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# ramspeed.presult

Intel Core i7-8700K testing with a ASUS ROG STRIX Z370-E GAMING (0612 BIOS) and ASUS NVIDIA GeForce GTX 1080 8GB on ManjaroLinux 18.0.4 via the Phoronix Test Suite.

## Test Systems:

### Ramspeed test

Processor: Intel Core i7-8700K @ 4.70GHz (6 Cores / 12 Threads), Motherboard: ASUS ROG STRIX Z370-E GAMING (0612 BIOS), Chipset: Intel 8th Gen Core, Memory: 32768MB, Disk: 2000GB Samsung SSD 860, Graphics: ASUS NVIDIA GeForce GTX 1080 8GB (1670/5005MHz), Audio: Realtek ALC1220, Monitor: ROG PG279Q, Network: Intel I219-V + Realtek RTL8822BE 802.11a/b/g/n/ac

OS: ManjaroLinux 18.0.4, Kernel: 5.0.5-1-MANJARO (x86_64), Desktop: Xfce 4.12, Display Server: X Server 1.20.4, Display Driver: NVIDIA 418.43, OpenGL: 4.6.0, Compiler: GCC 8.2.1 20181127, File-System: ext4, Screen Resolution: 2560x1440

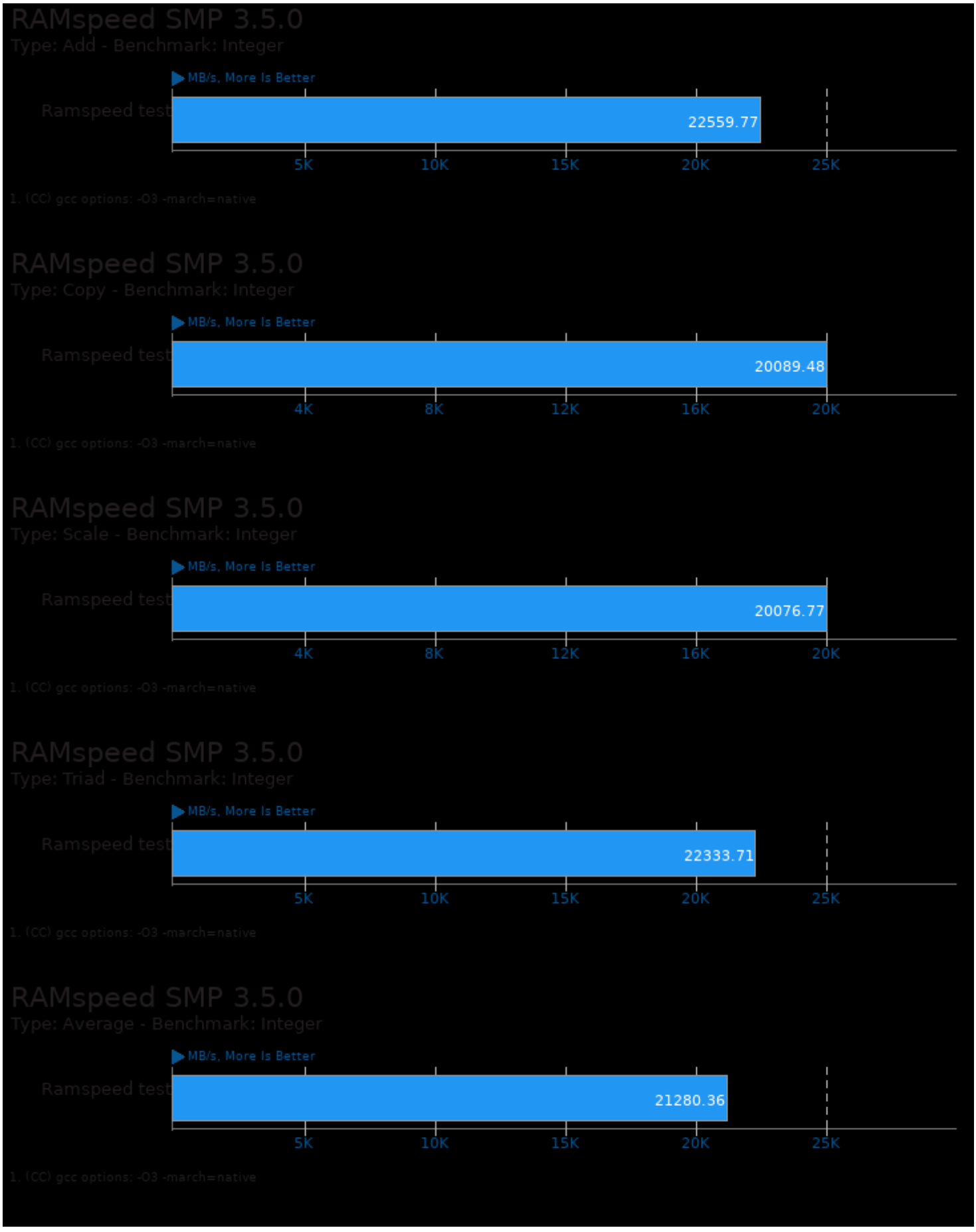
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty

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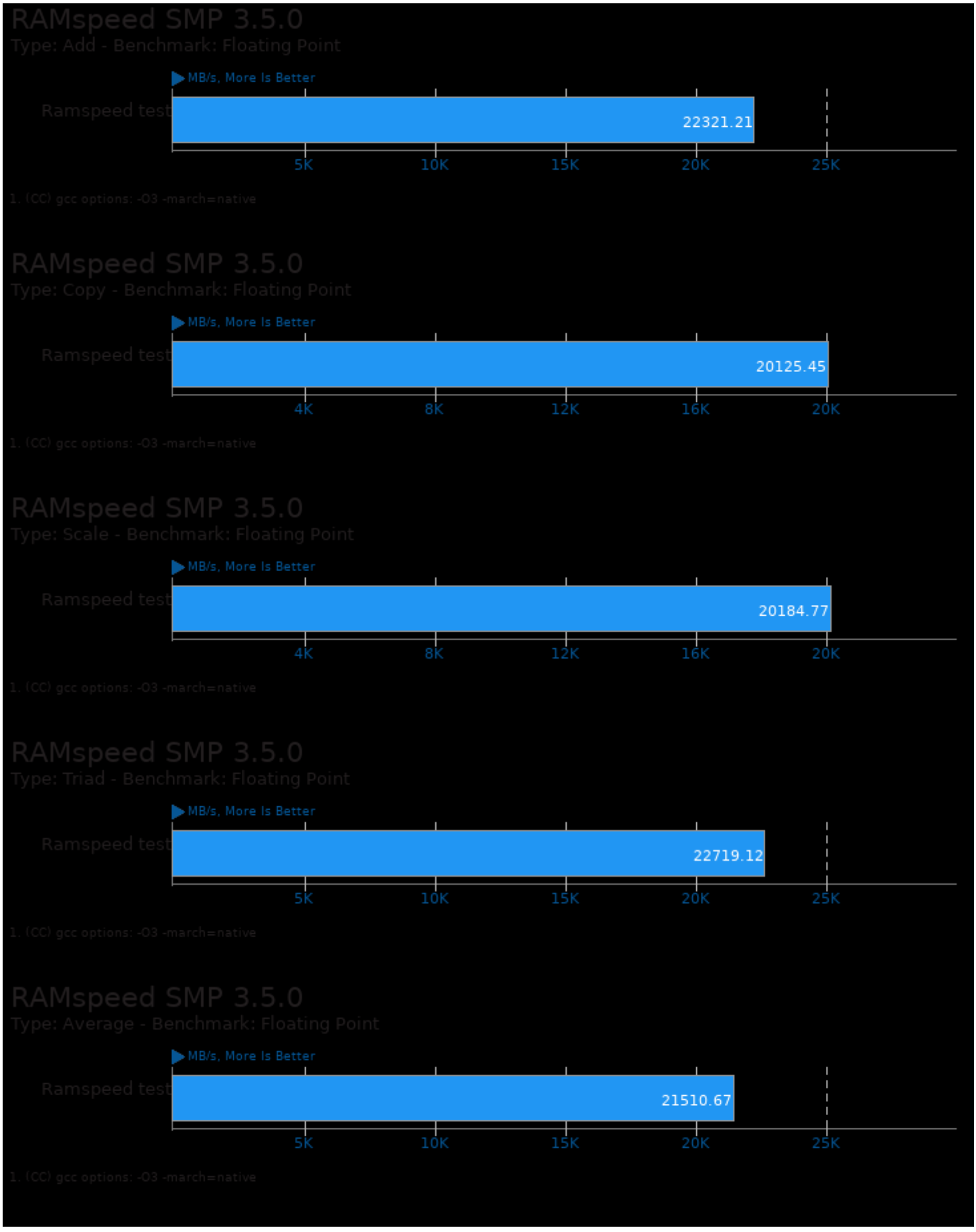
--enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++ --enable-libmpx --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + SSB disabled via prctl and seccomp + PTE Inversion

| | Ramspeed test |
|---|---|
| **RAMspeed SMP - Add - Integer (MB/s)** | 22560 |
| **RAMspeed SMP - Copy - Integer (MB/s)** | 20089 |
| **RAMspeed SMP - Scale - Integer (MB/s)** | 20077 |
| **RAMspeed SMP - Triad - Integer (MB/s)** | 22334 |
| **RAMspeed SMP - Average - Integer (MB/s)** | 21280 |
| **RAMspeed SMP - Add - Floating Point (MB/s)** | 22321 |
| **RAMspeed SMP - Copy - Floating Point (MB/s)** | 20125 |
| **RAMspeed SMP - Scale - Floating Point (MB/s)** | 20185 |
| **RAMspeed SMP - Triad - Floating Point (MB/s)** | 22719 |
| **RAMspeed SMP - Average - Floating Point (MB/s)** | 21511 |

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*This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 07:28.*