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10600k-ddr4-3200-c14-struikover-ramspeed1

Intel Core i5-10600K testing with a ASUS ROG STRIX Z490-G GAMING (0607 BIOS) and MSI NVIDIA GeForce GTX 1070 8GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

Struikrover 10600k ddr4-3200-c14 ramspeed 1

Processor: Intel Core i5-10600K @ 4.80GHz (6 Cores / 12 Threads), Motherboard: ASUS ROG STRIX Z490-G GAMING (0607 BIOS), Chipset: Intel Comet Lake PCH, Memory: 16GB, Disk: Samsung SSD 970 EVO Plus 250GB + 120GB Samsung SSD 840 + 1000GB Western Digital WD10EARS-22Y, Graphics: MSI NVIDIA GeForce GTX 1070 8GB (1531/4006MHz), Audio: Realtek ALC1220, Monitor: AG241QG4, Network: Intel Device 15f3

OS: Ubuntu 20.04, Kernel: 5.4.0-37-generic (x86_64), Desktop: MATE 1.24.0, Display Server: X Server 1.20.8, Display Driver: NVIDIA 440.64, OpenGL: 4.6.0, OpenCL: OpenCL 1.2 CUDA 10.2.141, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 2560x1440

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

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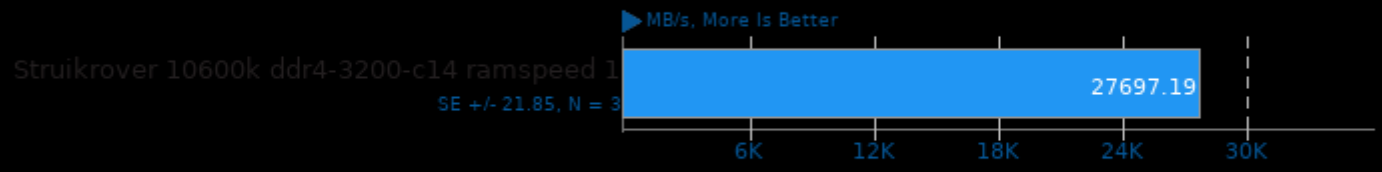
--enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --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: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xc8
Security Notes: itlb_multihit: KVM: Vulnerable + l1tf: Not affected + mds: Not affected + meltdown: Not affected + 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 Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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RAMspeed SMP - Add - Integer (MB/s)	27697
Standard Deviation	0.1%
RAMspeed SMP - Copy - Integer (MB/s)	25250
Standard Deviation	0.1%
RAMspeed SMP - Scale - Integer (MB/s)	25155
Standard Deviation	0%
RAMspeed SMP - Triad - Integer (MB/s)	27610
Standard Deviation	0.1%
RAMspeed SMP - Average - Integer (MB/s)	26421
Standard Deviation	0.1%
RAMspeed SMP - Add - Floating Point (MB/s)	27690
Standard Deviation	0.1%
RAMspeed SMP - Copy - Floating Point (MB/s)	25242
Standard Deviation	0.1%
RAMspeed SMP - Scale - Floating Point (MB/s)	25345
Standard Deviation	0%
RAMspeed SMP - Triad - Floating Point (MB/s)	27814
Standard Deviation	0%
RAMspeed SMP - Average - Floating Point (MB/s)	26533
Standard Deviation	0.1%

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RAMspeed SMP 3.5.0

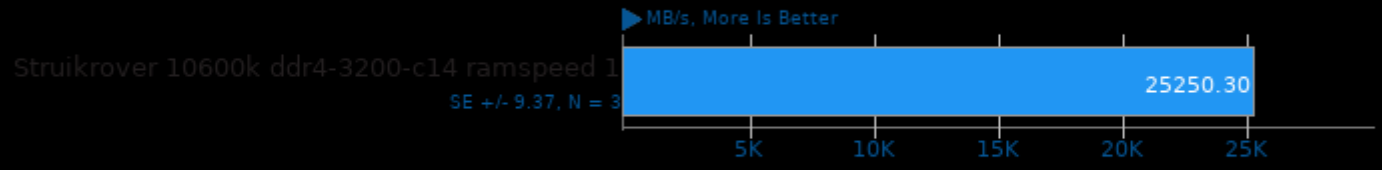
Type: Add - Benchmark: Integer



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

RAMspeed SMP 3.5.0

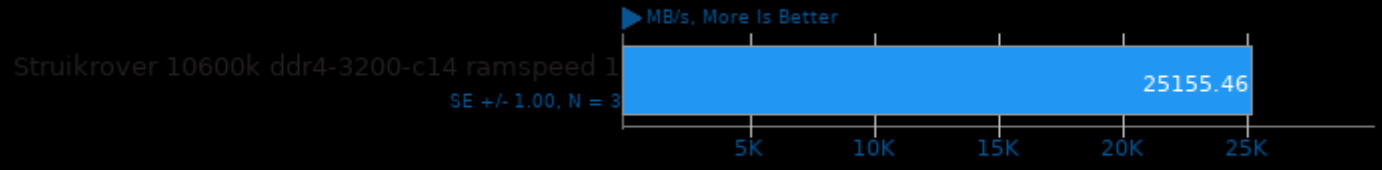
Type: Copy - Benchmark: Integer



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

RAMspeed SMP 3.5.0

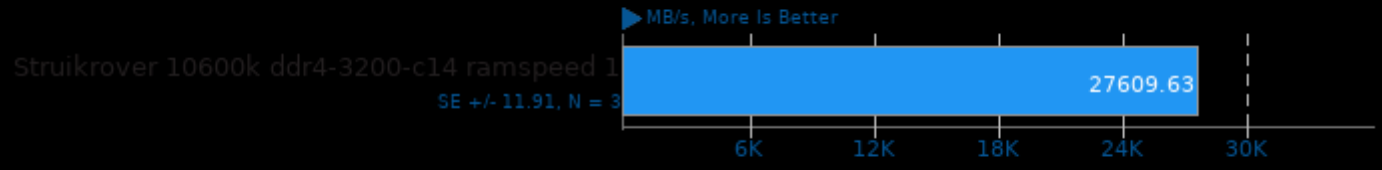
Type: Scale - Benchmark: Integer



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

RAMspeed SMP 3.5.0

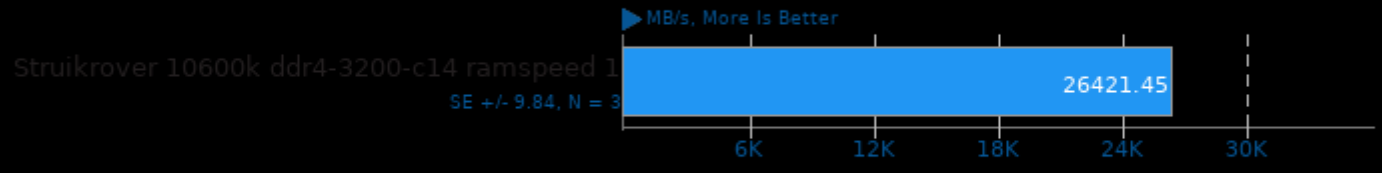
Type: Triad - Benchmark: Integer



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

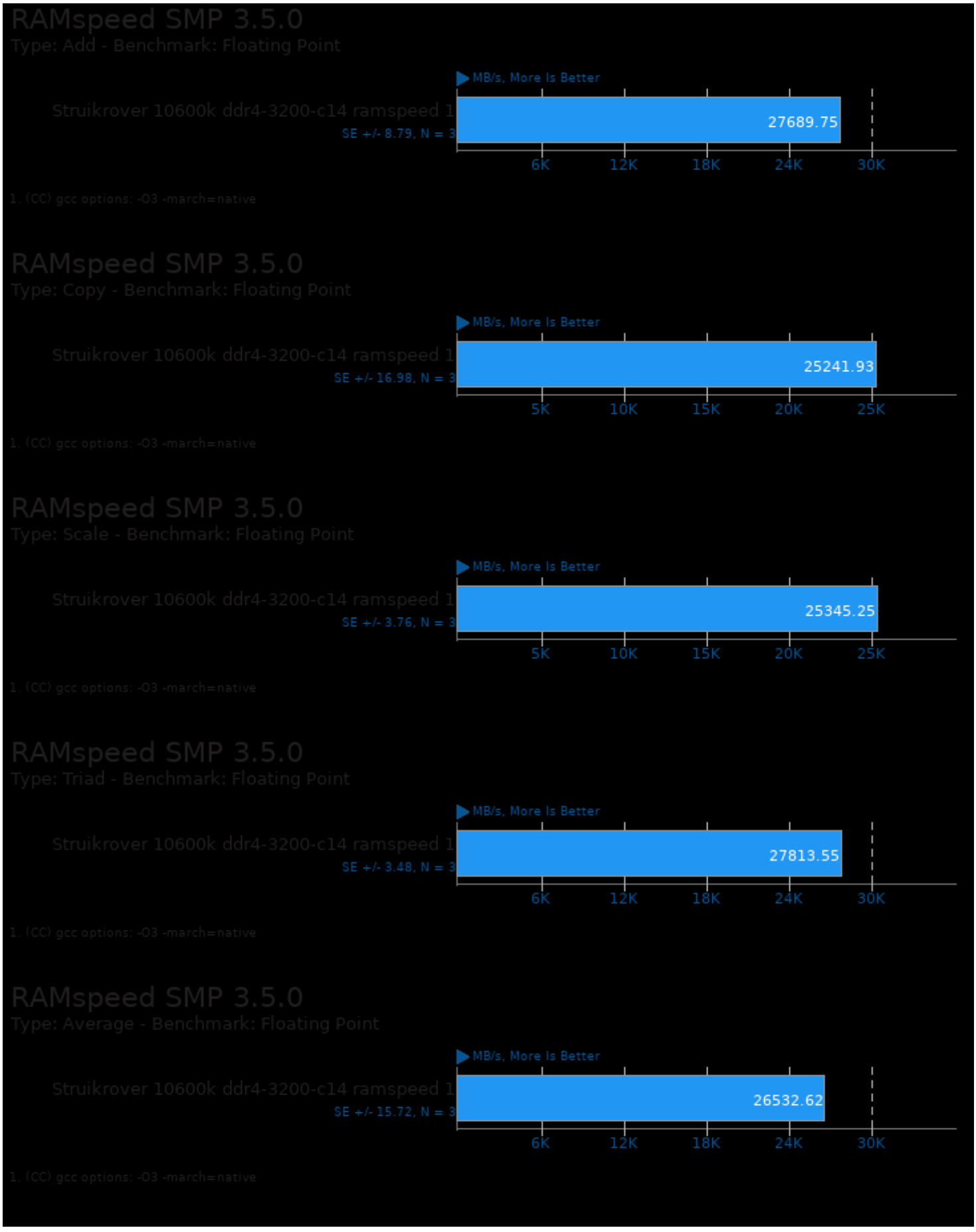
RAMspeed SMP 3.5.0

Type: Average - Benchmark: Integer



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

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 20:50.