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ecs-linux-low-disk

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Test Systems:

disk

disco

Processor: Intel Xeon Gold 6161 (2 Cores / 4 Threads), Motherboard: OpenStack Foundation Nova (rel-1.10.2-0-g5f4c7b1-20181220_000000-szxrtosci10000 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 16 GB RAM QEMU, Disk: 1008GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: CentOS 8.4.2105, Kernel: 4.18.0-240.10.1.el8_3.x86_64 (x86_64), Compiler: GCC 8.4.1 20200928, File-System: ext4, Screen Resolution: 1024x768, System Layer: KVM

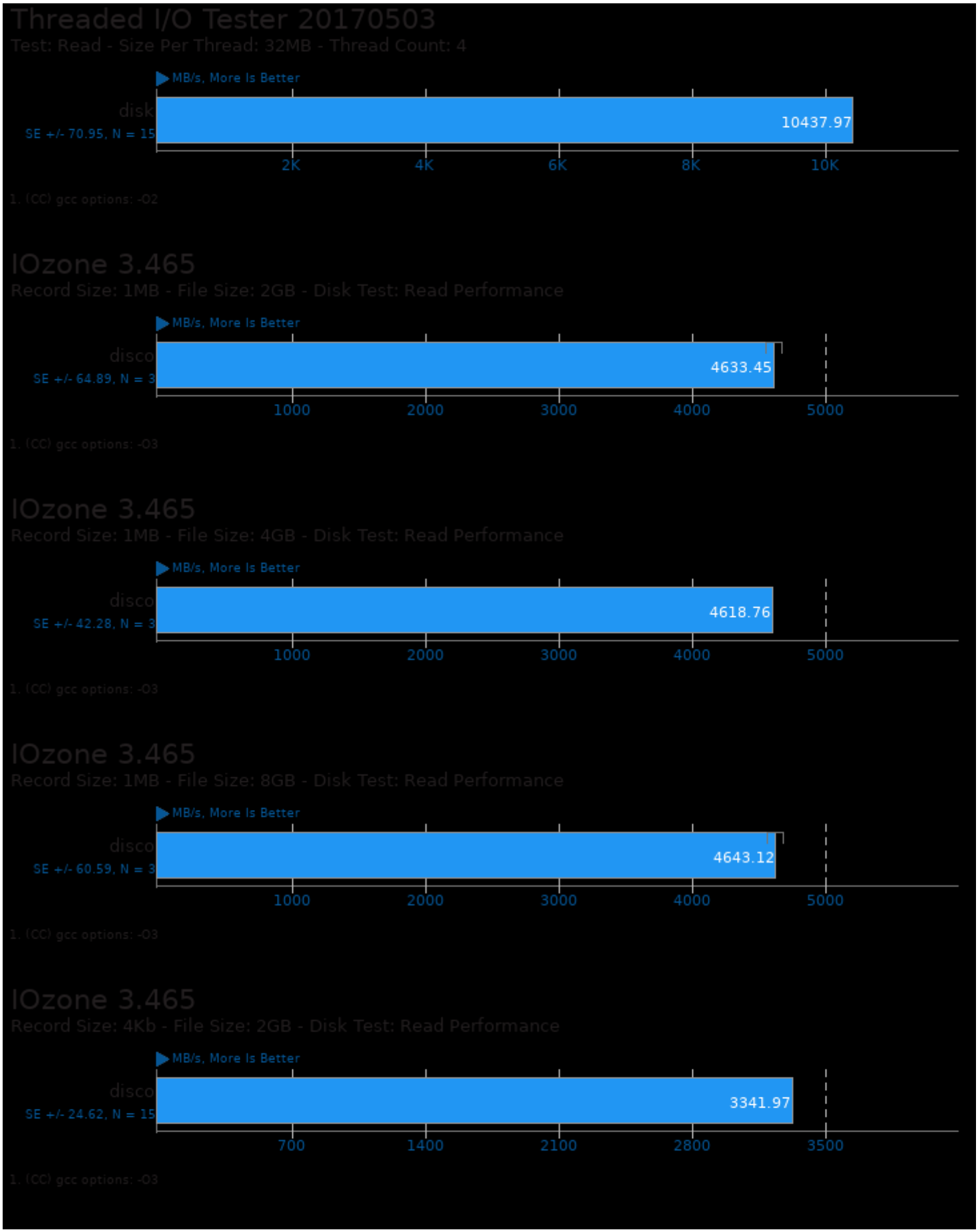
Kernel Notes: Transparent Huge Pages: always
Disk Notes: MQ-DEADLINE / relatime,rw / Block Size: 4096
Processor Notes: CPU Microcode: 0x1

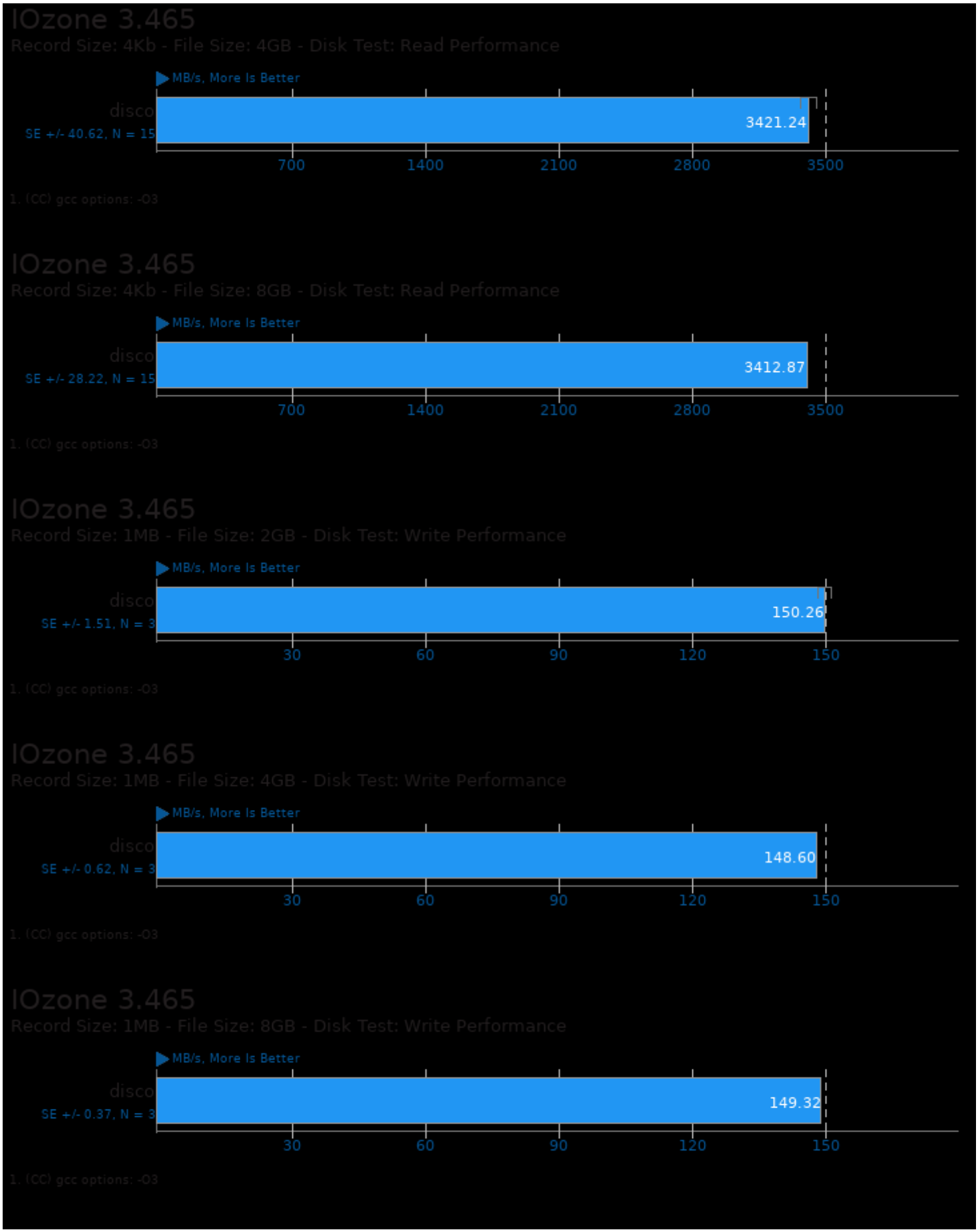
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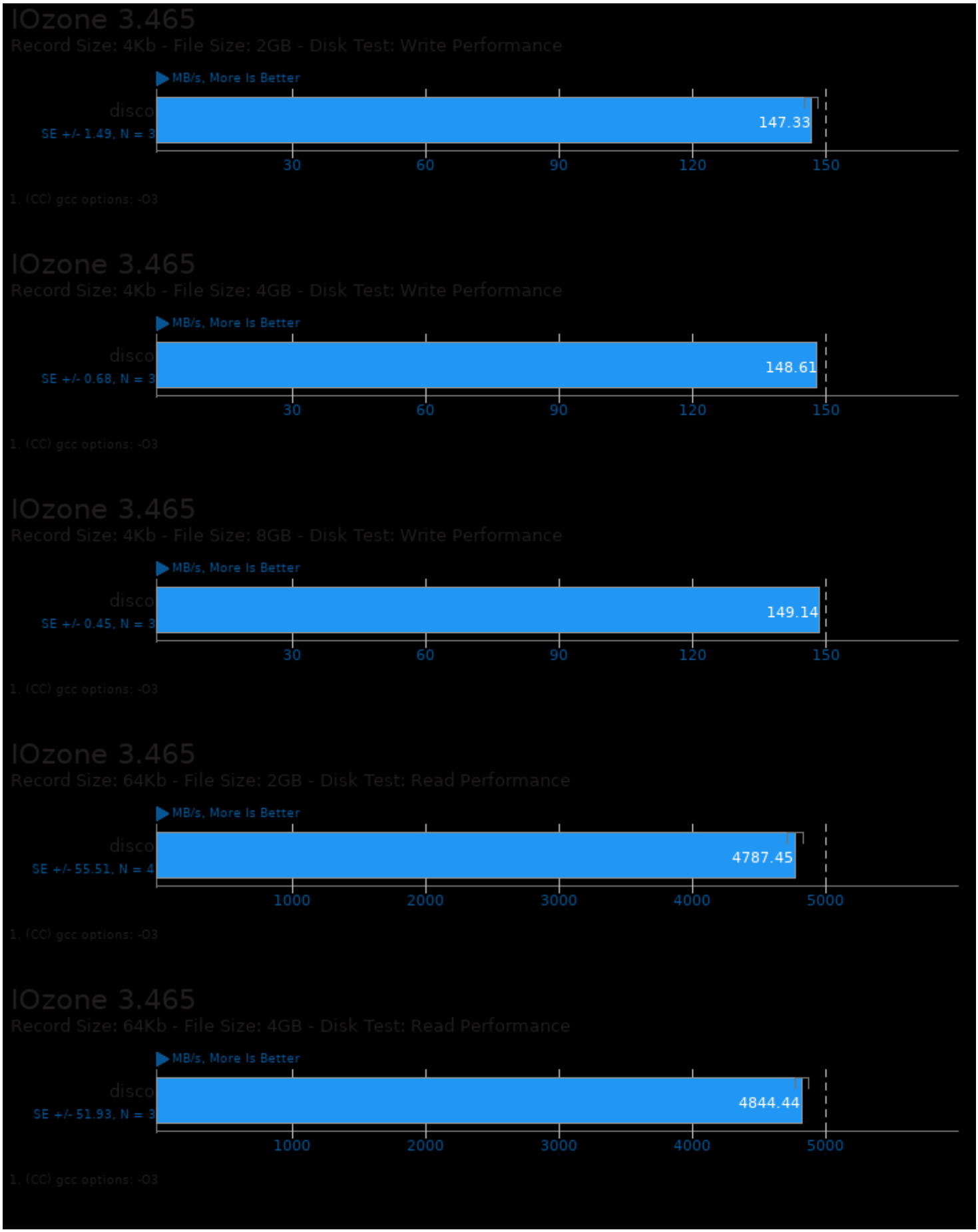
Security Notes: itlb_multihit: KVM: Vulnerable + l1tf: Mitigation of PTE Inversion + mds: Mitigation of Clear buffers; SMT Host state unknown + meltdown: Vulnerable + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Vulnerable IBPB: disabled STIBP: disabled + srbds: Not affected + tsx_async_abort: Mitigation of Clear buffers; SMT Host state unknown

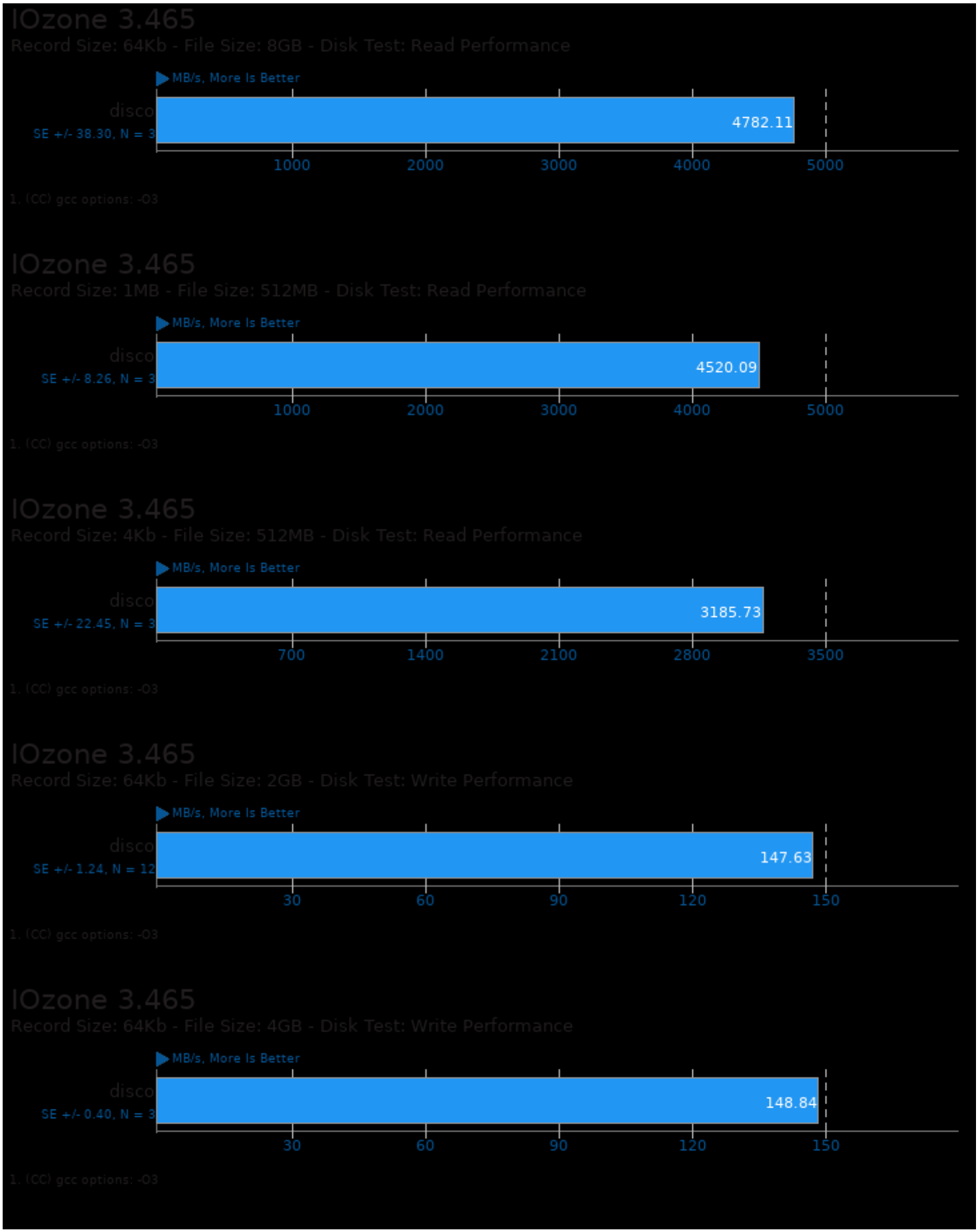
	disk	disco
Threaded I/O Tester - Read - 32MB - 4 (MB/s)	10438	
Standard Deviation	2.6%	
IOzone - 1MB - 2GB - Read Performance (MB/s)		4633
Standard Deviation		2.4%
IOzone - 1MB - 4GB - Read Performance (MB/s)		4619
Standard Deviation		1.6%
IOzone - 1MB - 8GB - Read Performance (MB/s)		4643
Standard Deviation		2.3%
IOzone - 4Kb - 2GB - Read Performance (MB/s)		3342
Standard Deviation		2.9%
IOzone - 4Kb - 4GB - Read Performance (MB/s)		3421
Standard Deviation		4.6%
IOzone - 4Kb - 8GB - Read Performance (MB/s)		3413
Standard Deviation		3.2%
IOzone - 1MB - 2GB - Write Performance (MB/s)		150.26
Standard Deviation		1.7%
IOzone - 1MB - 4GB - Write Performance (MB/s)		148.60
Standard Deviation		0.7%
IOzone - 1MB - 8GB - Write Performance (MB/s)		149.32
Standard Deviation		0.4%
IOzone - 4Kb - 2GB - Write Performance (MB/s)		147.33
Standard Deviation		1.7%
IOzone - 4Kb - 4GB - Write Performance (MB/s)		148.61
Standard Deviation		0.8%
IOzone - 4Kb - 8GB - Write Performance (MB/s)		149.14
Standard Deviation		0.5%
IOzone - 64Kb - 2GB - Read Performance (MB/s)		4787
Standard Deviation		2.3%
IOzone - 64Kb - 4GB - Read Performance (MB/s)		4844
Standard Deviation		1.9%
IOzone - 64Kb - 8GB - Read Performance (MB/s)		4782
Standard Deviation		1.4%
IOzone - 1MB - 512MB - Read Performance (MB/s)		4520
Standard Deviation		0.3%
IOzone - 4Kb - 512MB - Read Performance (MB/s)		3186
Standard Deviation		1.2%
IOzone - 64Kb - 2GB - Write Performance (MB/s)		147.63
Standard Deviation		2.9%
IOzone - 64Kb - 4GB - Write Performance (MB/s)		148.84
Standard Deviation		0.5%
IOzone - 64Kb - 8GB - Write Performance (MB/s)		149.22
Standard Deviation		0.5%
IOzone - 1MB - 512MB - Write Performance (MB/s)		179.02
Standard Deviation		3.5%
IOzone - 4Kb - 512MB - Write Performance (MB/s)		178.56

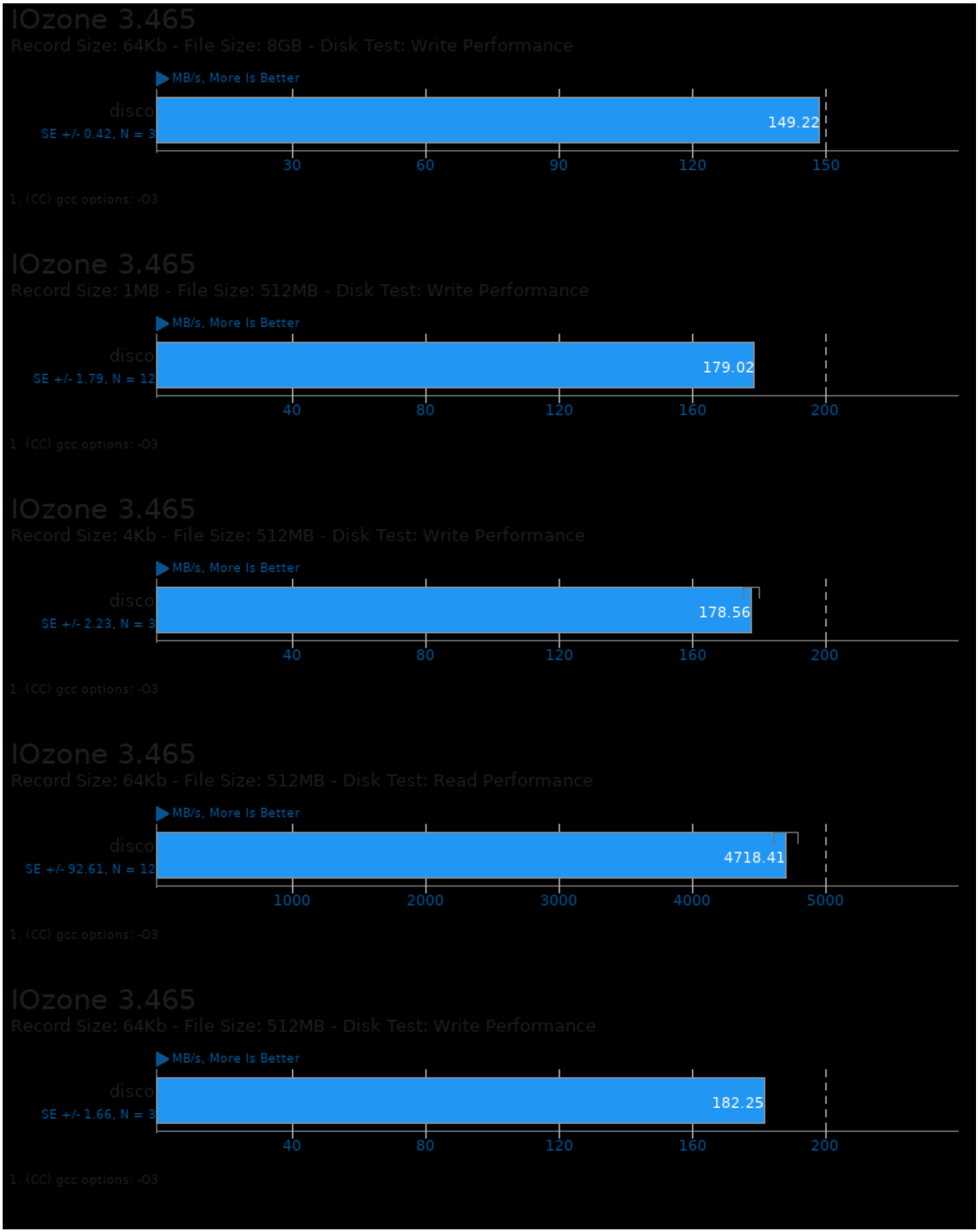
Standard Deviation	2.2%
IOzone - 64Kb - 512MB - Read Performance (MB/s)	4718
Standard Deviation	6.8%
IOzone - 64Kb - 512MB - Write Performance (MB/s)	182.25
Standard Deviation	1.6%


Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 32MB - Thread Count: 4
MB/s, More Is Better
disk
SE +/- 70.95, N = 15
10437.97
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
IOzone 3.465
Record Size: 1MB - File Size: 2GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 64.89, N = 3
4633.45
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 4GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 42.28, N = 3
4618.76
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 8GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 60.59, N = 3
4643.12
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 2GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 24.62, N = 15
3341.97
700
1400
2100
2800
3500
1. (CC) gcc options: -O3


IOzone 3.465
Record Size: 4Kb - File Size: 4GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 40.62, N = 15
3421.24
700
1400
2100
2800
3500
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 8GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 28.22, N = 15
3412.87
700
1400
2100
2800
3500
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 2GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 1.51, N = 3
150.26
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 4GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 0.62, N = 3
148.60
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 8GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 0.37, N = 3
149.32
30
60
90
120
150
1. (CC) gcc options: -O3


IOzone 3.465
Record Size: 4Kb - File Size: 2GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 1.49, N = 3
147.33
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 4GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 0.68, N = 3
148.61
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 8GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 0.45, N = 3
149.14
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 2GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 55.51, N = 4
4787.45
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 4GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 51.93, N = 3
4844.44
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3


IOzone 3.465
Record Size: 64Kb - File Size: 8GB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 38.30, N = 3
4782.11
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 512MB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 8.26, N = 3
4520.09
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 512MB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 22.45, N = 3
3185.73
700
1400
2100
2800
3500
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 2GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 1.24, N = 12
147.63
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 4GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 0.40, N = 3
148.84
30
60
90
120
150
1. (CC) gcc options: -O3


IOzone 3.465
Record Size: 64Kb - File Size: 8GB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 0.42, N = 3
149.22
30
60
90
120
150
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 1MB - File Size: 512MB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 1.79, N = 12
179.02
40
80
120
160
200
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 4Kb - File Size: 512MB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 2.23, N = 3
178.56
40
80
120
160
200
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 512MB - Disk Test: Read Performance
MB/s, More Is Better
disco
SE +/- 92.61, N = 12
4718.41
1000
2000
3000
4000
5000
1. (CC) gcc options: -O3
IOzone 3.465
Record Size: 64Kb - File Size: 512MB - Disk Test: Write Performance
MB/s, More Is Better
disco
SE +/- 1.66, N = 3
182.25
40
80
120
160
200
1. (CC) gcc options: -O3

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 15:34.