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iozone_results

Intel Core i5-10210U testing with a LENOVO LNVNB161216 (CJCN33WW BIOS) and Intel UHD on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

iozone_results

Processor: Intel Core i5-10210U @ 4.20GHz (4 Cores / 8 Threads), Motherboard: LENOVO LNVNB161216 (CJCN33WW BIOS), Chipset: Intel Device 02ef, Memory: 8GB, Disk: 512GB Western Digital PC SN730 SDBPNTY-512G-1101, Graphics: Intel UHD (1100MHz), Audio: Realtek ALC257, Network: Realtek RTL8111/8168/8411 + Intel-AC 9462

OS: Ubuntu 20.04, Kernel: 5.8.0-48-generic (x86_64), Desktop: GNOME Shell 3.36.7, Display Server: X Server 1.20.9, OpenGL: 4.6 Mesa 20.2.6, Vulkan: 1.2.145, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1080

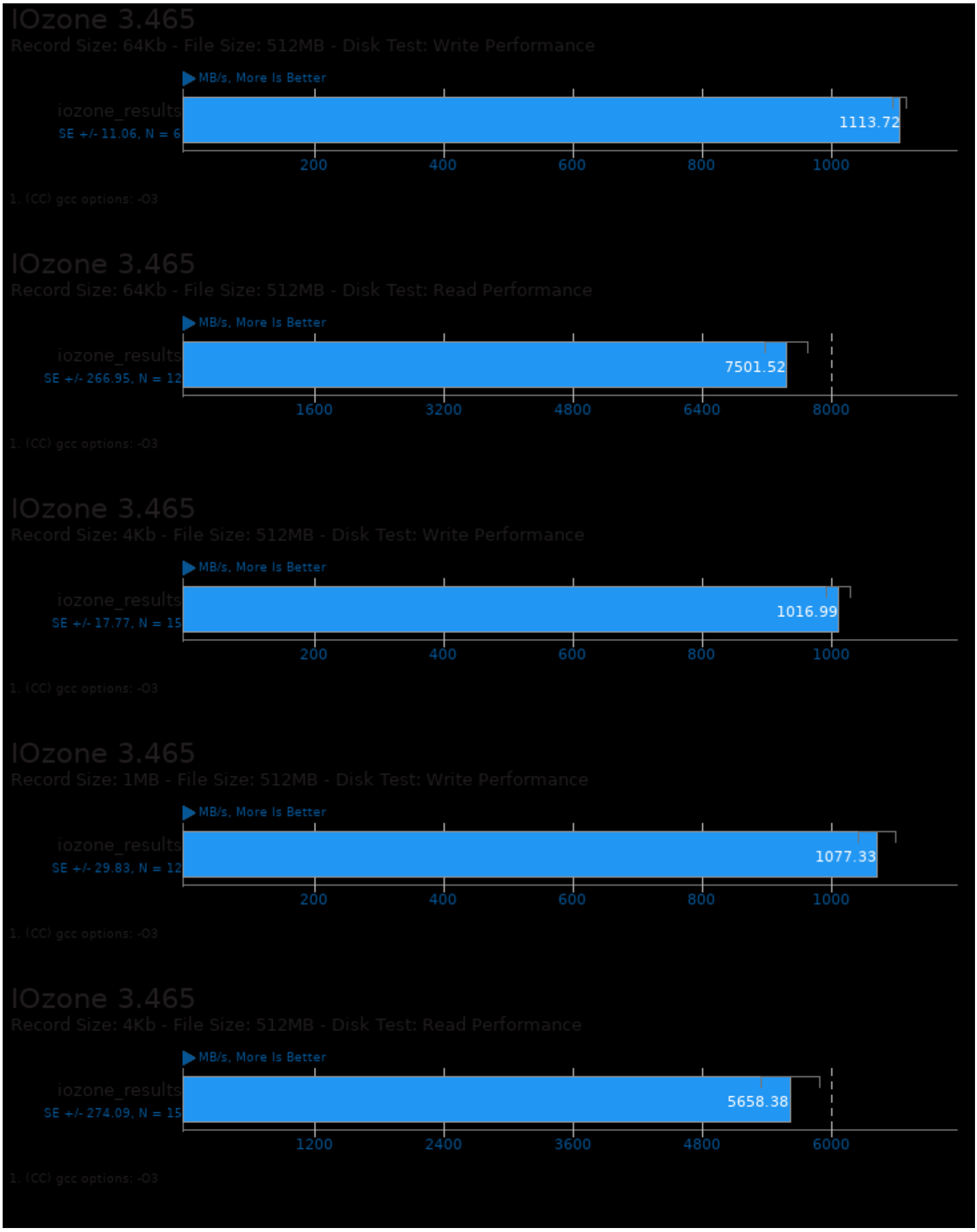
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch

iozone_results

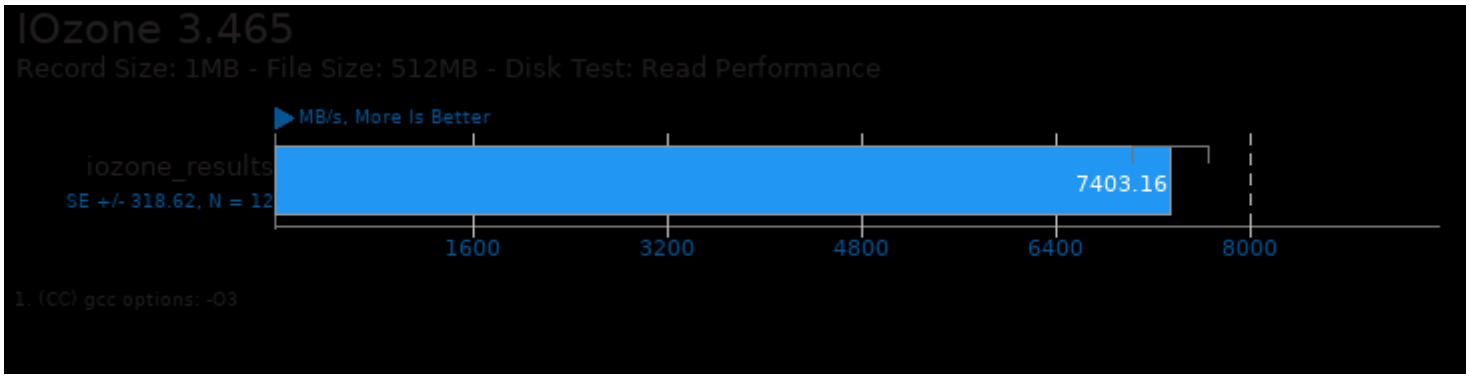
--enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --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: intel_pstate powersave - CPU Microcode: 0xde - Thermald 1.9.1
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + 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: Mitigation of TSX disabled + tsx_async_abort: Not affected

	iozone_results
IOzone - 64Kb - 512MB - Write Performance (MB/s)	1114
Standard Deviation	2.4%
IOzone - 64Kb - 512MB - Read Performance (MB/s)	7502
Standard Deviation	12.3%
IOzone - 4Kb - 512MB - Write Performance (MB/s)	1017
Standard Deviation	6.8%
IOzone - 1MB - 512MB - Write Performance (MB/s)	1077
Standard Deviation	9.6%
IOzone - 4Kb - 512MB - Read Performance (MB/s)	5658
Standard Deviation	18.8%
IOzone - 1MB - 512MB - Read Performance (MB/s)	7403
Standard Deviation	14.9%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 13:15.