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test-ramspeed

KVM testing on CentOS 7.6.1810 via the Phoronix Test Suite.

Test Systems:

1 x 8192 MB RAM

Processor: Intel Xeon Platinum 8163 (2 Cores / 4 Threads), Motherboard: Alibaba Cloud ECS (8c24b4c BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 8192 MB RAM, Disk: 99GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: CentOS 7.6.1810, Kernel: 3.10.0-957.21.3.el7.x86_64 (x86_64), Compiler: GCC 9.3.1 20200408, File-System: ext4, Screen Resolution: 1024x768, System Layer: KVM

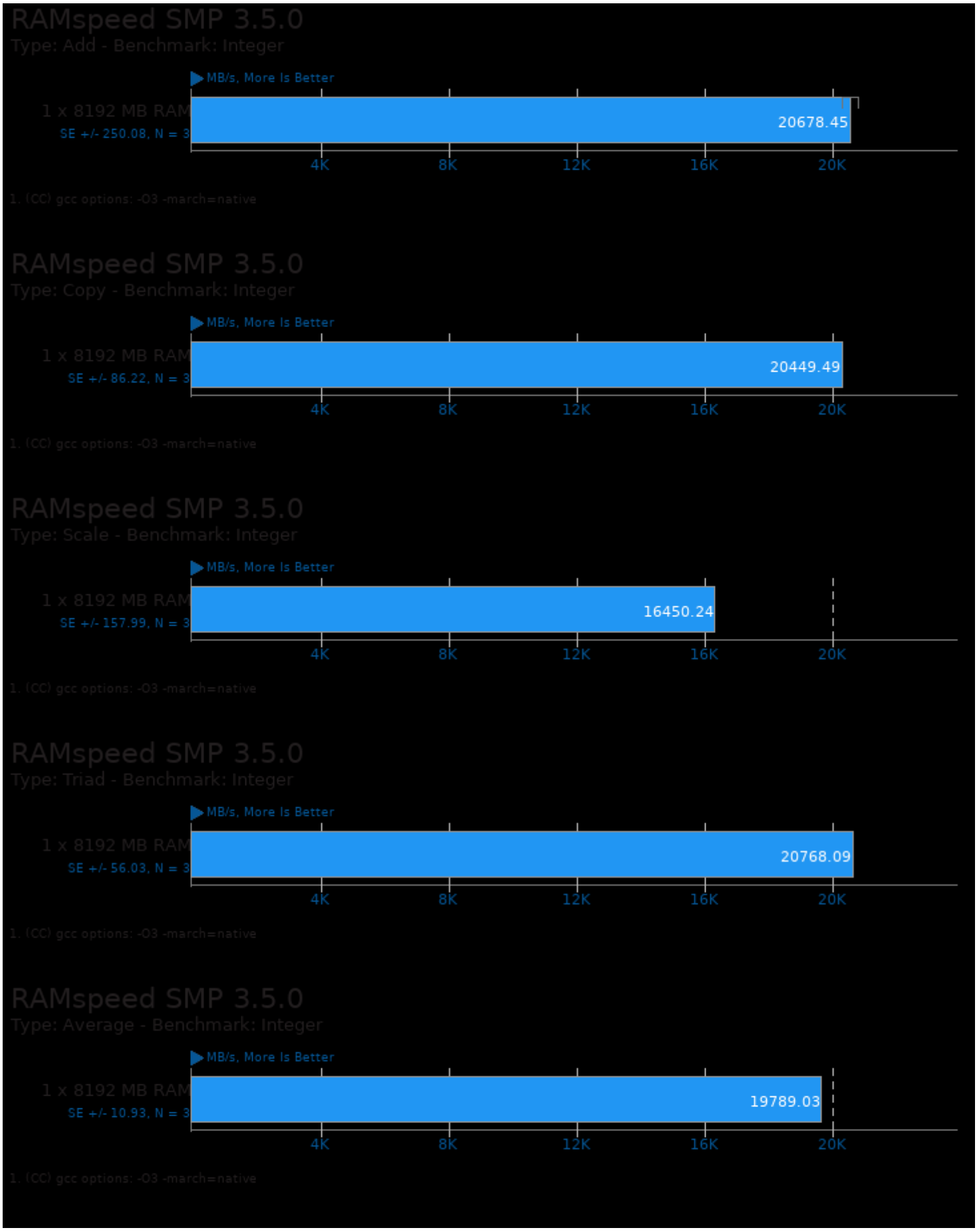
Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/opt/rh/devtoolset-9/root/usr/share/man --with-arch_32=x86-64 --with-default-libstdcxx-abi=gcc4-compatible --with-gcc-major-version-only --with-linker-hash-style=gnu --with-tune=generic
Processor Notes: CPU Microcode: 0x1
Security Notes: l1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown + meltdown: Mitigation of PTI +

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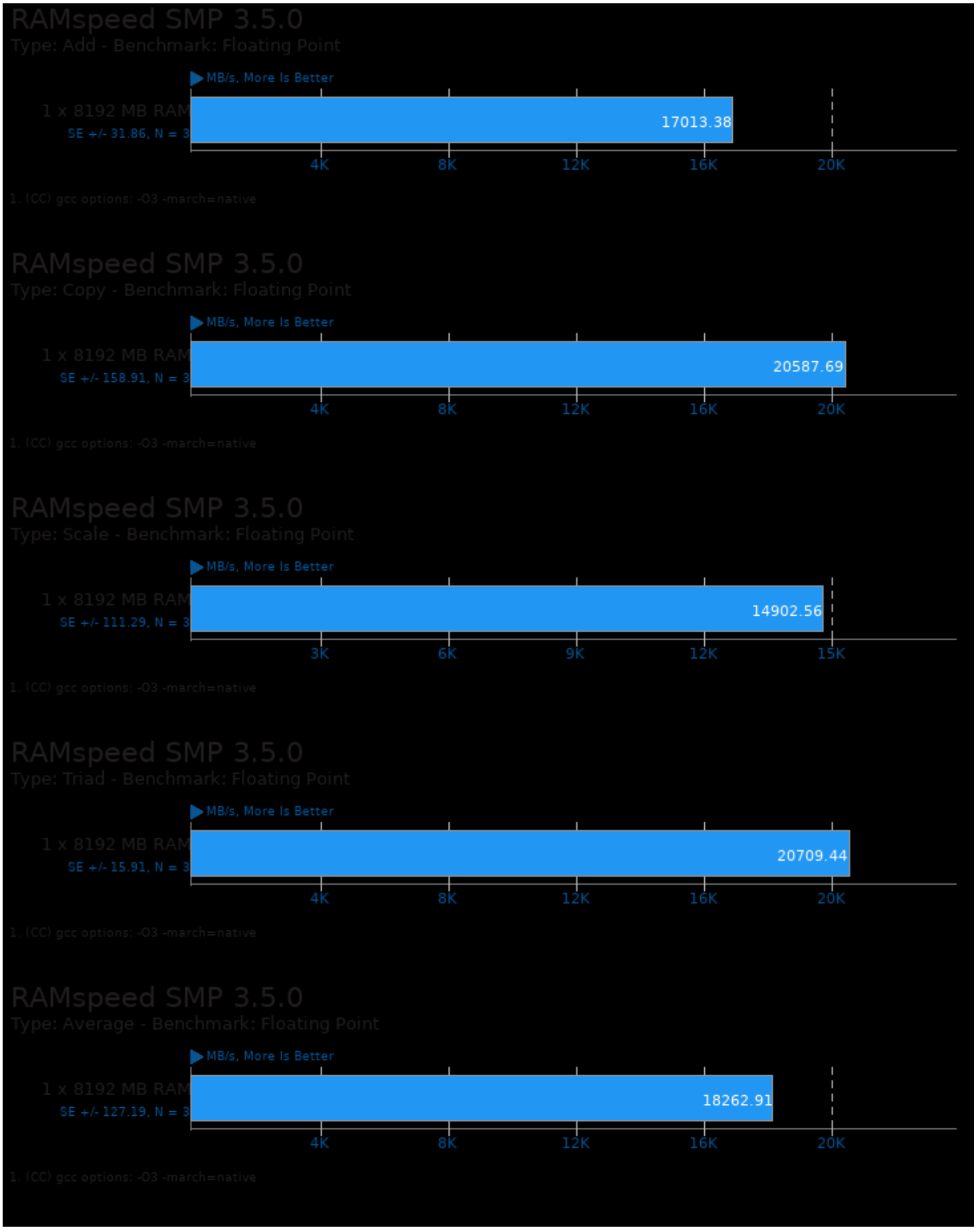
spec_store_bypass: Vulnerable + spectre_v1: Mitigation of Load fences __user pointer sanitization + spectre_v2: Vulnerable: Retpoline on Skylake+ IBPB

	1 x 8192 MB RAM
RAMspeed SMP - Add - Integer (MB/s)	20678
Standard Deviation	2.1%
RAMspeed SMP - Copy - Integer (MB/s)	20449
Standard Deviation	0.7%
RAMspeed SMP - Scale - Integer (MB/s)	16450
Standard Deviation	1.7%
RAMspeed SMP - Triad - Integer (MB/s)	20768
Standard Deviation	0.5%
RAMspeed SMP - Average - Integer (MB/s)	19789
Standard Deviation	0.1%
RAMspeed SMP - Add - Floating Point (MB/s)	17013
Standard Deviation	0.3%
RAMspeed SMP - Copy - Floating Point (MB/s)	20588
Standard Deviation	1.3%
RAMspeed SMP - Scale - Floating Point (MB/s)	14903
Standard Deviation	1.3%
RAMspeed SMP - Triad - Floating Point (MB/s)	20709
Standard Deviation	0.1%
RAMspeed SMP - Average - Floating Point (MB/s)	18263
Standard Deviation	1.2%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 19:56.