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Intel Core i7-4790K testing with a Gigabyte Z97X-SOC Force (F8 BIOS) and Gigabyte NVIDIA GeForce GTX 1050 Ti 4GB on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

2xMd.R0

Processor: Intel Core i7-4790K @ 4.40GHz (4 Cores / 8 Threads), Motherboard: Gigabyte Z97X-SOC Force (F8 BIOS), Chipset: Intel 4th Gen Core DRAM, Memory: 31744MB, Disk: 4 x 8002GB Western Digital WD80EFAX-68L + 2 x 500GB CT500MX500SSD1, Graphics: Gigabyte NVIDIA GeForce GTX 1050 Ti 4GB (1290/3504MHz), Audio: Intel Xeon E3-1200 v3/4th, Monitor: DELL P2314H, Network: Qualcomm Atheros Killer E220x Gigabit

OS: Ubuntu 18.04, Kernel: 4.15.0-43-generic (x86_64), Desktop: Xfce 4.12, Display Server: X Server 1.19.6, Display Driver: NVIDIA 415.27, Compiler: GCC 7.3.0, File-System: ext4, Screen Resolution: 1920x1080

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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix

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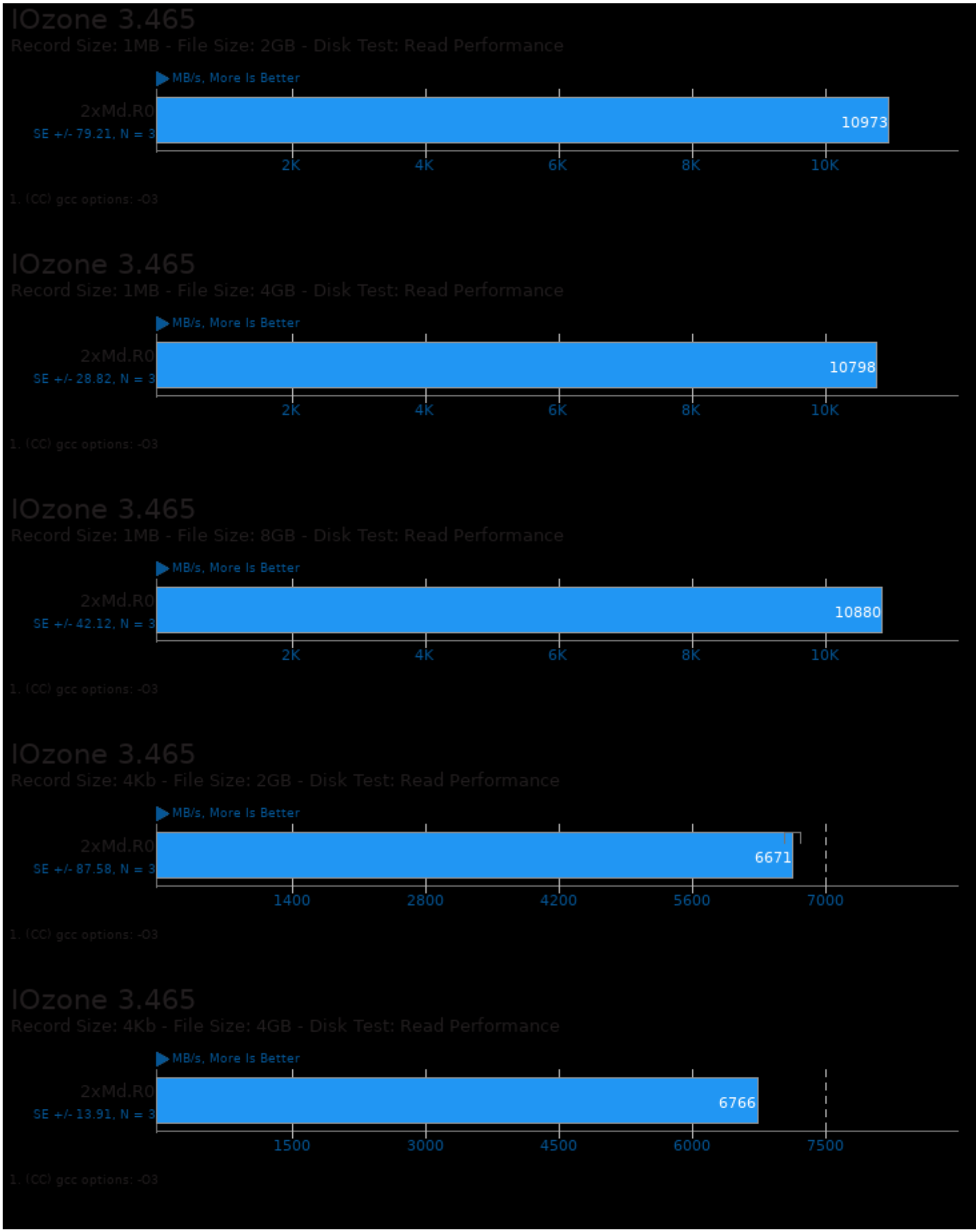
--host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Disk Notes: CFQ / data=ordered,relatime,rw,stripe=256 / raid0 sdf3[0] sde1[1]
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW + SSB disabled via prctl and seccomp + PTE Inversion; VMX: conditional cache flushes SMT vulnerable

	2xMd.R0
IOzone - 1MB - 2GB - Read Performance (MB/s)	10973
Standard Deviation	1.3%
IOzone - 1MB - 4GB - Read Performance (MB/s)	10798
Standard Deviation	0.5%
IOzone - 1MB - 8GB - Read Performance (MB/s)	10880
Standard Deviation	0.7%
IOzone - 4Kb - 2GB - Read Performance (MB/s)	6671
Standard Deviation	2.3%
IOzone - 4Kb - 4GB - Read Performance (MB/s)	6766
Standard Deviation	0.4%
IOzone - 4Kb - 8GB - Read Performance (MB/s)	6701
Standard Deviation	1.2%
IOzone - 1MB - 2GB - Write Performance (MB/s)	741.36
Standard Deviation	0.2%
IOzone - 1MB - 4GB - Write Performance (MB/s)	797.09
Standard Deviation	0.8%
IOzone - 1MB - 8GB - Write Performance (MB/s)	843
Standard Deviation	4.5%
IOzone - 4Kb - 2GB - Write Performance (MB/s)	715.96
Standard Deviation	0.3%
IOzone - 4Kb - 4GB - Write Performance (MB/s)	767
Standard Deviation	1.3%
IOzone - 4Kb - 8GB - Write Performance (MB/s)	816
Standard Deviation	5.1%
IOzone - 64Kb - 2GB - Read Performance (MB/s)	10993
Standard Deviation	0.6%
IOzone - 64Kb - 4GB - Read Performance (MB/s)	11061
Standard Deviation	1.1%
IOzone - 64Kb - 8GB - Read Performance (MB/s)	10941
Standard Deviation	1.4%
IOzone - 1MB - 512MB - Read Performance (MB/s)	8999
Standard Deviation	3.4%
IOzone - 4Kb - 512MB - Read Performance (MB/s)	6175
Standard Deviation	3.3%
IOzone - 64Kb - 2GB - Write Performance (MB/s)	742.46
Standard Deviation	0.6%
IOzone - 64Kb - 4GB - Write Performance (MB/s)	800.08
Standard Deviation	1%
IOzone - 64Kb - 8GB - Write Performance (MB/s)	875
Standard Deviation	1.8%
IOzone - 1MB - 512MB - Write Performance (MB/s)	725.35
Standard Deviation	0.4%
IOzone - 4Kb - 512MB - Write Performance (MB/s)	689.68

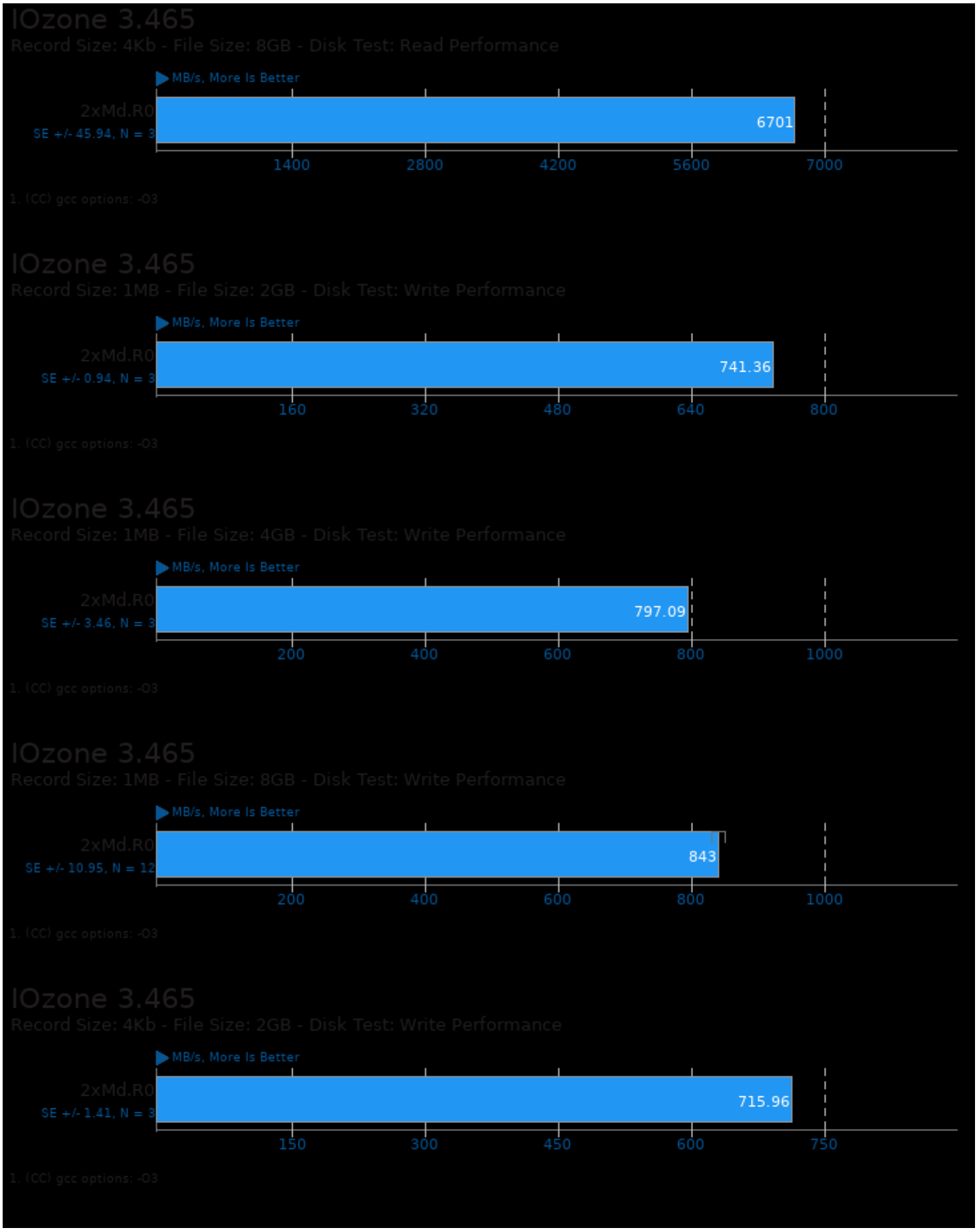
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Standard Deviation	1.3%
IOzone - 64Kb - 512MB - Read Performance (MB/s)	10153
Standard Deviation	6.7%
IOzone - 64Kb - 512MB - Write Performance (MB/s)	741
Standard Deviation	0.1%

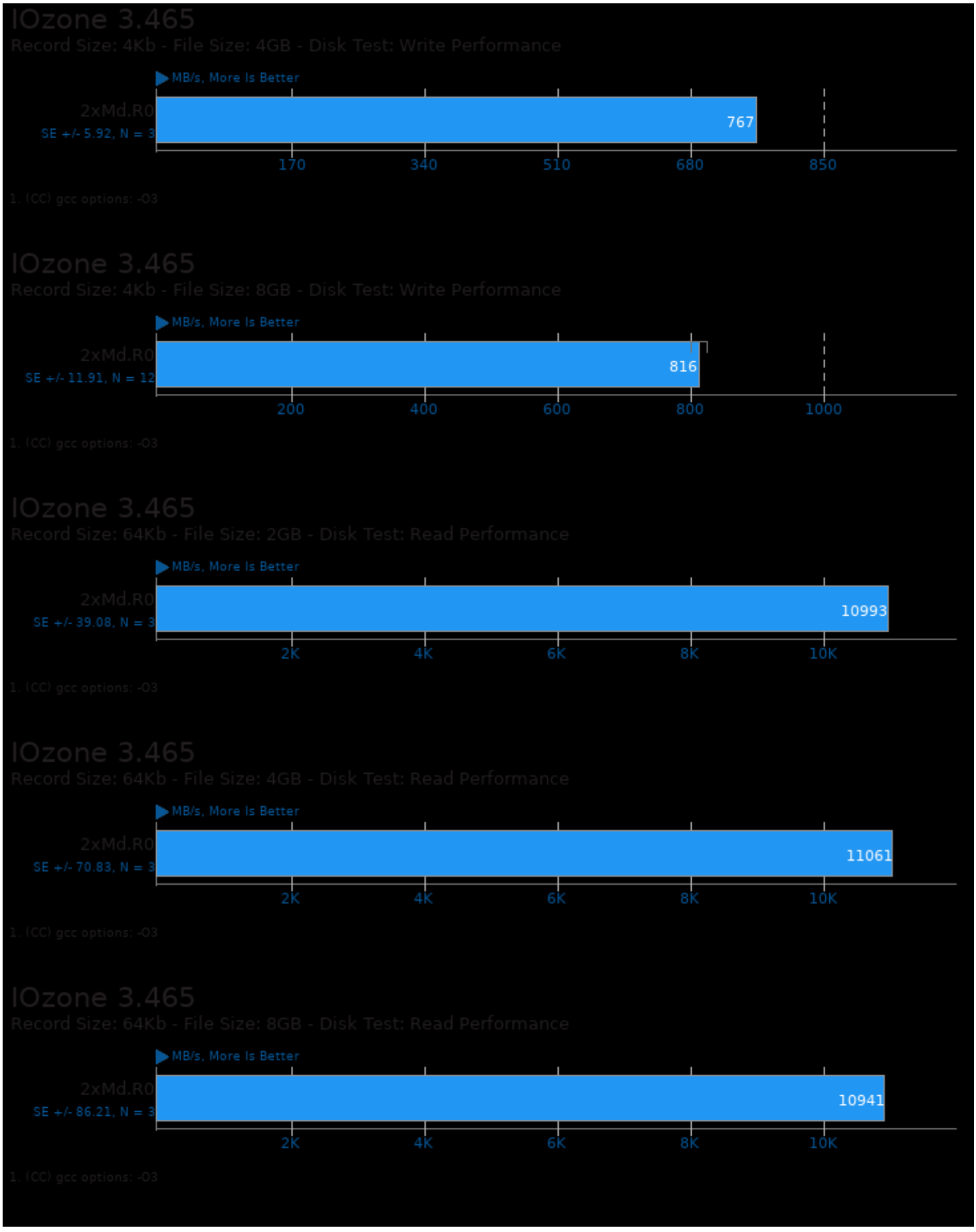
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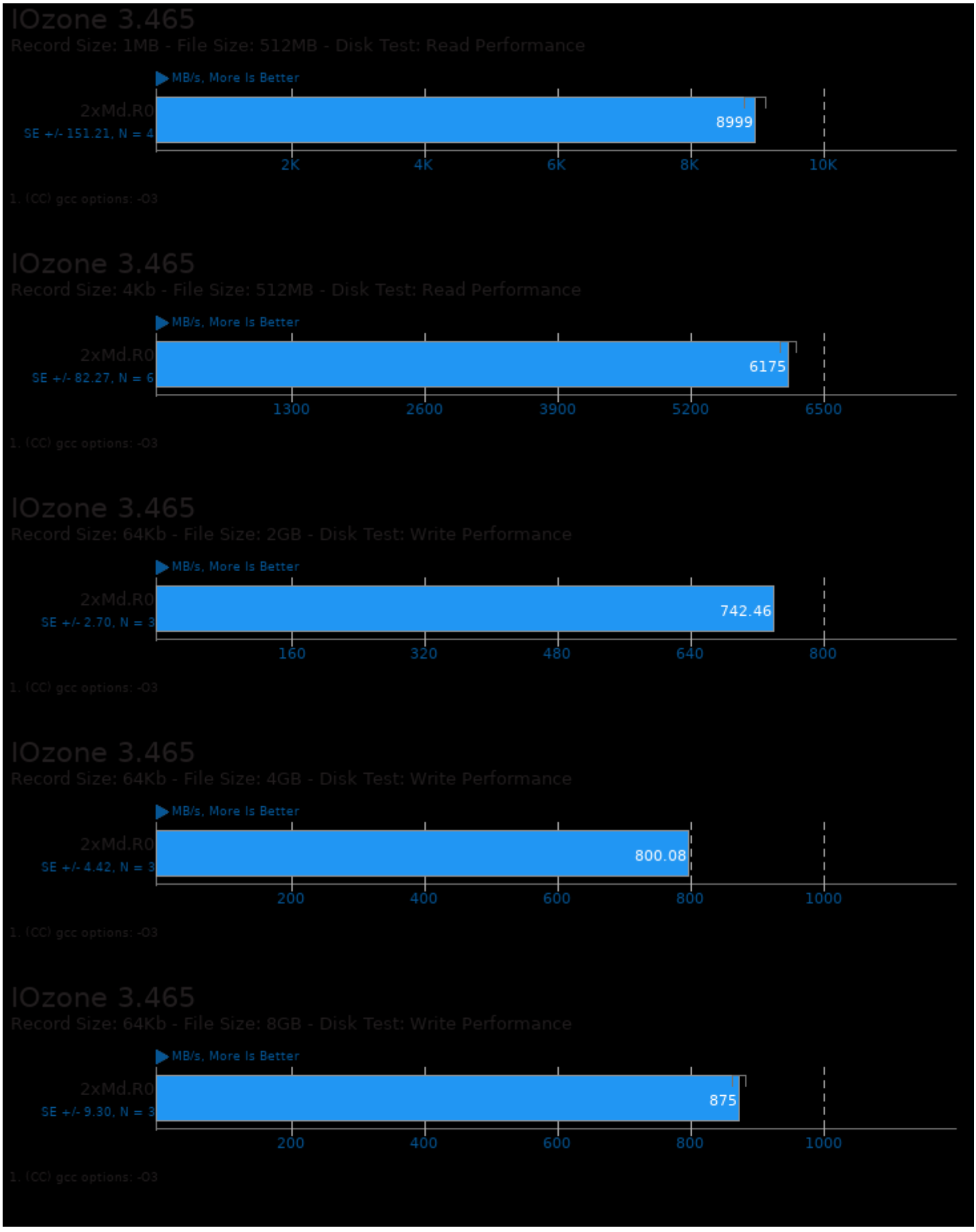


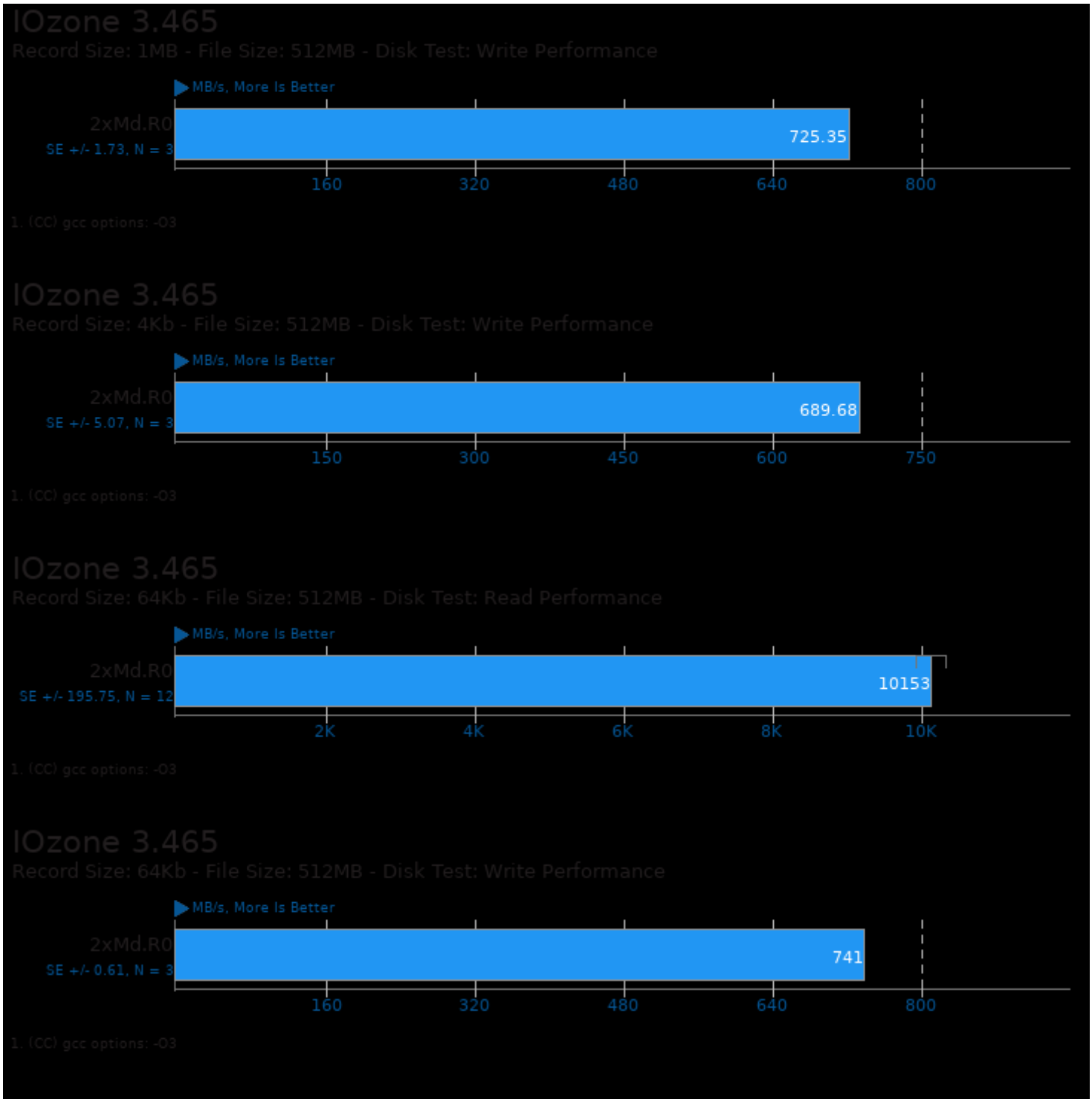
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IOzone 3.465
Record Size: 1MB - File Size: 512MB - Disk Test: Read Performance
MB/s, More Is Better
2xMd.R0
SE +/- 151.21, N = 4
8999
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 512MB - Disk Test: Read Performance
MB/s, More Is Better
2xMd.R0
SE +/- 82.27, N = 6
6175
1300
2600
3900
5200
6500
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 2GB - Disk Test: Write Performance
MB/s, More Is Better
2xMd.R0
SE +/- 2.70, N = 3
742.46
160
320
480
640
800
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 4GB - Disk Test: Write Performance
MB/s, More Is Better
2xMd.R0
SE +/- 4.42, N = 3
800.08
200
400
600
800
1000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 8GB - Disk Test: Write Performance
MB/s, More Is Better
2xMd.R0
SE +/- 9.30, N = 3
875
200
400
600
800
1000
1. (CC) gcc options: -O3



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 09:12.