

www.phoronix-test-suite.com

2021-04-02-1452

Intel Core i5-4440 testing with a Gigabyte B85-HD3 (F3 BIOS) and Gigabyte Intel Haswell Desktop 2GB on Peppermint 10 via the Phoronix Test Suite.

Test Systems:

2 x 8192 MB DDR3-1333MT

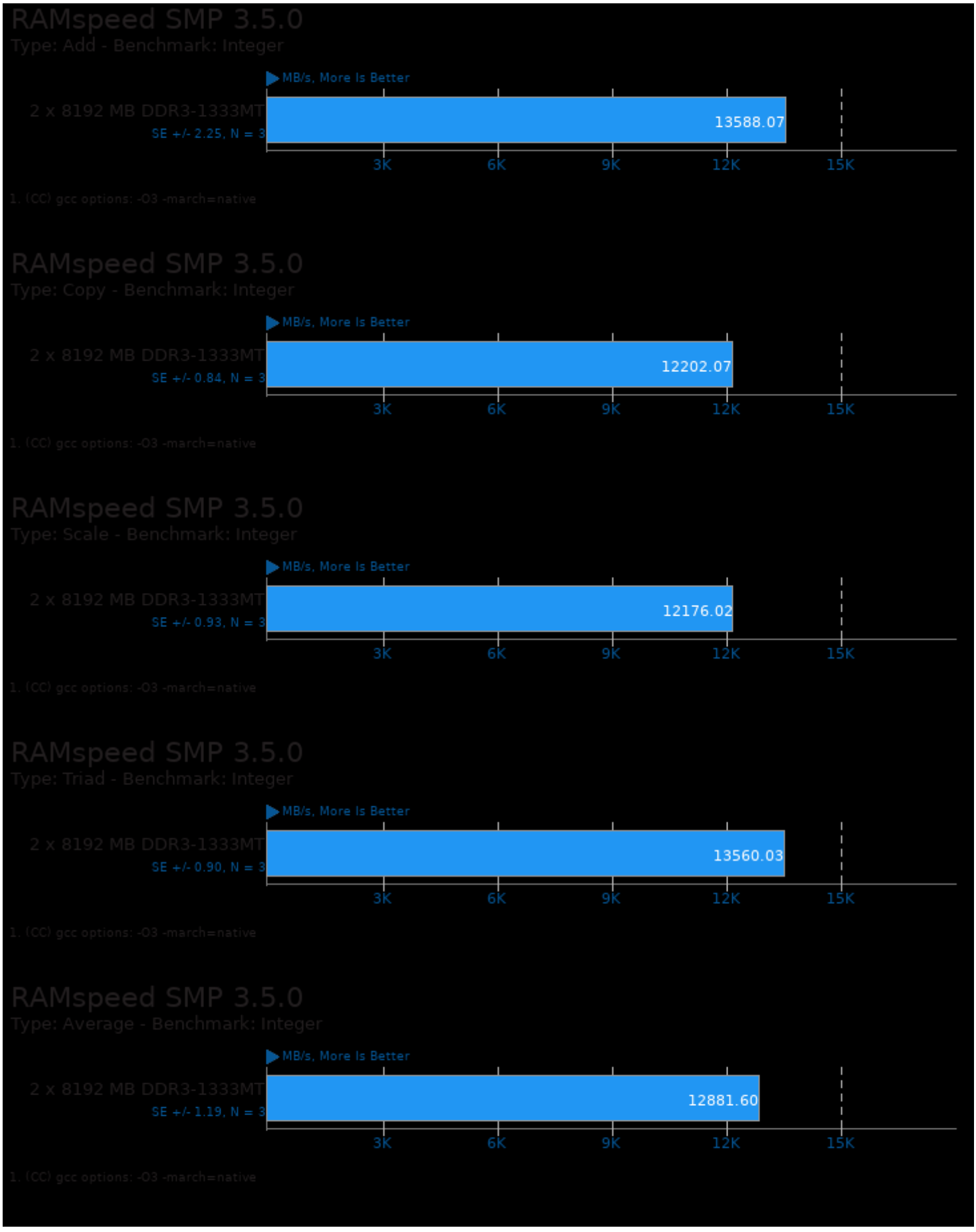
Processor: Intel Core i5-4440 @ 3.30GHz (4 Cores), Motherboard: Gigabyte B85-HD3 (F3 BIOS), Chipset: Intel 4th Gen Core DRAM, Memory: 2 x 8192 MB DDR3-1333MT/s, Disk: 3 x 6001GB TOSHIBA HDWD260 + 120GB KINGSTON SHFS37A + 16GB USB Flash Drive, Graphics: Gigabyte Intel Haswell Desktop 2GB (1100MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Realtek RTL8169 PCI

OS: Peppermint 10, Kernel: 5.0.0-37-generic (x86_64), Desktop: LXDE, Display Server: X Server 1.20.4, OpenGL: 4.5 Mesa 19.0.8, Compiler: GCC 7.4.0, File-System: overlayfs, Screen Resolution: 1920x1080

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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

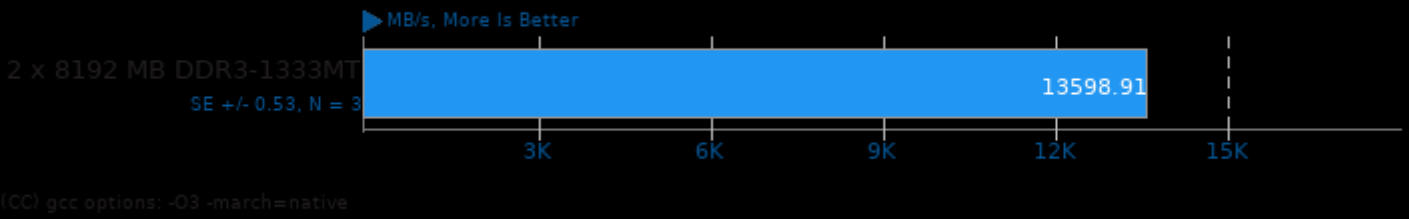
--enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --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 performance - CPU Microcode: 0x27 - Thermald 1.7
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: 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 + tsx_async_abort: Not affected

	2 x 8192 MB DDR3-1333MT
RAMspeed SMP - Add - Integer (MB/s)	13588
Standard Deviation	0%
RAMspeed SMP - Copy - Integer (MB/s)	12202
Standard Deviation	0%
RAMspeed SMP - Scale - Integer (MB/s)	12176
Standard Deviation	0%
RAMspeed SMP - Triad - Integer (MB/s)	13560
Standard Deviation	0%
RAMspeed SMP - Average - Integer (MB/s)	12882
Standard Deviation	0%
RAMspeed SMP - Add - Floating Point (MB/s)	13599
Standard Deviation	0%
RAMspeed SMP - Copy - Floating Point (MB/s)	12203
Standard Deviation	0%
RAMspeed SMP - Scale - Floating Point (MB/s)	12207
Standard Deviation	0%
RAMspeed SMP - Triad - Floating Point (MB/s)	13593
Standard Deviation	0%
RAMspeed SMP - Average - Floating Point (MB/s)	12901
Standard Deviation	0%


RAMspeed SMP 3.5.0
Type: Add - Benchmark: Integer
MB/s, More Is Better
2 x 8192 MB DDR3-1333MT
SE +/- 2.25, N = 3
13588.07
3K
6K
9K
12K
15K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Copy - Benchmark: Integer
MB/s, More Is Better
2 x 8192 MB DDR3-1333MT
SE +/- 0.84, N = 3
12202.07
3K
6K
9K
12K
15K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Scale - Benchmark: Integer
MB/s, More Is Better
2 x 8192 MB DDR3-1333MT
SE +/- 0.93, N = 3
12176.02
3K
6K
9K
12K
15K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Triad - Benchmark: Integer
MB/s, More Is Better
2 x 8192 MB DDR3-1333MT
SE +/- 0.90, N = 3
13560.03
3K
6K
9K
12K
15K
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Average - Benchmark: Integer
MB/s, More Is Better
2 x 8192 MB DDR3-1333MT
SE +/- 1.19, N = 3
12881.60
3K
6K
9K
12K
15K
1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

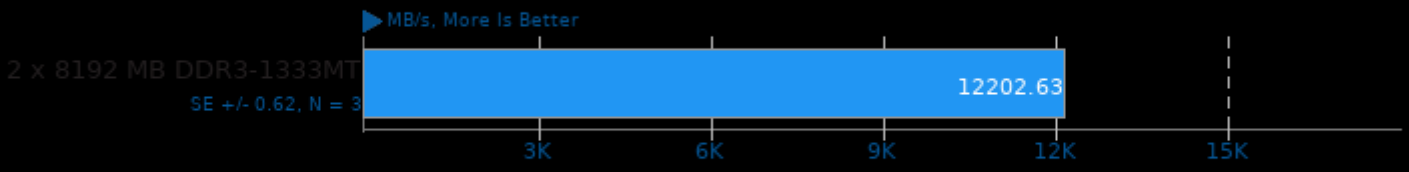
Type: Add - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

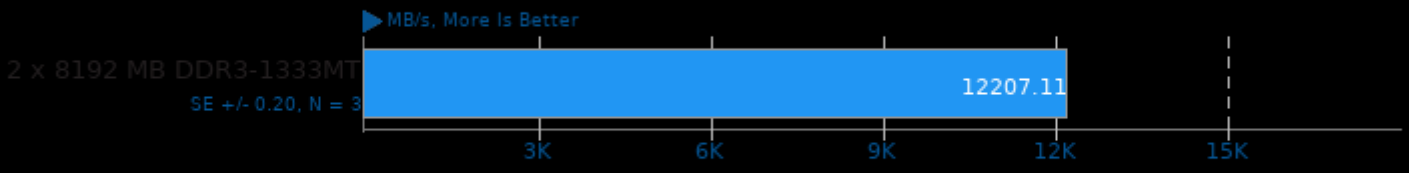
Type: Copy - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

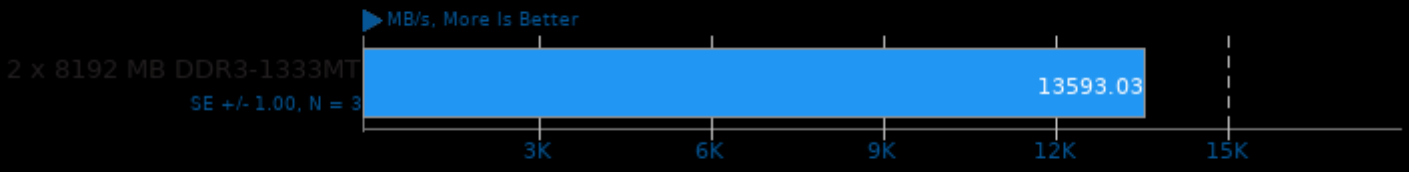
Type: Scale - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

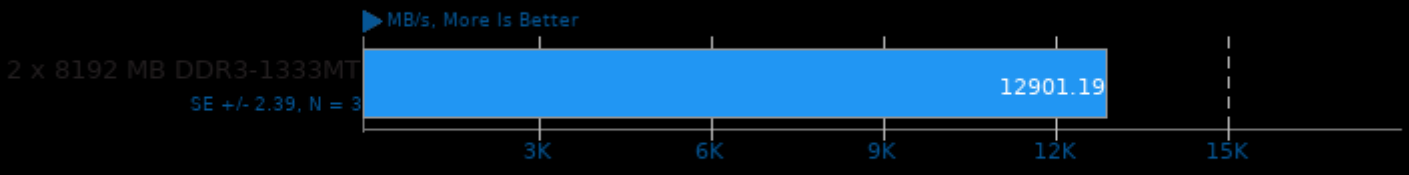
Type: Triad - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

Type: Average - Benchmark: Floating Point



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

2021-04-02-1452

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 12:16.