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rocksdb_results

AMD Ryzen 9 5950X 16-Core testing with a MSI MEG X570 UNIFY (MS-7C35) v2.0 (A.E2 BIOS) and eVGA NVIDIA GeForce RTX 2080 SUPER 8GB on Garuda Soaring via the Phoronix Test Suite.

Test Systems:

first_test

Processor: AMD Ryzen 9 5950X 16-Core @ 3.40GHz (16 Cores / 32 Threads), Motherboard: MSI MEG X570 UNIFY (MS-7C35) v2.0 (A.E2 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 2 x 1000GB Samsung SSD 970 EVO Plus 1TB + 2 x 8002GB Seagate ST8000DM004-2CX1 + 16GB USB 2.0 FD, Graphics: eVGA NVIDIA GeForce RTX 2080 SUPER 8GB, Audio: NVIDIA TU104 HD Audio, Monitor: 2260WG5, Network: Realtek RTL8125 2.5GbE + Intel Wi-Fi 6 AX200

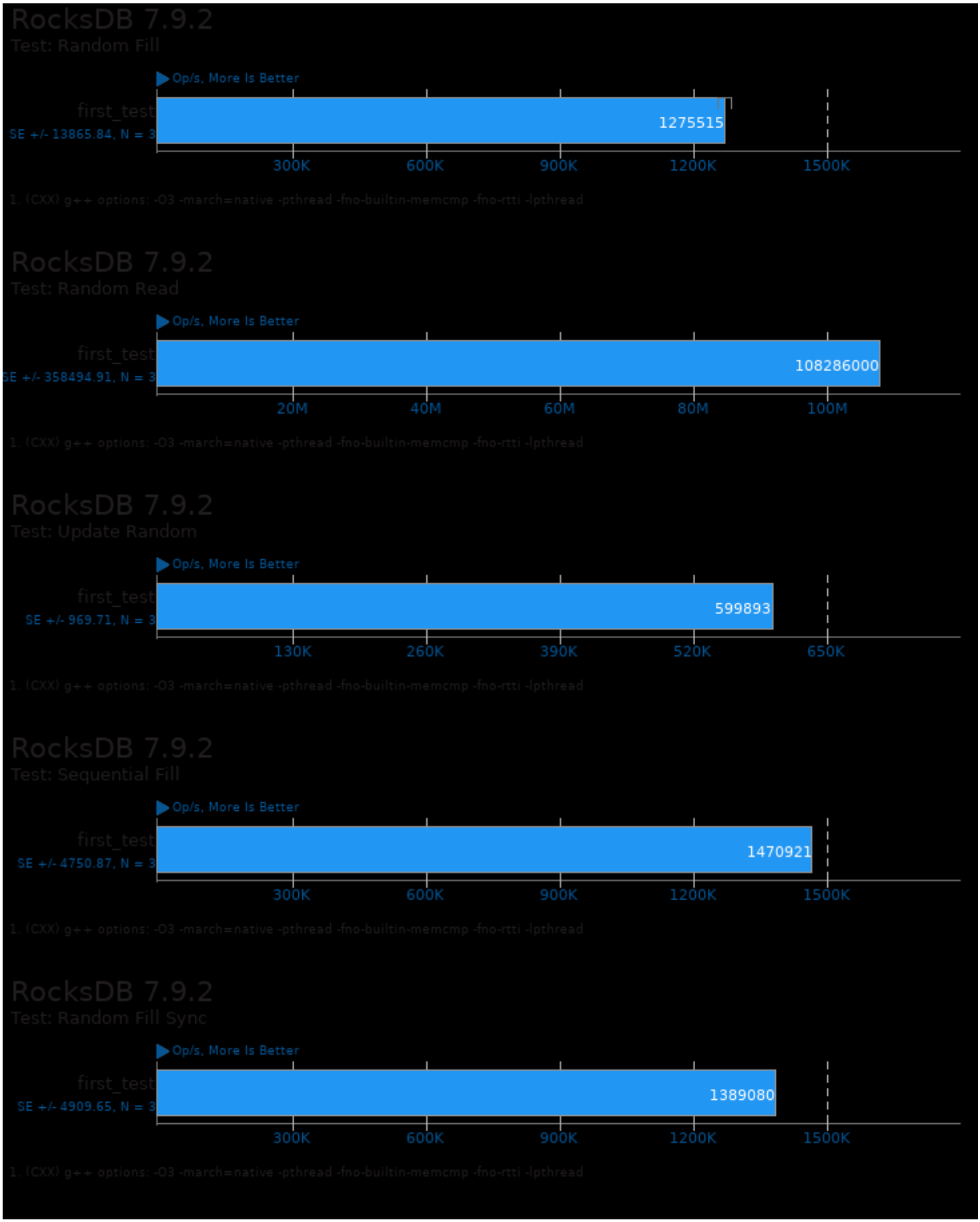
OS: Garuda Soaring, Kernel: 6.1.7-zen1-1-zen (x86_64), Desktop: KDE Plasma 5.26.5, Display Server: X Server 1.21.1.6, Display Driver: NVIDIA 525.85.05, OpenGL: 4.6.0, Compiler: GCC 12.2.1 20230111, File-System: btrfs, Screen Resolution: 1920x1080

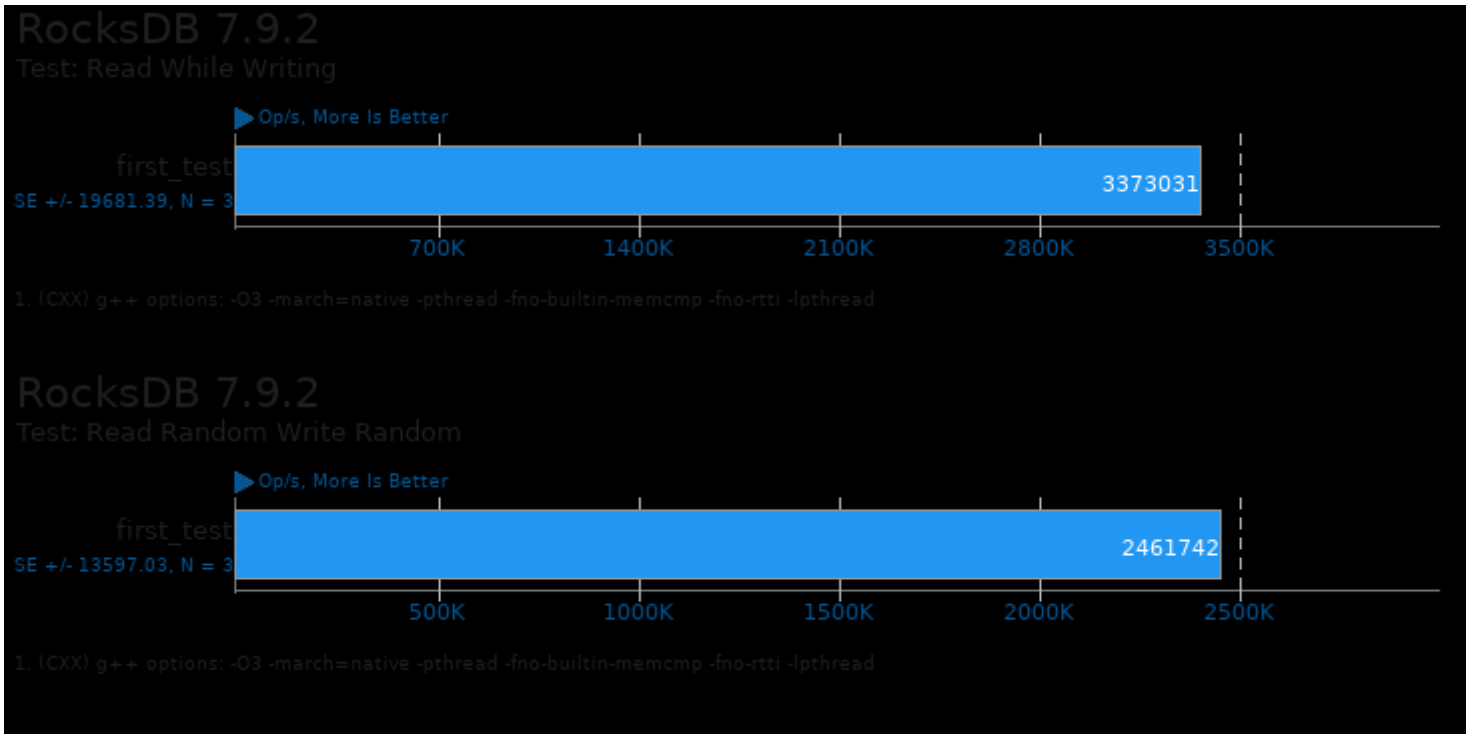
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Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-werror --enable-__cxa_atexit --enable-bootstrap --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-libstdcxx-backtrace --enable-link-serialization=1 --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-build-config=bootstrap-lto --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa20120a
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IBPB: conditional IBRS_FW STIBP: always-on RSB filling PBRSB-eIBRS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

	first_test
RocksDB - Rand Fill (Op/s)	1275515
Standard Deviation	1.9%
RocksDB - Rand Read (Op/s)	108286000
Standard Deviation	0.6%
RocksDB - Update Rand (Op/s)	599893
Standard Deviation	0.3%
RocksDB - Seq Fill (Op/s)	1470921
Standard Deviation	0.6%
RocksDB - Rand Fill Sync (Op/s)	1389080
Standard Deviation	0.6%
RocksDB - Read While Writing (Op/s)	3373031
Standard Deviation	1%
RocksDB - R.R.W.R (Op/s)	2461742
Standard Deviation	1%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:51.