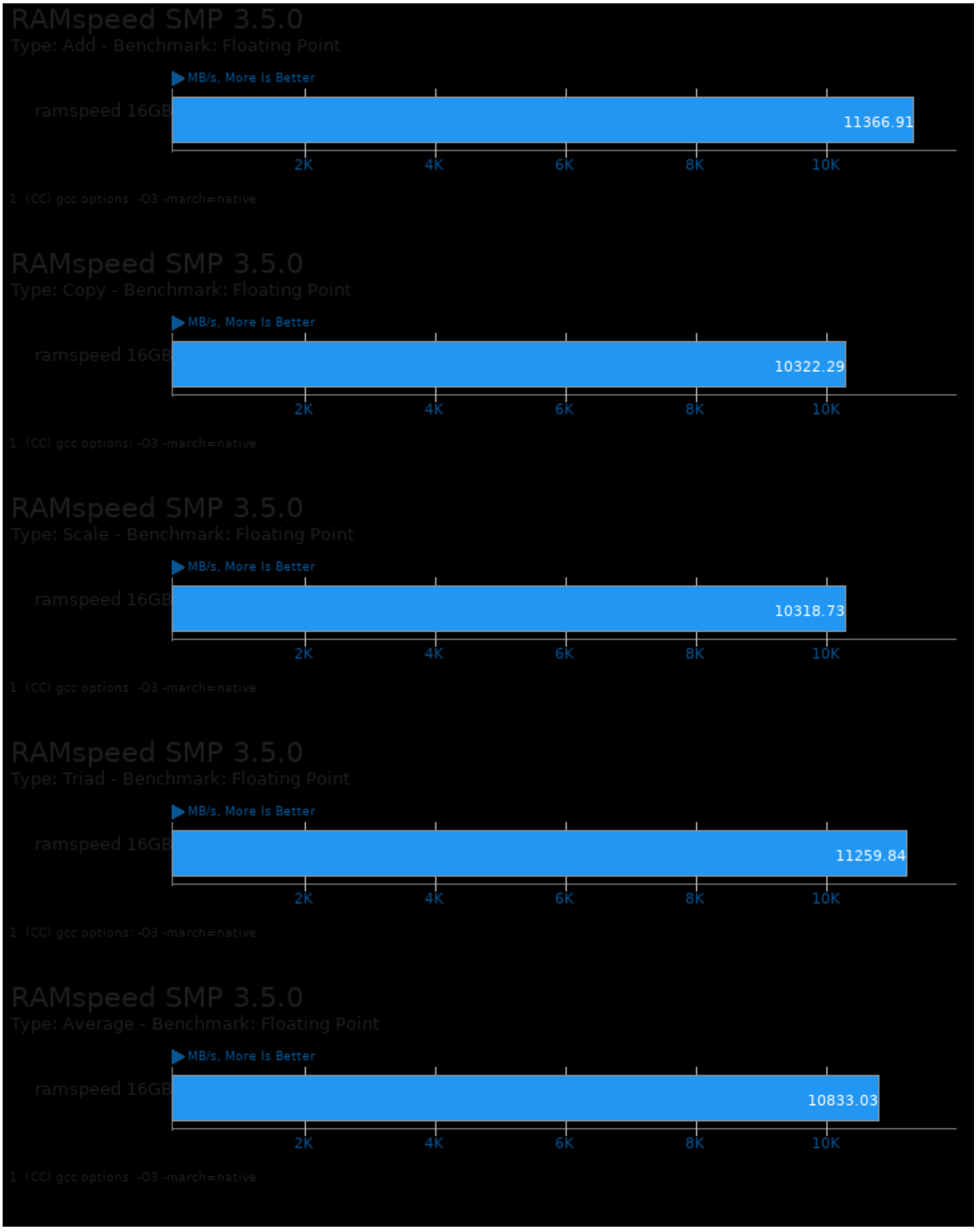
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

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--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
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW + SSB disabled via prctl and seccomp + PTE Inversion

	ramspeed 16GB
RAMspeed SMP - Add - Integer (MB/s)	11346
RAMspeed SMP - Copy - Integer (MB/s)	10345
RAMspeed SMP - Scale - Integer (MB/s)	10311
RAMspeed SMP - Triad - Integer (MB/s)	11387
RAMspeed SMP - Average - Integer (MB/s)	10825
RAMspeed SMP - Add - Floating Point (MB/s)	11367
RAMspeed SMP - Copy - Floating Point (MB/s)	10322
RAMspeed SMP - Scale - Floating Point (MB/s)	10319
RAMspeed SMP - Triad - Floating Point (MB/s)	11260
RAMspeed SMP - Average - Floating Point (MB/s)	10833


RAMspeed SMP 3.5.0
Type: Add - Benchmark: Integer
MB/s, More Is Better
ramspeed 16GB
11345.54
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Copy - Benchmark: Integer
MB/s, More Is Better
ramspeed 16GB
10345.37
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Scale - Benchmark: Integer
MB/s, More Is Better
ramspeed 16GB
10311.18
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Triad - Benchmark: Integer
MB/s, More Is Better
ramspeed 16GB
11386.98
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Average - Benchmark: Integer
MB/s, More Is Better
ramspeed 16GB
10824.78
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native


RAMspeed SMP 3.5.0
Type: Add - Benchmark: Floating Point
MB/s, More Is Better
ramspeed 16GB
11366.91
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Copy - Benchmark: Floating Point
MB/s, More Is Better
ramspeed 16GB
10322.29
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Scale - Benchmark: Floating Point
MB/s, More Is Better
ramspeed 16GB
10318.73
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Triad - Benchmark: Floating Point
MB/s, More Is Better
ramspeed 16GB
11259.84
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Average - Benchmark: Floating Point
MB/s, More Is Better
ramspeed 16GB
10833.03
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 06:50.