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testssd

AMD Ryzen 5 5600G testing with a Gigabyte B550 AORUS ELITE V2 (F13 BIOS) and Gigabyte AMD RENOIR 512MB on Linuxmint 20.2 via the Phoronix Test Suite.

Test Systems:

KINGSTON SKC2500M8500G

Processor: AMD Ryzen 5 5600G @ 3.90GHz (6 Cores / 12 Threads), Motherboard: Gigabyte B550 AORUS ELITE V2 (F13 BIOS), Chipset: AMD Renoir Root Complex, Memory: 16GB, Disk: 500GB KINGSTON SKC2500M8500G, Graphics: Gigabyte AMD RENOIR 512MB (1900/1600MHz), Audio: AMD Device 1637, Monitor: 2 x VA24DQLB, Network: Realtek RTL8125 2.5GbE

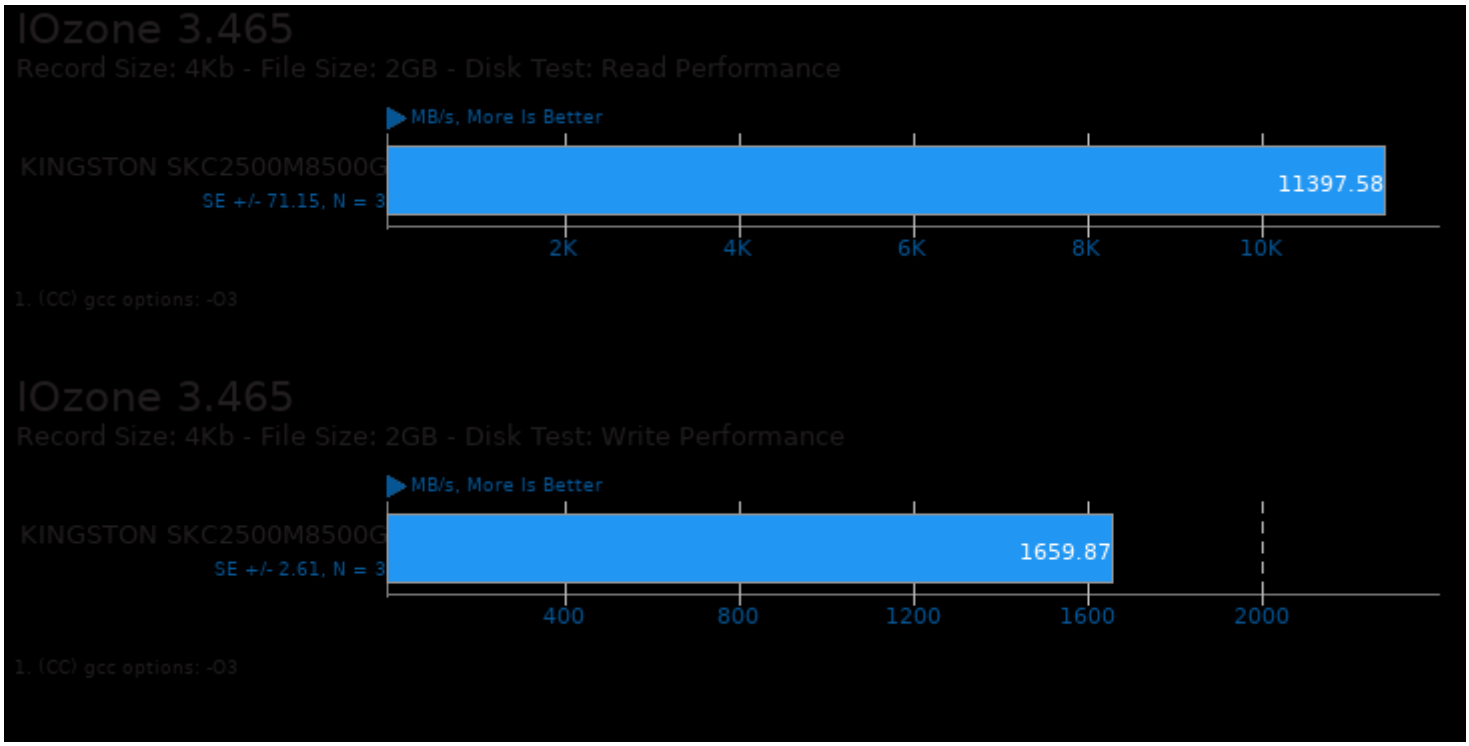
OS: Linuxmint 20.2, Kernel: 5.11.0-36-generic (x86_64), Desktop: Cinnamon 5.0.5, Display Server: X Server 1.20.11, OpenGL: 4.6 Mesa 21.0.3 (LLVM 12.0.0), Vulkan: 1.2.145, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 3840x1080

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++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,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
Disk Notes: NONE / relatime,rw / Block Size: 4096
Processor Notes: Scaling Governor: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0xa50000c
Security Notes: itlb_multihit: Not affected + 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 Full AMD retpoline IBPB: conditional IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	KINGSTON SKC2500M8500G
IOzone - 4Kb - 2GB - Read Performance (MB/s)	11398
Standard Deviation	1.1%
IOzone - 4Kb - 2GB - Write Performance (MB/s)	1660
Standard Deviation	0.3%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 14:57.