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fio_2020-05-30

Intel Pentium G4500 testing with a ASUS H170 PRO GAMING (1810 BIOS) and ASUS NVIDIA GeForce GTX 750 Ti 2GB on Arch rolling via the Phoronix Test Suite.

Test Systems:

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Processor: Intel Pentium G4500 @ 3.50GHz (2 Cores), Motherboard: ASUS H170 PRO GAMING (1810 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 8GB, Disk: 1000GB Western Digital WD1002FBYS-0 + 2000GB Western Digital WD20EURS-63S + 3001GB Backup+ Desk Mac, Graphics: ASUS NVIDIA GeForce GTX 750 Ti 2GB (135/405MHz), Audio: Realtek ALC1150, Network: Intel I219-V + Qualcomm Atheros AR93xx

OS: Arch rolling, Kernel: 5.6.15-arch1-1 (x86_64), Desktop: Openbox 3.6.1, Display Server: X Server 1.20.8, Display Driver: NVIDIA 440.82, Compiler: GCC 10.1.0 + Clang 10.0.0, File-System: ext4, Screen Resolution: 640x480

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man

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--with-isl --with-linker-hash-style=gnu
Disk Notes: MQ-DEADLINE / noatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x84
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT disabled + mds: Vulnerable: Clear buffers attempted no microcode; SMT disabled + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + tsx_async_abort: Not affected

	fio_2020-05-30
Flexible IO Tester - Rand Read - Sync - No - No - 1MB - /mnt/X	48.7
Standard Deviation	1.6%
Flexible IO Tester - Rand Read - Sync - No - No - 1MB - /mnt/X	48
Standard Deviation	2.4%
Flexible IO Tester - Rand Read - Sync - No - No - 1MB - /mnt/Y	57.0
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Sync - No - No - 1MB - /mnt/Y	57
Standard Deviation	1%
Flexible IO Tester - Rand Read - Sync - No - No - 2MB - /mnt/X	54.1
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - No - 2MB - /mnt/X	27
Standard Deviation	2.2%
Flexible IO Tester - Rand Read - Sync - No - No - 2MB - /mnt/Y	55.3
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - No - 2MB - /mnt/Y	27
Flexible IO Tester - Rand Read - Sync - No - No - 4KB - /mnt/X	**0.311**
Normalized	99.36%
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - No - 4KB - /mnt/X	**77**
Normalized	98.72%
Flexible IO Tester - Rand Read - Sync - No - No - 4KB - /mnt/Y	0.527
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - No - 4KB - /mnt/Y	131
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /mnt/X	76.7
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /mnt/X	19
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /mnt/Y	75.1
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /mnt/Y	18
Flexible IO Tester - Rand Read - Sync - No - No - 8KB - /mnt/X	0.623
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - No - 8KB - /mnt/X	77
Flexible IO Tester - Rand Read - Sync - No - No - 8KB - /mnt/Y	1.048
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - No - 8KB - /mnt/Y	130
Flexible IO Tester - Rand Read - Sync - No - No - 8MB - /mnt/X	94.8
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - No - 8MB - /mnt/X	11
Flexible IO Tester - Rand Read - Sync - No - No - 8MB - /mnt/Y	87.4
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - No - 8MB - /mnt/Y	10
Flexible IO Tester - Rand Read - Sync - No - No - 16KB - /mnt/X	1.239
(MB/s)	

Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - No - 16KB - /mnt/X	77
Flexible IO Tester - Rand Read - Sync - No - No - 16KB - /mnt/Y	2.074
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - No - 16KB - /mnt/Y	129
Flexible IO Tester - Rand Read - Sync - No - No - 1MB - /mnt/ZZ	46.7
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - No - 1MB - /mnt/ZZ	46
Flexible IO Tester - Rand Read - Sync - No - No - 2MB - /mnt/ZZ	56.7
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - No - 2MB - /mnt/ZZ	28
Flexible IO Tester - Rand Read - Sync - No - No - 32KB - /mnt/X	2.447
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - No - 32KB - /mnt/X	76
Flexible IO Tester - Rand Read - Sync - No - No - 32KB - /mnt/Y	4.061
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - No - No - 32KB - /mnt/Y	127
Flexible IO Tester - Rand Read - Sync - No - No - 4KB - /mnt/ZZ	0.488
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - No - No - 4KB - /mnt/ZZ	122
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /mnt/ZZ	59.8
Standard Deviation	0.6%
Flexible IO Tester - Rand Read - Sync - No - No - 4MB - /mnt/ZZ	14
Flexible IO Tester - Rand Read - Sync - No - No - 64KB - /mnt/X	4.796
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - No - No - 64KB - /mnt/X	74
Flexible IO Tester - Rand Read - Sync - No - No - 64KB - /mnt/Y	7.845
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - No - No - 64KB - /mnt/Y	122
Flexible IO Tester - Rand Read - Sync - No - No - 8KB - /mnt/ZZ	0.960
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - No - No - 8KB - /mnt/ZZ	119
Flexible IO Tester - Rand Read - Sync - No - No - 8MB - /mnt/ZZ	65.1
Standard Deviation	1.8%
Flexible IO Tester - Rand Read - Sync - No - No - 8MB - /mnt/ZZ	8
Flexible IO Tester - Rand Read - Sync - No - Yes - 1MB - /mnt/X	48.4
Standard Deviation	1.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 1MB - /mnt/X	49
Flexible IO Tester - Rand Read - Sync - No - Yes - 1MB - /mnt/Y	57.9
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 1MB - /mnt/Y	57
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB - /mnt/X	51.2
Standard Deviation	18.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB - /mnt/X	25
Standard Deviation	19.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB - /mnt/Y	54.7
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB - /mnt/Y	27
Flexible IO Tester - Rand Read - Sync - No - Yes - 4KB - /mnt/X	**0.311**
Normalized	99.36%
Standard Deviation	0.2%

Flexible IO Tester - Rand Read - Sync - No - Yes - 4KB - /mnt/X	**77**
Normalized	98.72%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4KB - /mnt/Y	0.525
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4KB - /mnt/Y	130
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4MB - /mnt/X	75.2
Standard Deviation	7.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4MB - /mnt/X	19
Standard Deviation	7.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4MB - /mnt/Y	73.4
Standard Deviation	7.6%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4MB - /mnt/Y	18
Flexible IO Tester - Rand Read - Sync - No - Yes - 8KB - /mnt/X	0.623
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 8KB - /mnt/X	77
Flexible IO Tester - Rand Read - Sync - No - Yes - 8KB - /mnt/Y	1.051
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 8KB - /mnt/Y	131
Flexible IO Tester - Rand Read - Sync - No - Yes - 8MB - /mnt/X	94.8
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 8MB - /mnt/X	11
Flexible IO Tester - Rand Read - Sync - No - Yes - 8MB - /mnt/Y	88.2
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 8MB - /mnt/Y	11
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB - /mnt/X	46.5
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB - /mnt/X	46
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB - /mnt/Y	54.5
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB - /mnt/Y	54
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB - /mnt/X	41.1
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB - /mnt/X	20
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB - /mnt/Y	47.7
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB - /mnt/Y	23
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB - /mnt/X	**0.310**
Normalized	99.36%
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB - /mnt/X	77
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB - /mnt/Y	0.527
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB - /mnt/Y	131
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB - /mnt/X	61.3
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB - /mnt/X	15
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB - /mnt/Y	63.7
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB - /mnt/Y	15
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB - /mnt/X	0.621
Standard Deviation	0.2%

Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB - /mnt/X	77
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB - /mnt/Y	1.046
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB - /mnt/Y	130
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB - /mnt/X	82.2
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB - /mnt/X	10
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB - /mnt/Y	80.3
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB - /mnt/Y	10
Flexible IO Tester - Rand Write - Sync - No - No - 1MB - /mnt/X	33.7
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - No - 1MB - /mnt/X	33
Flexible IO Tester - Rand Write - Sync - No - No - 1MB - /mnt/Y	32.9
Standard Deviation	0.5%
Flexible IO Tester - Rand Write - Sync - No - No - 1MB - /mnt/Y	32
Flexible IO Tester - Rand Write - Sync - No - No - 2MB - /mnt/X	45.7
Standard Deviation	0.1%
Flexible IO Tester - Rand Write - Sync - No - No - 2MB - /mnt/X	22
Flexible IO Tester - Rand Write - Sync - No - No - 2MB - /mnt/Y	44.5
Standard Deviation	1.1%
Flexible IO Tester - Rand Write - Sync - No - No - 2MB - /mnt/Y	22
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - /mnt/X	**0.258**
Normalized	100%
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - /mnt/X	64
Standard Deviation	0.9%
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - /mnt/Y	0.278
Standard Deviation	0%
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - /mnt/Y	69
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /mnt/X	54.5
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /mnt/X	13
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /mnt/Y	56.1
Standard Deviation	0.1%
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /mnt/Y	14
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - /mnt/X	0.508
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - /mnt/X	63
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - /mnt/Y	0.547
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - /mnt/Y	68
Standard Deviation	0.9%
Flexible IO Tester - Rand Write - Sync - No - No - 8MB - /mnt/X	75.6
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - No - 8MB - /mnt/X	9
Flexible IO Tester - Rand Write - Sync - No - No - 8MB - /mnt/Y	73.7
Standard Deviation	0.1%
Flexible IO Tester - Rand Write - Sync - No - No - 8MB - /mnt/Y	9
(IOPS)	

Flexible IO Tester - Rand Read - Sync - No - No - 128KB - /mnt/X (MB/s)	9.320
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - No - No - 128KB - /mnt/X (IOPS)	72
Flexible IO Tester - Rand Read - Sync - No - No - 128KB - /mnt/Y (MB/s)	14.2
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - No - 128KB - /mnt/Y (IOPS)	113
Flexible IO Tester - Rand Read - Sync - No - No - 16KB - /mnt/ZZ (MB/s)	1.881
Standard Deviation	1.6%
Flexible IO Tester - Rand Read - Sync - No - No - 16KB - /mnt/ZZ (IOPS)	117
Standard Deviation	1.7%
Flexible IO Tester - Rand Read - Sync - No - No - 256KB - /mnt/X (MB/s)	16.9
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - No - No - 256KB - /mnt/X (IOPS)	67
Flexible IO Tester - Rand Read - Sync - No - No - 256KB - /mnt/Y (MB/s)	25.6
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - No - 256KB - /mnt/Y (IOPS)	102
Flexible IO Tester - Rand Read - Sync - No - No - 32KB - /mnt/ZZ (MB/s)	3.675
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Sync - No - No - 32KB - /mnt/ZZ (IOPS)	114
Standard Deviation	1.3%
Flexible IO Tester - Rand Read - Sync - No - No - 512KB - /mnt/X (MB/s)	29.6
Standard Deviation	1.8%
Flexible IO Tester - Rand Read - Sync - No - No - 512KB - /mnt/X (IOPS)	59
Flexible IO Tester - Rand Read - Sync - No - No - 512KB - /mnt/Y (MB/s)	40.5
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - No - No - 512KB - /mnt/Y (IOPS)	80
Flexible IO Tester - Rand Read - Sync - No - No - 64KB - /mnt/ZZ (MB/s)	7.017
Standard Deviation	0.9%
Flexible IO Tester - Rand Read - Sync - No - No - 64KB - /mnt/ZZ (IOPS)	109
Flexible IO Tester - Rand Read - Sync - No - Yes - 16KB - /mnt/X	1.236
Standard Deviation	0.1%

Flexible IO Tester - Rand Read - Sync - No - Yes - 16KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Read - Sync - No - Yes - 16KB - /mnt/Y	2.079
Standard Deviation	0.6%
Flexible IO Tester - Rand Read - Sync - No - Yes - 16KB - /mnt/Y (IOPS)	130
Flexible IO Tester - Rand Read - Sync - No - Yes - 1MB - /mnt/ZZ (MB/s)	46.5
Standard Deviation	1.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 1MB - /mnt/ZZ (IOPS)	46
Standard Deviation	2.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB - /mnt/ZZ (MB/s)	56.6
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 2MB - /mnt/ZZ (IOPS)	28
Flexible IO Tester - Rand Read - Sync - No - Yes - 32KB - /mnt/X	2.439
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 32KB - /mnt/X (IOPS)	76
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 32KB - /mnt/Y	4.079
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 32KB - /mnt/Y (IOPS)	127
Flexible IO Tester - Rand Read - Sync - No - Yes - 4KB - /mnt/ZZ	0.486
Standard Deviation	0.9%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4KB - /mnt/ZZ (IOPS)	121
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4MB - /mnt/ZZ (MB/s)	59.5
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 4MB - /mnt/ZZ (IOPS)	14
Flexible IO Tester - Rand Read - Sync - No - Yes - 64KB - /mnt/X	4.797
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 64KB - /mnt/X (IOPS)	74
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - No - Yes - 64KB - /mnt/Y	7.837
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 64KB - /mnt/Y (IOPS)	122
Flexible IO Tester - Rand Read - Sync - No - Yes - 8KB - /mnt/ZZ	0.955
Standard Deviation	0.9%
Flexible IO Tester - Rand Read - Sync - No - Yes - 8KB - /mnt/ZZ (IOPS)	119
Standard Deviation	0.8%

Flexible IO Tester - Rand Read - Sync - No - Yes - 8MB - /mnt/ZZ (MB/s)	65.2
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Sync - No - Yes - 8MB - /mnt/ZZ (IOPS)	8
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB - /mnt/X	1.234
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB - /mnt/Y	2.070
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB - /mnt/Y (IOPS)	129
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB - /mnt/ZZ (MB/s)	43.9
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB - /mnt/ZZ (IOPS)	43
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB - /mnt/ZZ (MB/s)	54.6
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB - /mnt/ZZ (IOPS)	27
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB - /mnt/X	2.432
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB - /mnt/X (IOPS)	76
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB - /mnt/Y	4.044
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB - /mnt/Y (IOPS)	126
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB - /mnt/ZZ	0.485
Standard Deviation	0.6%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB - /mnt/ZZ (IOPS)	121
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB - /mnt/ZZ (MB/s)	62.9
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB - /mnt/ZZ (IOPS)	15
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB - /mnt/X	4.757
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB - /mnt/X (IOPS)	74
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB - /mnt/Y	7.787
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB - /mnt/Y (IOPS)	121
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB - /mnt/ZZ (MB/s)	0.959

Standard Deviation	1.3%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB - /mnt/ZZ (IOPS)	119
Standard Deviation	1.3%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB - /mnt/ZZ (MB/s)	68.0
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB - /mnt/ZZ (IOPS)	8
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 1MB - /mnt/X	46.3
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 1MB - /mnt/X (IOPS)	46
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 1MB - /mnt/Y	54.7
Standard Deviation	1%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 1MB - /mnt/Y (IOPS)	54
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB - /mnt/X	41.1
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB - /mnt/X (IOPS)	20
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB - /mnt/Y	47.6
Standard Deviation	0.3%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB - /mnt/Y (IOPS)	23
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4KB - /mnt/X	**0.310**
Normalized	99.36%
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4KB - /mnt/X	**77**
Normalized	98.72%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4KB - /mnt/Y	0.524
Standard Deviation	0.3%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4KB - /mnt/Y	130
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4MB - /mnt/X	61.2
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4MB - /mnt/X (IOPS)	15
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4MB - /mnt/Y	63.8
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4MB - /mnt/Y (IOPS)	15
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8KB - /mnt/X	0.620
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8KB - /mnt/X	77
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8KB - /mnt/Y	1.043
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8KB - /mnt/Y	130
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8MB - /mnt/X	82.2
Standard Deviation	0.3%

Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8MB - /mnt/X (IOPS)	10
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8MB - /mnt/Y	80.3
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8MB - /mnt/Y (IOPS)	10
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - /mnt/X	1.010
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - /mnt/X	63
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - /mnt/Y	1.085
Standard Deviation	0.1%
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - /mnt/Y	67
Flexible IO Tester - Rand Write - Sync - No - No - 1MB - /mnt/ZZ	55.9
Standard Deviation	2%
Flexible IO Tester - Rand Write - Sync - No - No - 1MB - /mnt/ZZ	55
Standard Deviation	1.3%
Flexible IO Tester - Rand Write - Sync - No - No - 2MB - /mnt/ZZ	54.7
Standard Deviation	1.1%
Flexible IO Tester - Rand Write - Sync - No - No - 2MB - /mnt/ZZ	27
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - /mnt/X	1.988
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - /mnt/X	62
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - /mnt/Y	2.132
Standard Deviation	0.5%
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - /mnt/Y	66
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - /mnt/ZZ	1.124
Standard Deviation	2%
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - /mnt/ZZ	281
Standard Deviation	2%
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /mnt/ZZ	62.3
Standard Deviation	0.9%
Flexible IO Tester - Rand Write - Sync - No - No - 4MB - /mnt/ZZ	15
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - /mnt/X	3.845
Standard Deviation	0.7%
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - /mnt/X	59
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - /mnt/Y	4.101
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - /mnt/Y	64
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - /mnt/ZZ	2.164
Standard Deviation	1.6%
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - /mnt/ZZ	270
Standard Deviation	1.5%
Flexible IO Tester - Rand Write - Sync - No - No - 8MB - /mnt/ZZ	67.5
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - Sync - No - No - 8MB - /mnt/ZZ	8
Flexible IO Tester - Rand Write - Sync - No - Yes - 1MB - /mnt/X	33.4
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 1MB - /mnt/X	33
Flexible IO Tester - Rand Write - Sync - No - Yes - 1MB - /mnt/Y	32.7
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 1MB - /mnt/Y (IOPS)	32

Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB - /mnt/X	45.0
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB - /mnt/X	22
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB - /mnt/Y	44.7
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB - /mnt/Y	22
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - /mnt/X	0.259
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - /mnt/X	64
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - /mnt/Y	0.278
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - /mnt/Y	69
Flexible IO Tester - Rand Write - Sync - No - Yes - 4MB - /mnt/X	55.0
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4MB - /mnt/X	13
Flexible IO Tester - Rand Write - Sync - No - Yes - 4MB - /mnt/Y	56.2
Standard Deviation	0.1%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4MB - /mnt/Y	14
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - /mnt/X	0.512
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - /mnt/X	63
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - /mnt/Y	0.548
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - /mnt/Y	68
Flexible IO Tester - Rand Write - Sync - No - Yes - 8MB - /mnt/X	75.7
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8MB - /mnt/X	9
Flexible IO Tester - Rand Write - Sync - No - Yes - 8MB - /mnt/Y	73.6
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8MB - /mnt/Y	9
Flexible IO Tester - Rand Write - Sync - Yes - No - 1MB - /mnt/X	89.8
Standard Deviation	4.8%
Flexible IO Tester - Rand Write - Sync - Yes - No - 1MB - /mnt/X	89
Standard Deviation	4.9%
Flexible IO Tester - Rand Write - Sync - Yes - No - 1MB - /mnt/Y	86.4
Standard Deviation	2.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 1MB - /mnt/Y	86
Standard Deviation	2.3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB - /mnt/X	90.8
Standard Deviation	3.8%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB - /mnt/X	45
Standard Deviation	4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB - /mnt/Y	89.6
Standard Deviation	3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB - /mnt/Y	44
Standard Deviation	2.9%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB - /mnt/X	**42.6**
Normalized	73.2%
Standard Deviation	8.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB - /mnt/X	**10865**
Normalized	72.89%
Standard Deviation	8.9%

Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB - /mnt/Y	56.9
Standard Deviation	3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB - /mnt/Y	14300
Standard Deviation	6.2%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4MB - /mnt/X	92.5
Standard Deviation	2.8%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4MB - /mnt/X	23
Standard Deviation	2.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4MB - /mnt/Y	92.6
Standard Deviation	0.9%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4MB - /mnt/Y	23
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB - /mnt/X	67.6
Standard Deviation	2.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB - /mnt/X	8644
Standard Deviation	2.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB - /mnt/Y	65.2
Standard Deviation	2.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB - /mnt/Y	8354
Standard Deviation	2.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8MB - /mnt/X	92.9
Standard Deviation	2.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8MB - /mnt/X	11
Flexible IO Tester - Rand Write - Sync - Yes - No - 8MB - /mnt/Y	92.1
Standard Deviation	1.4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8MB - /mnt/Y	11
Flexible IO Tester - Rand Read - Sync - No - No - 128KB - /mnt/ZZ (MB/s)	12.6
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Sync - No - No - 128KB - /mnt/ZZ (IOPS)	100
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Sync - No - No - 256KB - /mnt/ZZ (MB/s)	21.5
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Sync - No - No - 256KB - /mnt/ZZ (IOPS)	86
Flexible IO Tester - Rand Read - Sync - No - No - 512KB - /mnt/ZZ (MB/s)	33.4
Standard Deviation	0.3%
Flexible IO Tester - Rand Read - Sync - No - No - 512KB - /mnt/ZZ (IOPS)	67
Standard Deviation	0.9%
Flexible IO Tester - Rand Read - Sync - No - Yes - 128KB - /mnt/X (MB/s)	9.284
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 128KB - /mnt/X (IOPS)	72
Flexible IO Tester - Rand Read - Sync - No - Yes - 128KB - /mnt/Y (MB/s)	14.3
Standard Deviation	0.4%

Flexible IO Tester - Rand Read - Sync - No - Yes - 128KB - /mnt/Y (IOPS)	114
Flexible IO Tester - Rand Read - Sync - No - Yes - 16KB - /mnt/ZZ (MB/s)	1.861
Standard Deviation	3%
Flexible IO Tester - Rand Read - Sync - No - Yes - 16KB - /mnt/ZZ (IOPS)	116
Standard Deviation	2.9%
Flexible IO Tester - Rand Read - Sync - No - Yes - 256KB - /mnt/X (MB/s)	16.9
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - No - Yes - 256KB - /mnt/X (IOPS)	67
Flexible IO Tester - Rand Read - Sync - No - Yes - 256KB - /mnt/Y (MB/s)	25.5
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 256KB - /mnt/Y (IOPS)	102
Flexible IO Tester - Rand Read - Sync - No - Yes - 32KB - /mnt/ZZ (MB/s)	3.697
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - No - Yes - 32KB - /mnt/ZZ (IOPS)	115
Flexible IO Tester - Rand Read - Sync - No - Yes - 512KB - /mnt/X (MB/s)	29
Standard Deviation	2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 512KB - /mnt/X (IOPS)	59
Standard Deviation	1%
Flexible IO Tester - Rand Read - Sync - No - Yes - 512KB - /mnt/Y (MB/s)	40.5
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - No - Yes - 512KB - /mnt/Y (IOPS)	80
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Sync - No - Yes - 64KB - /mnt/ZZ (MB/s)	7.080
Standard Deviation	0.6%
Flexible IO Tester - Rand Read - Sync - No - Yes - 64KB - /mnt/ZZ (IOPS)	110
Flexible IO Tester - Rand Read - Sync - Yes - No - 128KB - /mnt/X (MB/s)	8.943
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - Yes - No - 128KB - /mnt/X (IOPS)	69
Flexible IO Tester - Rand Read - Sync - Yes - No - 128KB - /mnt/Y (MB/s)	13.6
Standard Deviation	0.4%

Flexible IO Tester - Rand Read - Sync - Yes - No - 128KB - /mnt/Y (IOPS)	108
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB - /mnt/ZZ (MB/s)	1.901
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB - /mnt/ZZ (IOPS)	118
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - Yes - No - 256KB - /mnt/X (MB/s)	16.1
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 256KB - /mnt/X (IOPS)	64
Flexible IO Tester - Rand Read - Sync - Yes - No - 256KB - /mnt/Y (MB/s)	24.2
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - Yes - No - 256KB - /mnt/Y (IOPS)	96
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB - /mnt/ZZ (MB/s)	3.692
Standard Deviation	0.6%
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB - /mnt/ZZ (IOPS)	115
Flexible IO Tester - Rand Read - Sync - Yes - No - 512KB - /mnt/X (MB/s)	28.5
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 512KB - /mnt/X (IOPS)	57
Flexible IO Tester - Rand Read - Sync - Yes - No - 512KB - /mnt/Y (MB/s)	38.3
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 512KB - /mnt/Y (IOPS)	76
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB - /mnt/ZZ (MB/s)	6.910
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB - /mnt/ZZ (IOPS)	107
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 16KB - /mnt/X (MB/s)	1.232
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 16KB - /mnt/X (IOPS)	76
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 16KB - /mnt/Y (MB/s)	2.064
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 16KB - /mnt/Y (IOPS)	128

Flexible IO Tester - Rand Read - Sync - Yes - Yes - 1MB - /mnt/ZZ (MB/s)	43.6
Standard Deviation	1.3%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 1MB - /mnt/ZZ (IOPS)	44
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB - /mnt/ZZ (MB/s)	54.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 2MB - /mnt/ZZ (IOPS)	27
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 32KB - /mnt/X (MB/s)	2.425
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 32KB - /mnt/X (IOPS)	75
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 32KB - /mnt/Y (MB/s)	4.031
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 32KB - /mnt/Y (IOPS)	125
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4KB - /mnt/ZZ (MB/s)	0.486
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4KB - /mnt/ZZ (IOPS)	121
Standard Deviation	0.8%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4MB - /mnt/ZZ (MB/s)	62.5
Standard Deviation	1%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 4MB - /mnt/ZZ (IOPS)	15
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 64KB - /mnt/X (MB/s)	4.738
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 64KB - /mnt/X (IOPS)	73
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 64KB - /mnt/Y (MB/s)	7.752
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 64KB - /mnt/Y (IOPS)	121
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8KB - /mnt/ZZ (MB/s)	0.958
Standard Deviation	0.5%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8KB - /mnt/ZZ (IOPS)	119
Standard Deviation	0.8%

Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8MB - /mnt/ZZ (MB/s)	68.0
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Sync - Yes - Yes - 8MB - /mnt/ZZ (IOPS)	8
Flexible IO Tester - Rand Write - Sync - No - No - 128KB - /mnt/X	7.323
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - No - 128KB - /mnt/X (IOPS)	57
Flexible IO Tester - Rand Write - Sync - No - No - 128KB - /mnt/Y	7.504
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Sync - No - No - 128KB - /mnt/Y (IOPS)	58
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - /mnt/ZZ	4.298
Standard Deviation	1%
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - /mnt/ZZ (IOPS)	268
Standard Deviation	1%
Flexible IO Tester - Rand Write - Sync - No - No - 256KB - /mnt/X	12.7
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - Sync - No - No - 256KB - /mnt/X (IOPS)	50
Flexible IO Tester - Rand Write - Sync - No - No - 256KB - /mnt/Y	12.9
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Sync - No - No - 256KB - /mnt/Y (IOPS)	51
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - /mnt/ZZ	8.323
Standard Deviation	1.1%
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - /mnt/ZZ (IOPS)	260
Standard Deviation	1.2%
Flexible IO Tester - Rand Write - Sync - No - No - 512KB - /mnt/X	21.1
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - No - 512KB - /mnt/X (IOPS)	42
Flexible IO Tester - Rand Write - Sync - No - No - 512KB - /mnt/Y	21.6
Standard Deviation	0.5%
Flexible IO Tester - Rand Write - Sync - No - No - 512KB - /mnt/Y (IOPS)	43
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - /mnt/ZZ	14.4
Standard Deviation	2.8%
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - /mnt/ZZ (IOPS)	231
Standard Deviation	2.6%
Flexible IO Tester - Rand Write - Sync - No - Yes - 16KB - /mnt/X	1.014
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 16KB - /mnt/X	63
Flexible IO Tester - Rand Write - Sync - No - Yes - 16KB - /mnt/Y	1.070
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 16KB - /mnt/Y	67
Standard Deviation	0.9%

Flexible IO Tester - Rand Write - Sync - No - Yes - 1MB - /mnt/ZZ (MB/s)	54.4
Standard Deviation	2.9%
Flexible IO Tester - Rand Write - Sync - No - Yes - 1MB - /mnt/ZZ (IOPS)	54
Standard Deviation	3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB - /mnt/ZZ (MB/s)	54.8
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - No - Yes - 2MB - /mnt/ZZ (IOPS)	27
Flexible IO Tester - Rand Write - Sync - No - Yes - 32KB - /mnt/X	1.990
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 32KB - /mnt/X	62
Flexible IO Tester - Rand Write - Sync - No - Yes - 32KB - /mnt/Y	2.117
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 32KB - /mnt/Y	66
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - /mnt/ZZ	1.136
Standard Deviation	0%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - /mnt/ZZ	284
Flexible IO Tester - Rand Write - Sync - No - Yes - 4MB - /mnt/ZZ (MB/s)	62.7
Standard Deviation	0.7%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4MB - /mnt/ZZ (IOPS)	15
Flexible IO Tester - Rand Write - Sync - No - Yes - 64KB - /mnt/X	3.900
Standard Deviation	0.1%
Flexible IO Tester - Rand Write - Sync - No - Yes - 64KB - /mnt/X	60
Flexible IO Tester - Rand Write - Sync - No - Yes - 64KB - /mnt/Y	4.066
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - Sync - No - Yes - 64KB - /mnt/Y	63
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - /mnt/ZZ	2.222
Standard Deviation	1.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - /mnt/ZZ	277
Standard Deviation	1.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8MB - /mnt/ZZ (MB/s)	67.4
Standard Deviation	0.5%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8MB - /mnt/ZZ (IOPS)	8
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB - /mnt/X	69.0
Standard Deviation	2.9%
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB - /mnt/X	4421
Standard Deviation	2.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB - /mnt/Y	64.8
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB - /mnt/Y	4145
Standard Deviation	0.6%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 4KB - /mnt/X	45.9
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 4KB - /mnt/X (IOPS)	11800

Standard Deviation	1.5%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB - /mnt/X (MB/s)	0.973
Standard Deviation	2.9%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB - /mnt/X (IOPS)	240
Standard Deviation	2.9%
Flexible IO Tester - Seq Read - Sync - No - No - 4KB - /mnt/X (MB/s)	57.5
Standard Deviation	4.6%
Flexible IO Tester - Seq Read - Sync - No - No - 4KB - /mnt/X (IOPS)	14729
Standard Deviation	4.7%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB - /mnt/X (MB/s)	0.962
Standard Deviation	3%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB - /mnt/X (IOPS)	237
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB - /mnt/X (MB/s)	0.949
Standard Deviation	1.5%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB - /mnt/X (IOPS)	234
Flexible IO Tester - Rand Read - Linux AIO - No - No - 4KB - /mnt/X (MB/s)	0.966
Standard Deviation	3%
Flexible IO Tester - Rand Read - Linux AIO - No - No - 4KB - /mnt/X (IOPS)	238
Standard Deviation	3.1%
Flexible IO Tester - Rand Read - POSIX AIO - No - No - 4KB - /mnt/X (MB/s)	0.322
Standard Deviation	0%
Flexible IO Tester - Rand Read - POSIX AIO - No - No - 4KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB - /mnt/X (MB/s)	0.260
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB - /mnt/X (IOPS)	61
Flexible IO Tester - Seq Read - Sync - No - Yes - 4KB - /mnt/X (MB/s)	58.2
Standard Deviation	5.2%
Flexible IO Tester - Seq Read - Sync - No - Yes - 4KB - /mnt/X (IOPS)	14787
Standard Deviation	5.8%
Flexible IO Tester - Seq Read - Sync - Yes - No - 4KB - /mnt/X (MB/s)	114
Flexible IO Tester - Seq Read - Sync - Yes - No - 4KB - /mnt/X (IOPS)	29333
Standard Deviation	0.5%
Flexible IO Tester - Seq Write - Sync - No - No - 4KB - /mnt/X (MB/s)	41.2
Standard Deviation	1.8%
Flexible IO Tester - Seq Write - Sync - No - No - 4KB - /mnt/X (IOPS)	10533
Standard Deviation	2%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB - /mnt/X (MB/s)	0.966
Standard Deviation	2%

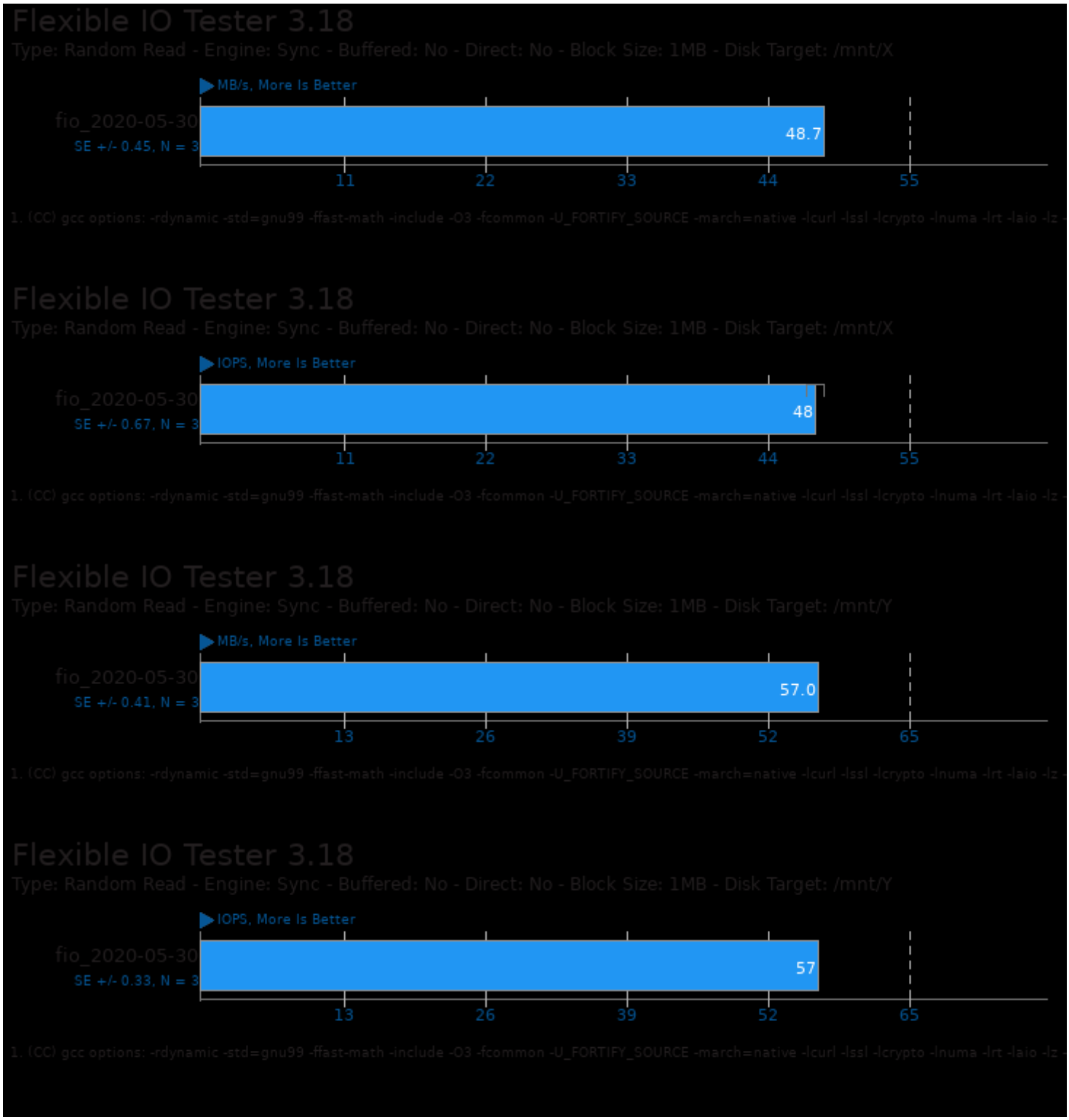
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB - /mnt/X (IOPS)	238
Standard Deviation	2.2%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4KB - /mnt/X (MB/s)	0.954
Standard Deviation	2.4%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4KB - /mnt/X (IOPS)	235
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4KB - /mnt/X (MB/s)	0.323
Standard Deviation	0%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Read - POSIX AIO - No - Yes - 4KB - /mnt/X (MB/s)	0.322
Standard Deviation	0.4%
Flexible IO Tester - Rand Read - POSIX AIO - No - Yes - 4KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 4KB - /mnt/X (MB/s)	0.322
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 4KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB - /mnt/X (MB/s)	0.258
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB - /mnt/X (IOPS)	61
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB - /mnt/X (MB/s)	44.2
Standard Deviation	1.5%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB - /mnt/X (IOPS)	11400
Standard Deviation	3%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 4KB - /mnt/X (MB/s)	0.261
Standard Deviation	1.5%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 4KB - /mnt/X (IOPS)	62
Standard Deviation	1.6%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 4KB - /mnt/X (MB/s)	0.267
Standard Deviation	0.2%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 4KB - /mnt/X (IOPS)	63
Flexible IO Tester - Seq Read - Sync - Yes - Yes - 4KB - /mnt/X	113
Standard Deviation	3%
Flexible IO Tester - Seq Read - Sync - Yes - Yes - 4KB - /mnt/X	29000
Standard Deviation	3%
Flexible IO Tester - Seq Write - Sync - No - Yes - 4KB - /mnt/X	42.0
Standard Deviation	0.6%

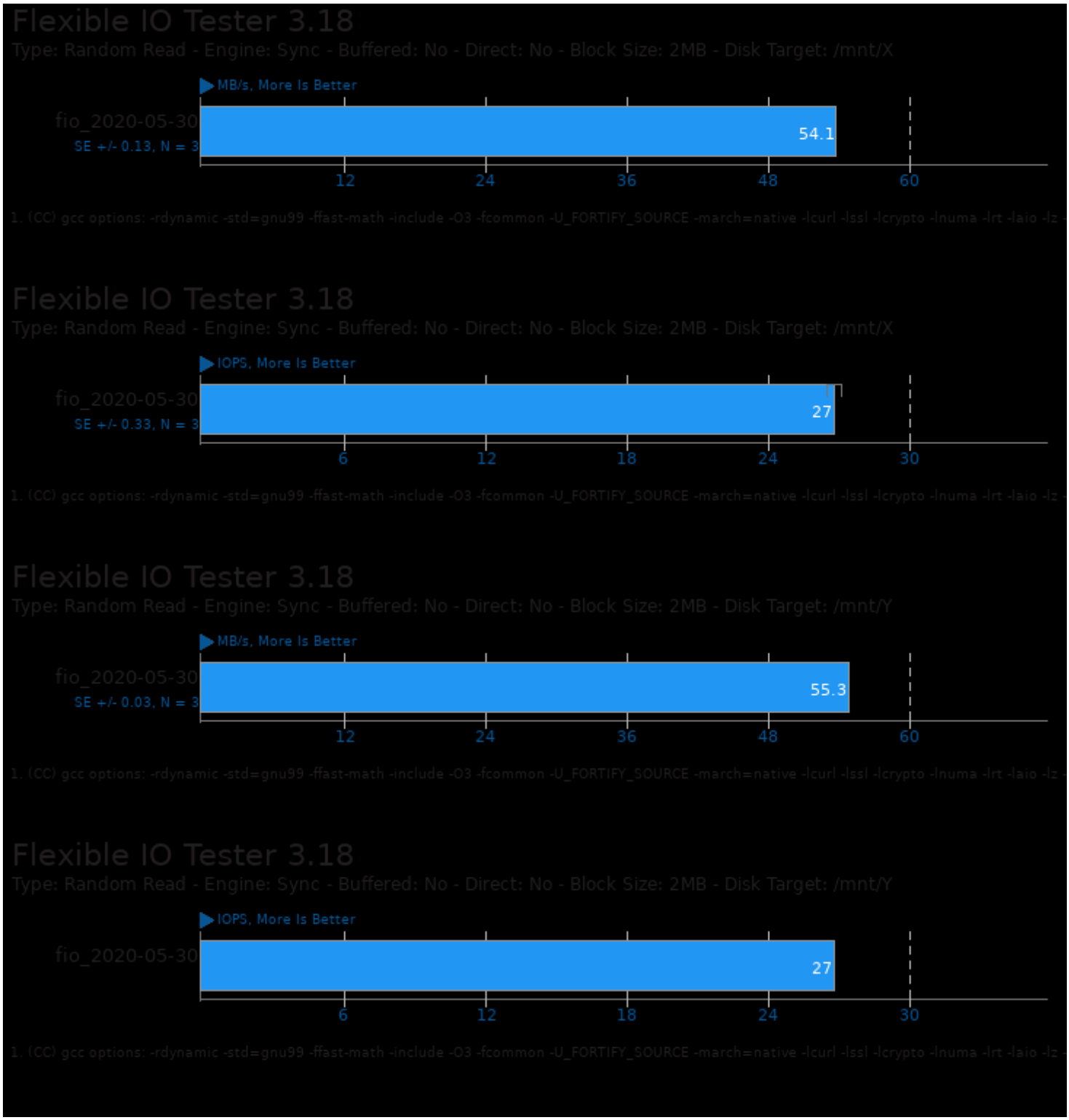
Flexible IO Tester - Seq Write - Sync - No - Yes - 4KB - /mnt/X	10733
Standard Deviation	0.5%
Flexible IO Tester - Seq Write - Sync - Yes - No - 4KB - /mnt/X	95.4
Standard Deviation	1.6%
Flexible IO Tester - Seq Write - Sync - Yes - No - 4KB - /mnt/X	24500
Standard Deviation	1.4%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	0.323
Standard Deviation	0%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Read - POSIX AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	0.322
Standard Deviation	0.2%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	77
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB - /mnt/X (MB/s)	39.4644
Standard Deviation	33.1%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB - /mnt/X (IOPS)	10044
Standard Deviation	32.9%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB - /mnt/X (MB/s)	0.258
Standard Deviation	0.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB - /mnt/X (IOPS)	61
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB - /mnt/X (MB/s)	46.1
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB - /mnt/X (IOPS)	11867
Standard Deviation	1%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 4KB - /mnt/X (MB/s)	0.265
Standard Deviation	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 4KB - /mnt/X (IOPS)	63
Standard Deviation	0.9%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4KB - /mnt/X (MB/s)	45.7
Standard Deviation	1.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4KB - /mnt/X (IOPS)	11667
Standard Deviation	1%
Flexible IO Tester - Seq Write - Sync - Yes - Yes - 4KB - /mnt/X	94.6
Standard Deviation	0.6%
Flexible IO Tester - Seq Write - Sync - Yes - Yes - 4KB - /mnt/X	24233
Standard Deviation	0.6%

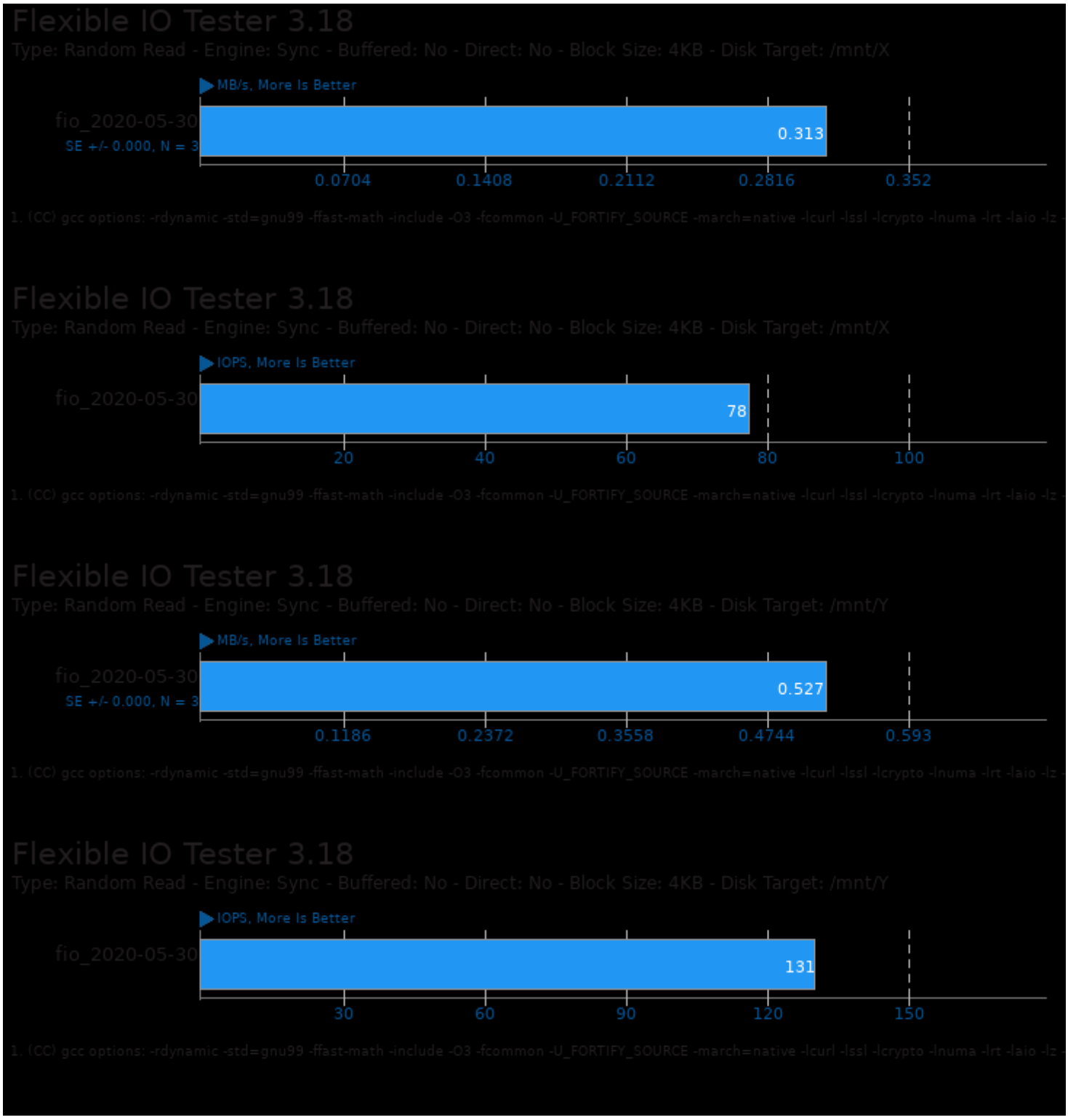
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	47.3
Standard Deviation	0.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	12133
Standard Deviation	0.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	45.4
Standard Deviation	2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	11633
Standard Deviation	1.8%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB - /mnt/X	22.8
Standard Deviation	21.5%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB - /mnt/X (IOPS)	5842
Standard Deviation	21.7%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB - /mnt/X (MB/s)	23.3
Standard Deviation	22.2%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB - /mnt/X (IOPS)	5990
Standard Deviation	22.8%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB - /mnt/X (MB/s)	113
Standard Deviation	3%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB - /mnt/X (IOPS)	28810
Standard Deviation	2.9%
Flexible IO Tester - Seq Read - Linux AIO - No - No - 4KB - /mnt/X (MB/s)	21.9
Standard Deviation	19.6%
Flexible IO Tester - Seq Read - Linux AIO - No - No - 4KB - /mnt/X (IOPS)	5598
Standard Deviation	19.5%
Flexible IO Tester - Seq Read - POSIX AIO - No - No - 4KB - /mnt/X (MB/s)	61.6
Standard Deviation	2.5%
Flexible IO Tester - Seq Read - POSIX AIO - No - No - 4KB - /mnt/X (IOPS)	15767
Standard Deviation	2.4%
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB - /mnt/X	55.3
Standard Deviation	2.4%
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB - /mnt/X	14167
Standard Deviation	2.3%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB - /mnt/X (MB/s)	113
Standard Deviation	2.7%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB - /mnt/X (IOPS)	28980
Standard Deviation	2.7%

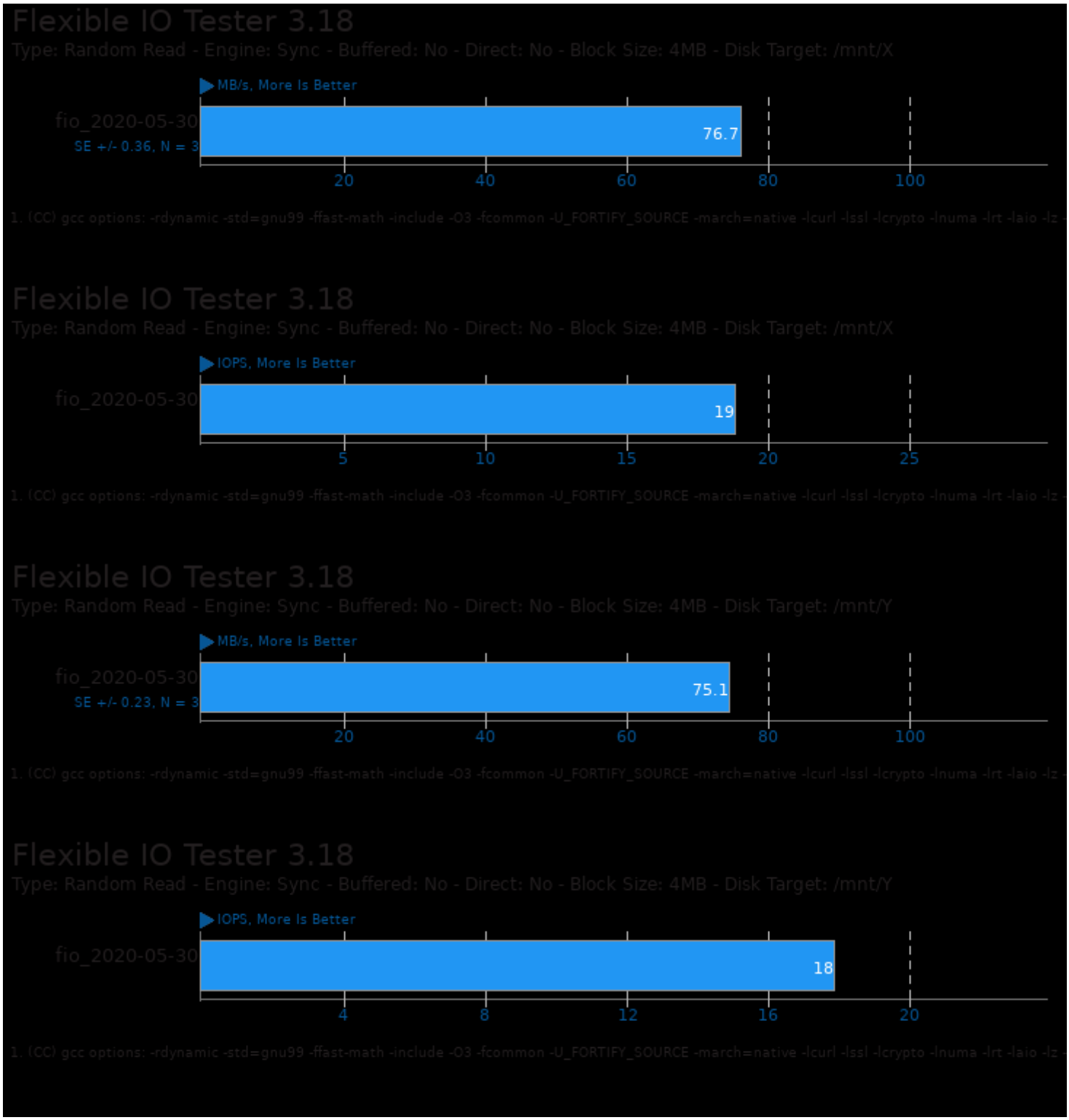
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 4KB - /mnt/X (MB/s)	20.8
Standard Deviation	23.1%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 4KB - /mnt/X (IOPS)	5335
Standard Deviation	23%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4KB - /mnt/X (MB/s)	113
Standard Deviation	2.9%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4KB - /mnt/X (IOPS)	28857
Standard Deviation	3%
Flexible IO Tester - Seq Read - POSIX AIO - No - Yes - 4KB - /mnt/X (MB/s)	59.4
Standard Deviation	4.2%
Flexible IO Tester - Seq Read - POSIX AIO - No - Yes - 4KB - /mnt/X (IOPS)	15200
Standard Deviation	4.2%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 4KB - /mnt/X (MB/s)	114
Standard Deviation	2.8%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 4KB - /mnt/X (IOPS)	29100
Standard Deviation	2.6%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB - /mnt/X (MB/s)	55.2
Standard Deviation	2.4%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB - /mnt/X (IOPS)	14133
Standard Deviation	2.5%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB - /mnt/X (MB/s)	91.5
Standard Deviation	2.8%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB - /mnt/X (IOPS)	23400
Standard Deviation	2.7%
Flexible IO Tester - Seq Write - Linux AIO - No - No - 4KB - /mnt/X (MB/s)	51.1
Standard Deviation	1.9%
Flexible IO Tester - Seq Write - Linux AIO - No - No - 4KB - /mnt/X (IOPS)	12767
Standard Deviation	5.6%
Flexible IO Tester - Seq Write - POSIX AIO - No - No - 4KB - /mnt/X (MB/s)	42.0
Standard Deviation	0.5%
Flexible IO Tester - Seq Write - POSIX AIO - No - No - 4KB - /mnt/X (IOPS)	10767
Standard Deviation	0.5%
Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	112
Standard Deviation	2.8%

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	28675
Standard Deviation	3%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	113
Standard Deviation	3%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	28950
Standard Deviation	3%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB - /mnt/X (MB/s)	93.1
Standard Deviation	0.8%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB - /mnt/X (IOPS)	23500
Standard Deviation	2%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 4KB - /mnt/X (MB/s)	52.9
Standard Deviation	1.3%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 4KB - /mnt/X (IOPS)	13533
Standard Deviation	1.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4KB - /mnt/X (MB/s)	92.3
Standard Deviation	2.2%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4KB - /mnt/X (IOPS)	23633
Standard Deviation	2.1%
Flexible IO Tester - Seq Write - POSIX AIO - No - Yes - 4KB - /mnt/X (MB/s)	42.9
Standard Deviation	2.9%
Flexible IO Tester - Seq Write - POSIX AIO - No - Yes - 4KB - /mnt/X (IOPS)	10983
Standard Deviation	2.9%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 4KB - /mnt/X (MB/s)	93.1
Standard Deviation	2.2%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 4KB - /mnt/X (IOPS)	23867
Standard Deviation	2.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	94.8
Standard Deviation	1.4%
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	24267
Standard Deviation	1.6%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - Yes - 4KB - /mnt/X (MB/s)	92.8
Standard Deviation	0.8%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - Yes - 4KB - /mnt/X (IOPS)	23733
Standard Deviation	0.6%

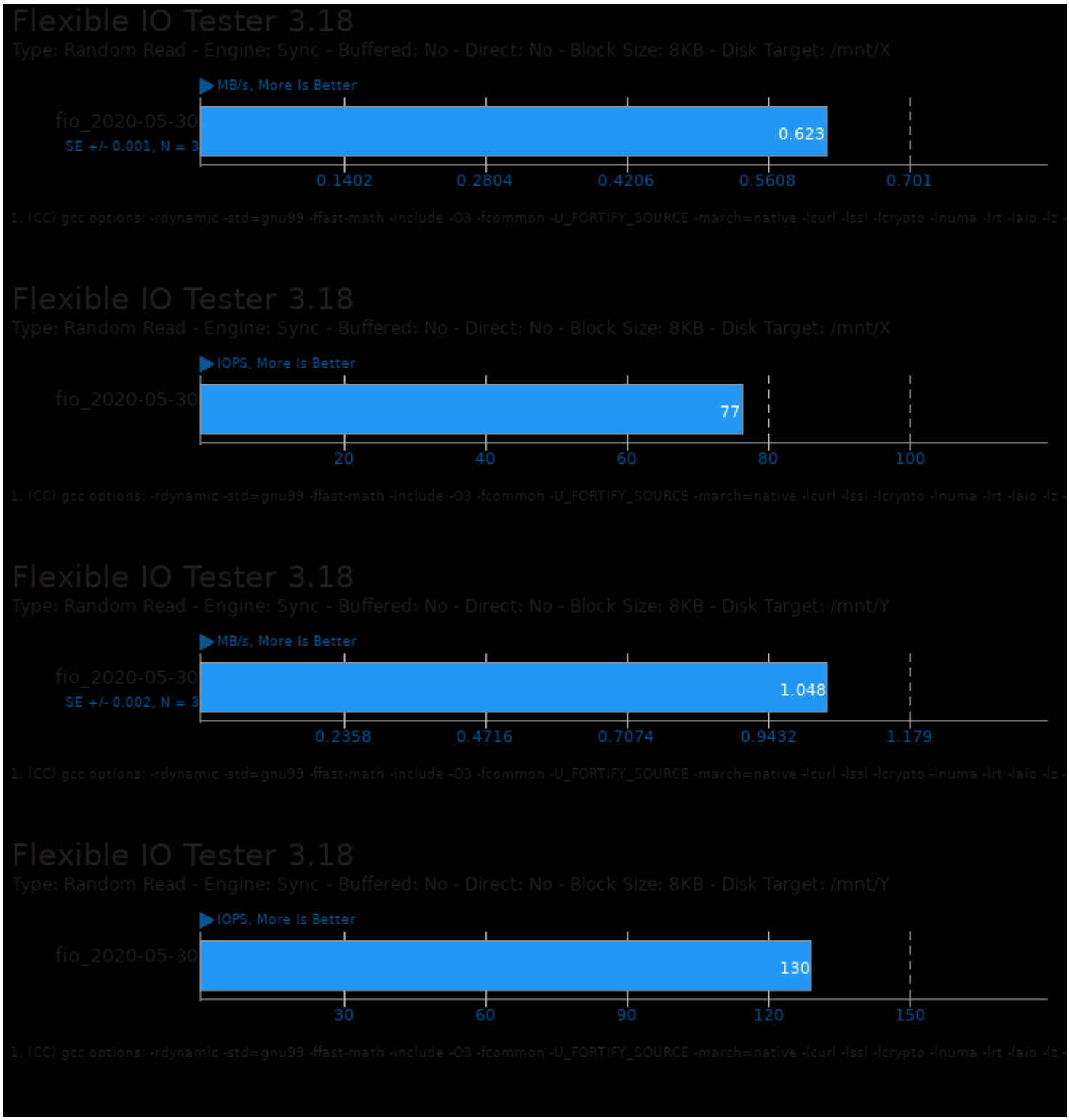

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.45, N = 3
48.7
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.67, N = 3
48
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.41, N = 3
57.0
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
57
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.13, N = 3
54.1
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
27
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.03, N = 3
55.3
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 2MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
27
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

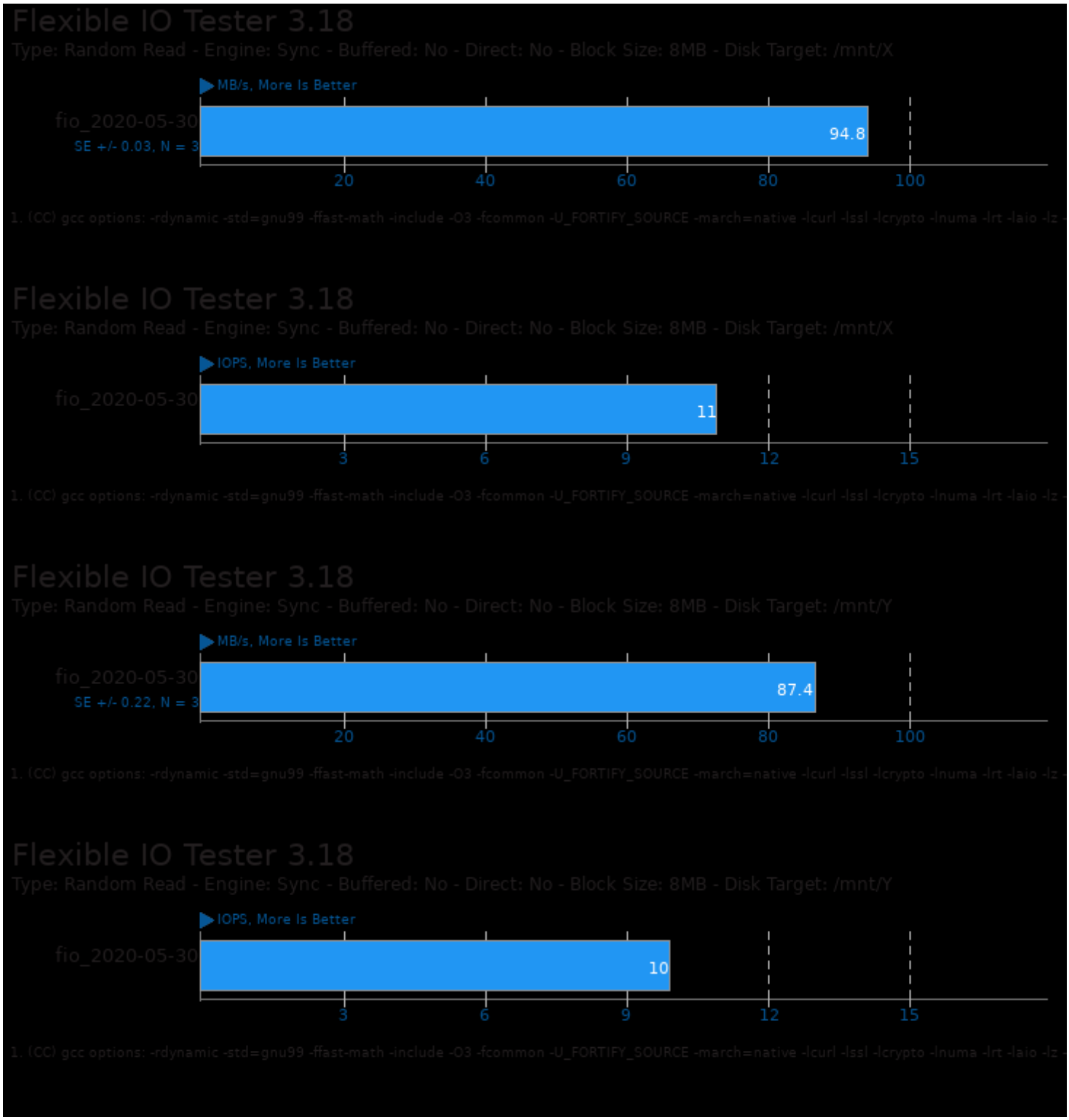

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.313
0.0704
0.1408
0.2112
0.2816
0.352
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
78
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.527
0.1186
0.2372
0.3558
0.4744
0.593
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
131
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

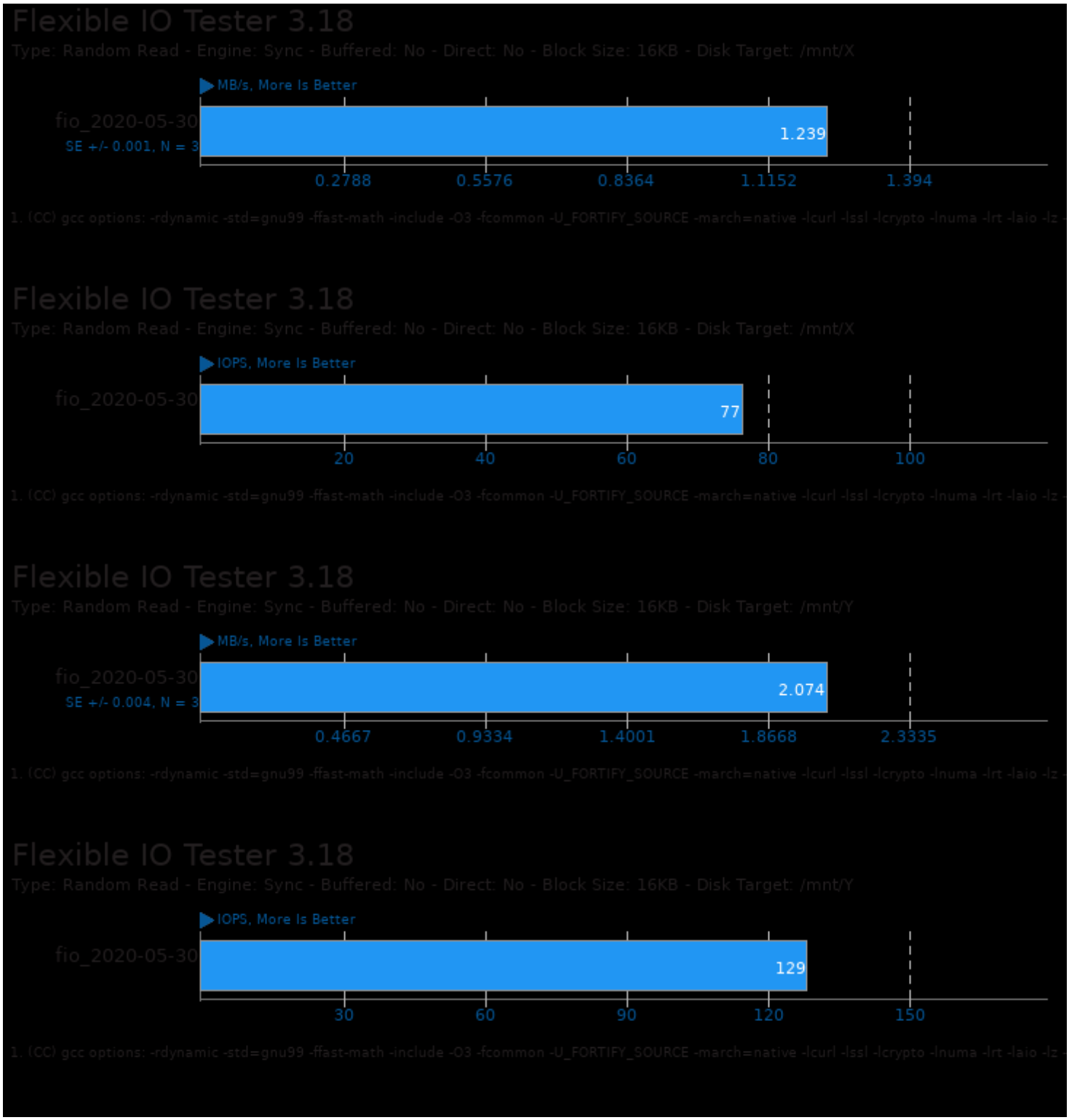

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.36, N = 3
76.7
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
19
5
10
15
20
25
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.23, N = 3
75.1
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
18
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

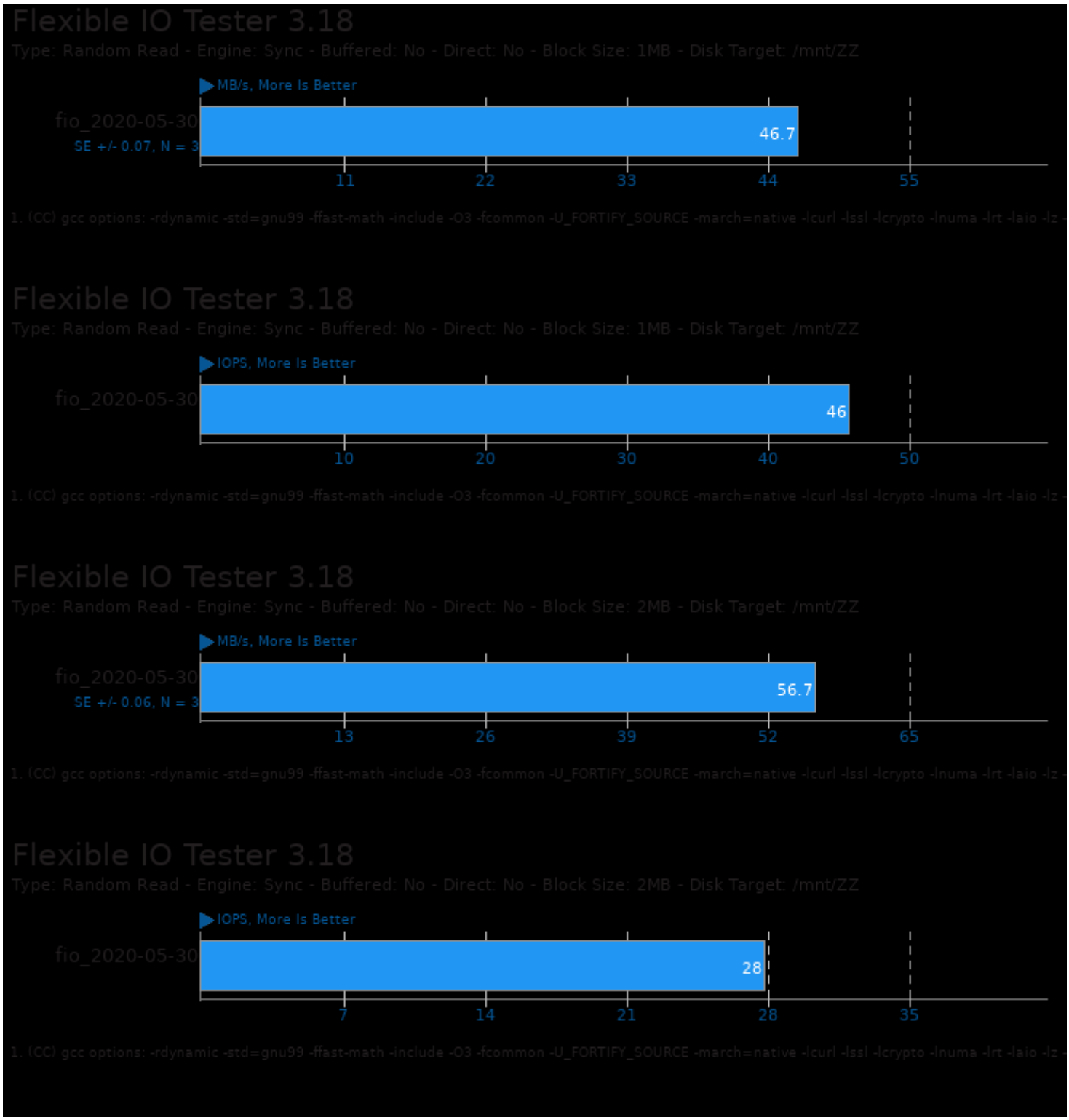


fio_2020-05-30

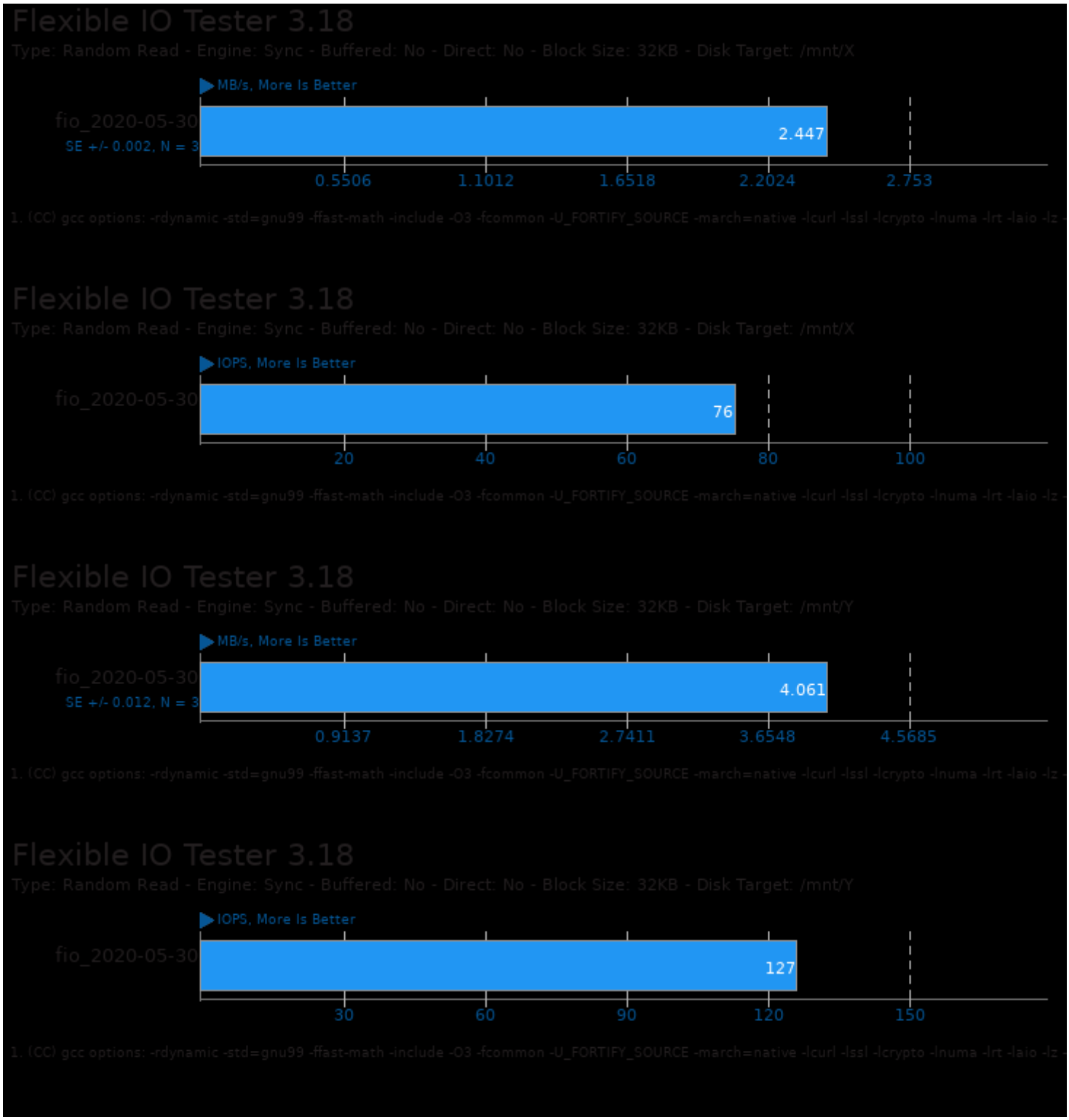


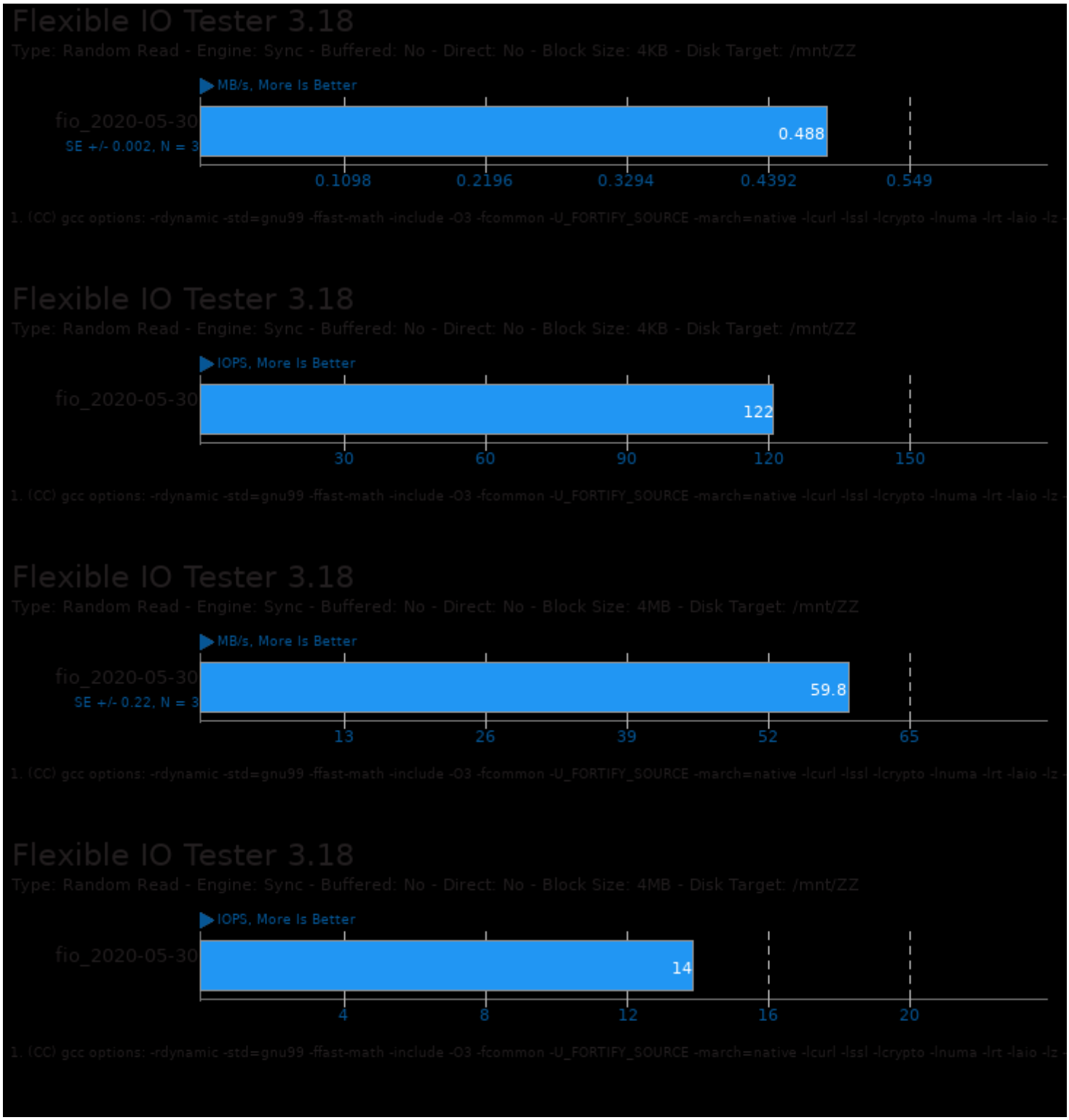

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
1.239
0.2788
0.5576
0.8364
1.1152
1.394
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.004, N = 3
2.074
0.4667
0.9334
1.4001
1.8668
2.3335
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
129
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

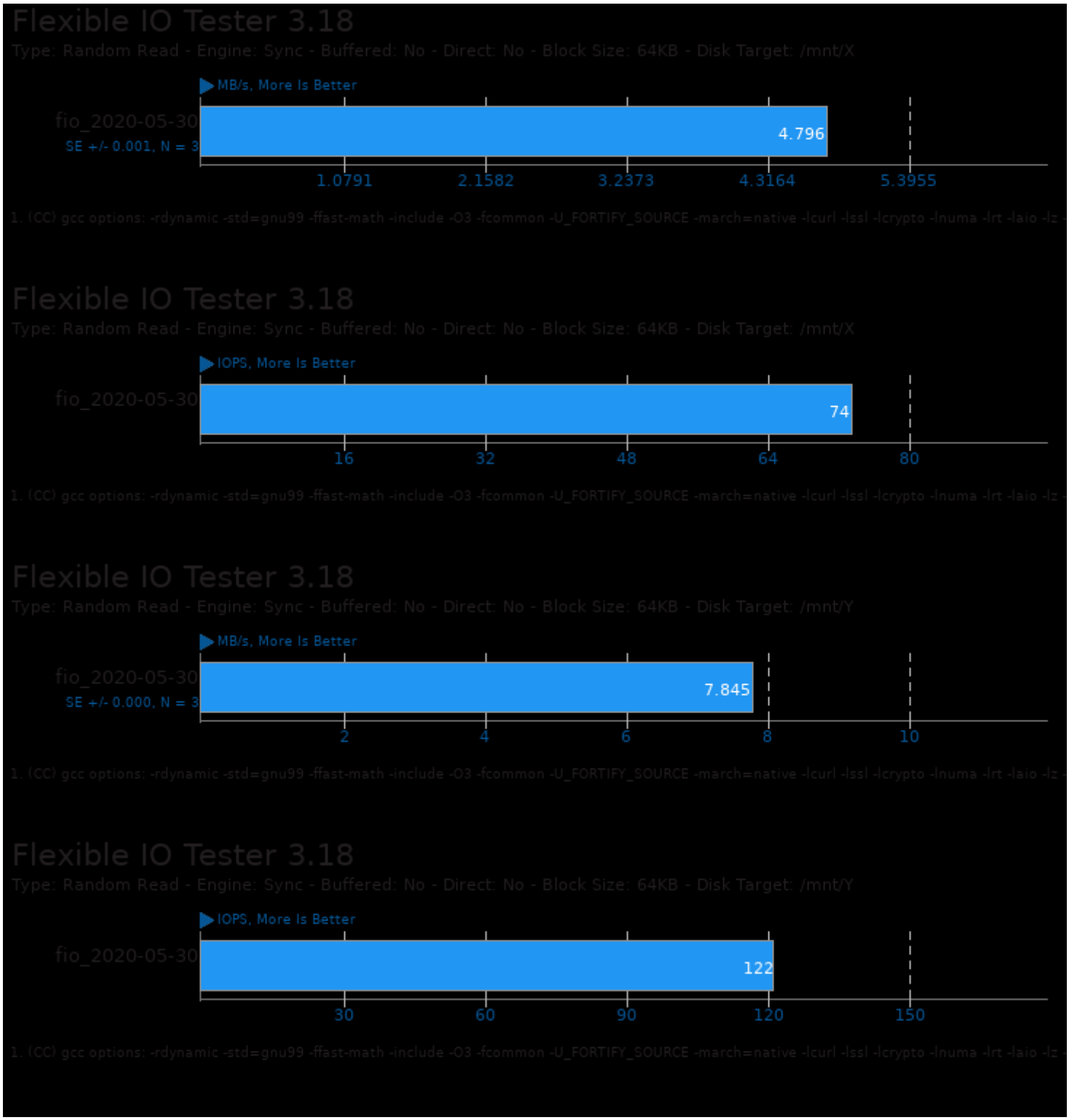


fio_2020-05-30

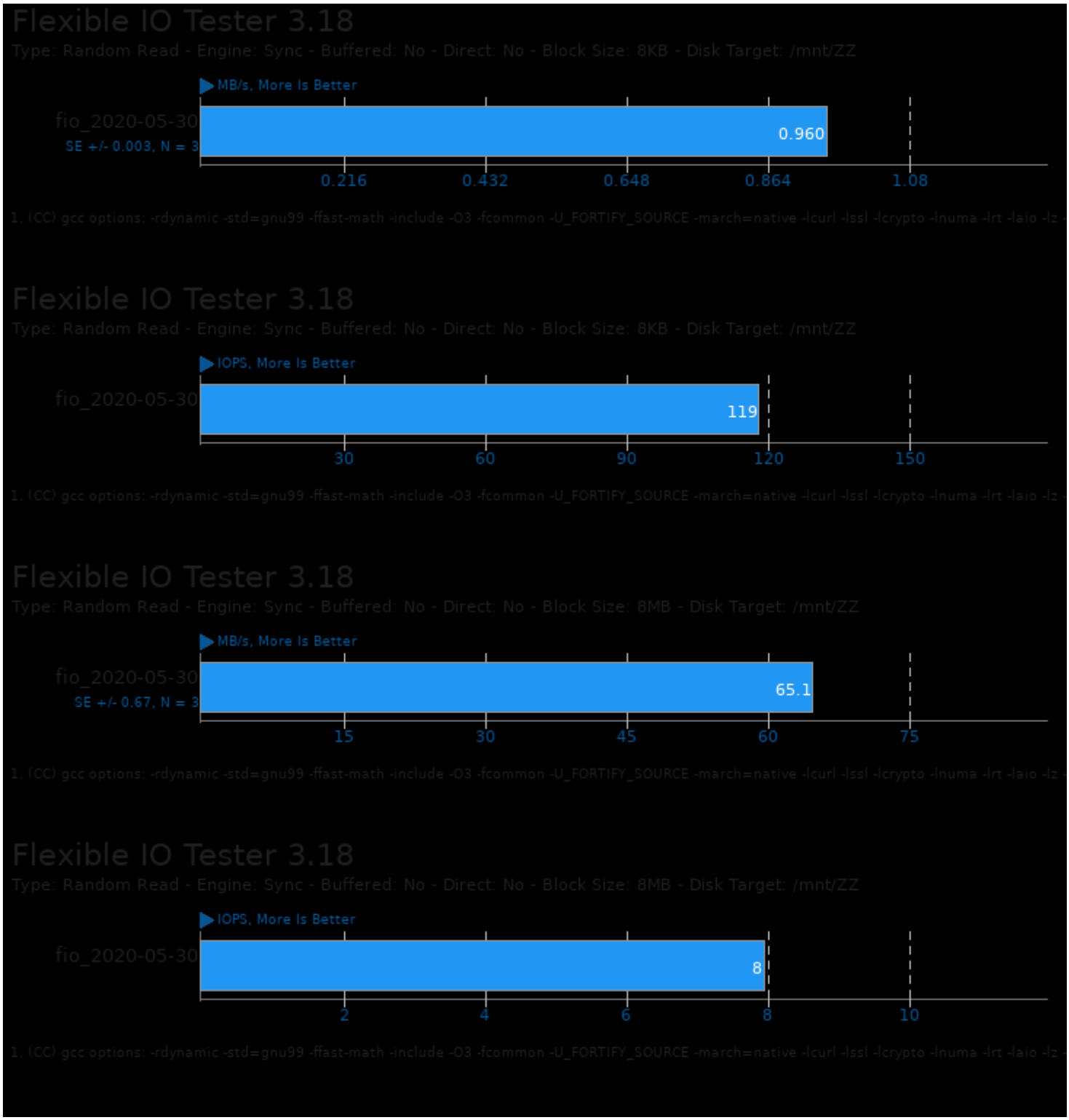



Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.488
0.1098
0.2196
0.3294
0.4392
0.549
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
122
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.22, N = 3
59.8
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
14
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

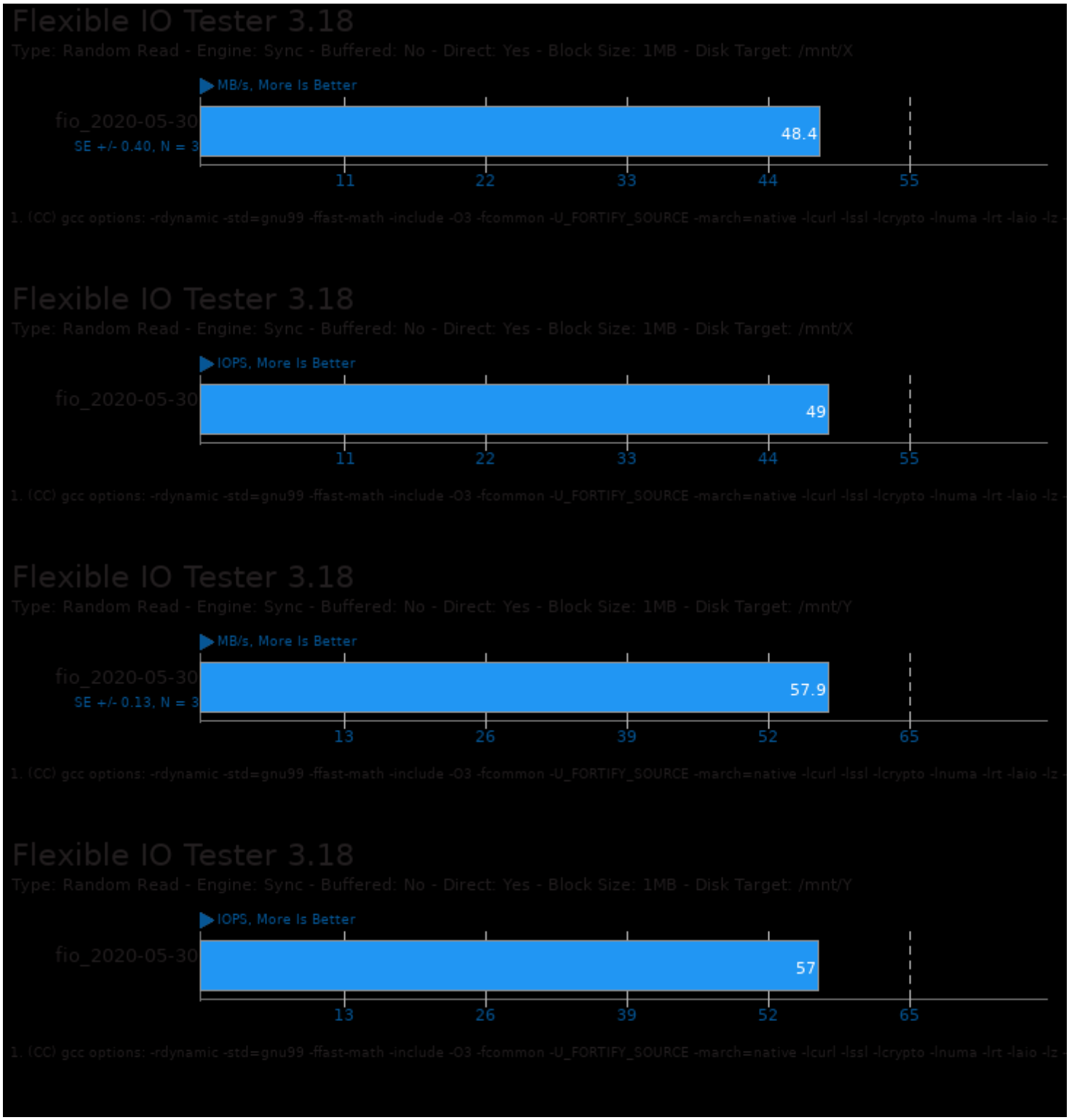
fio_2020-05-30

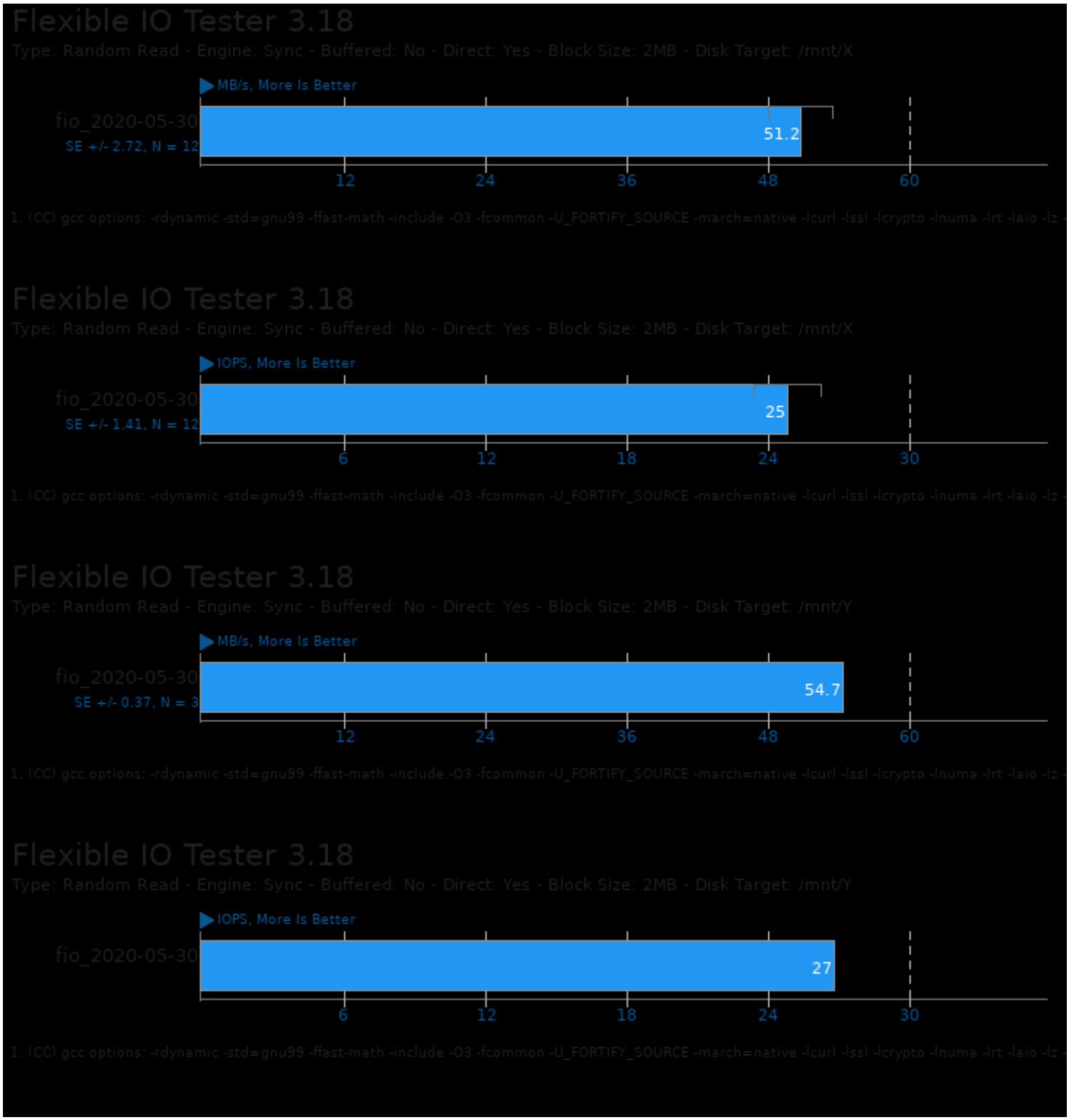


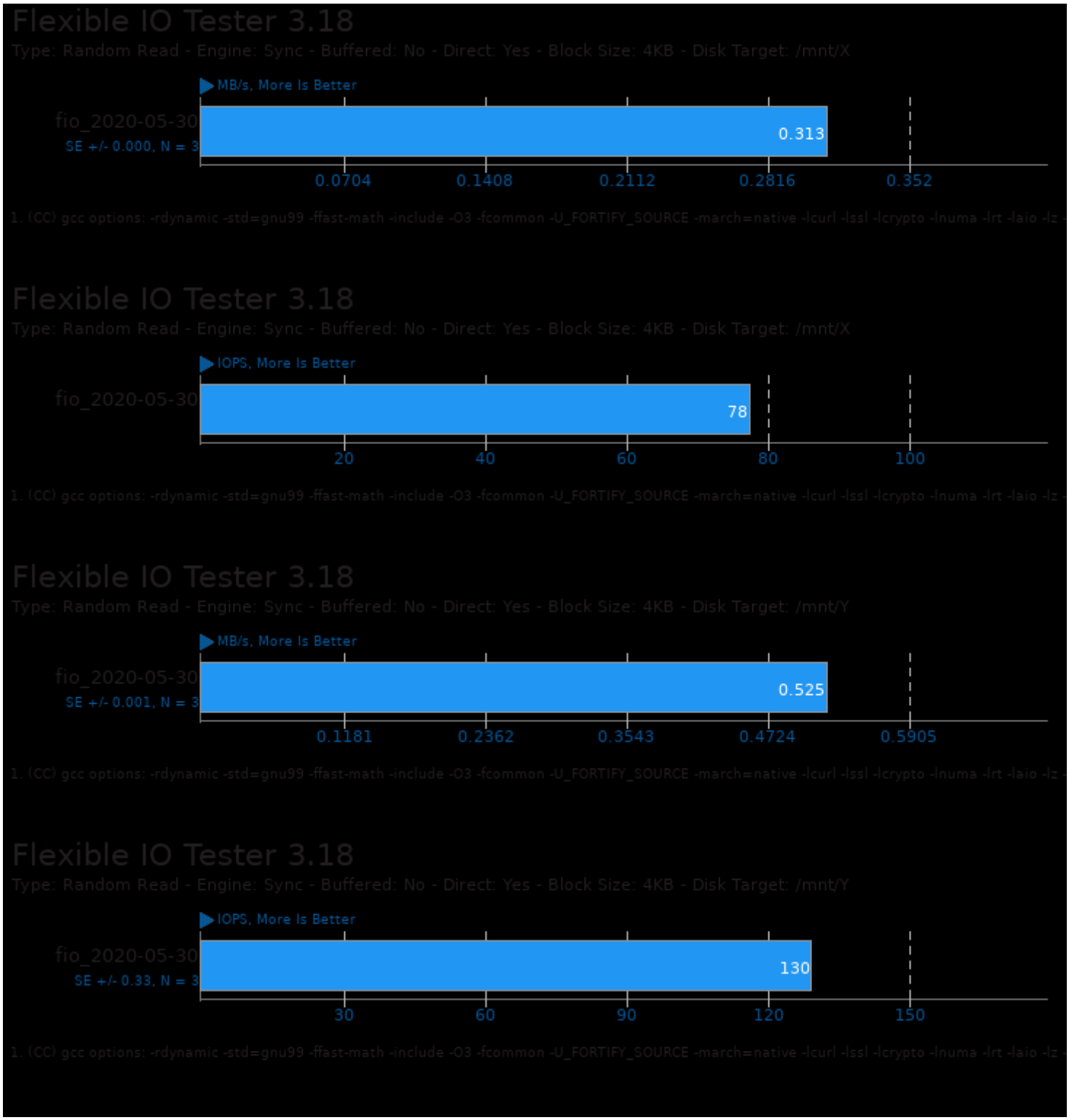
fio_2020-05-30

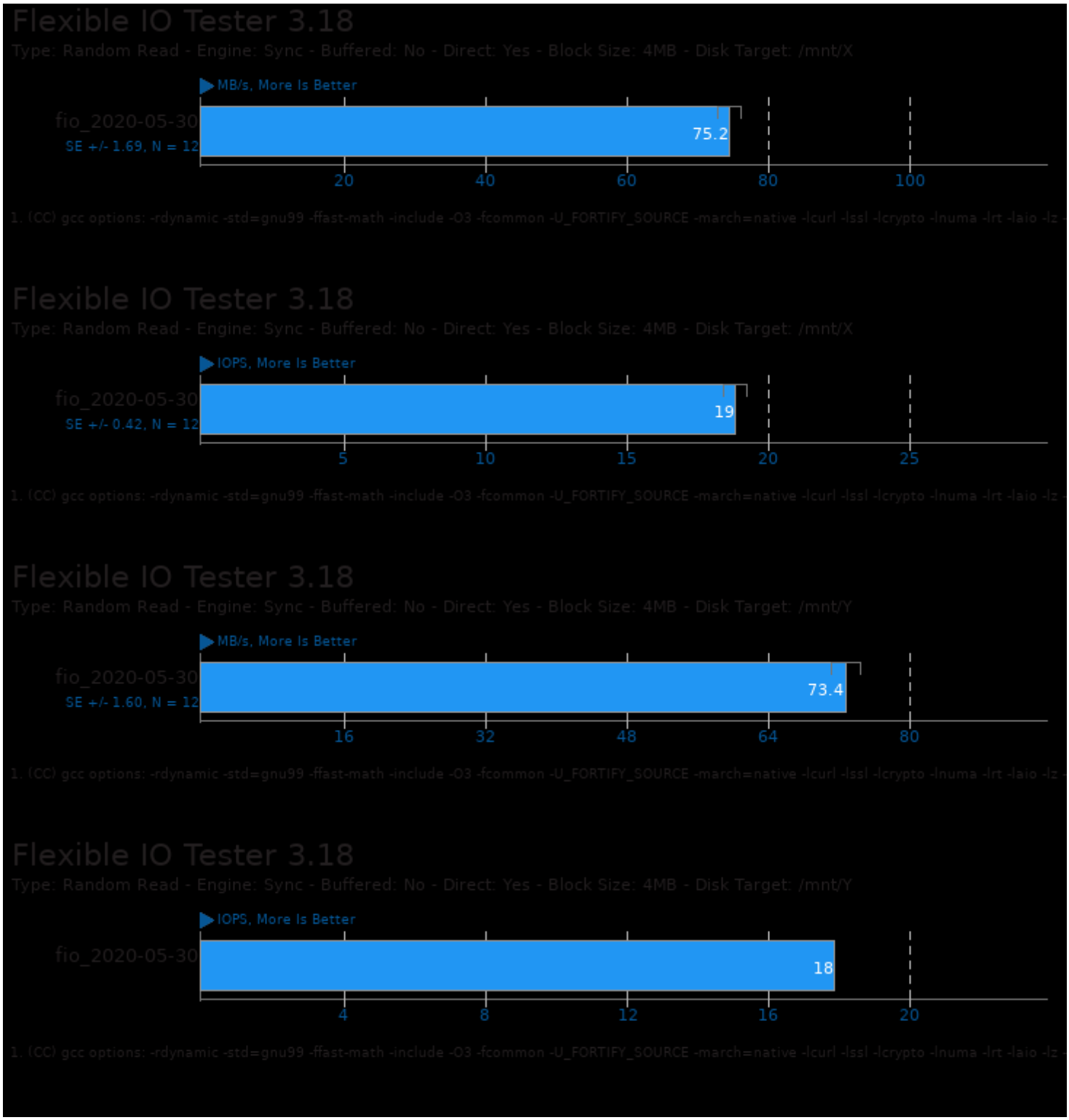


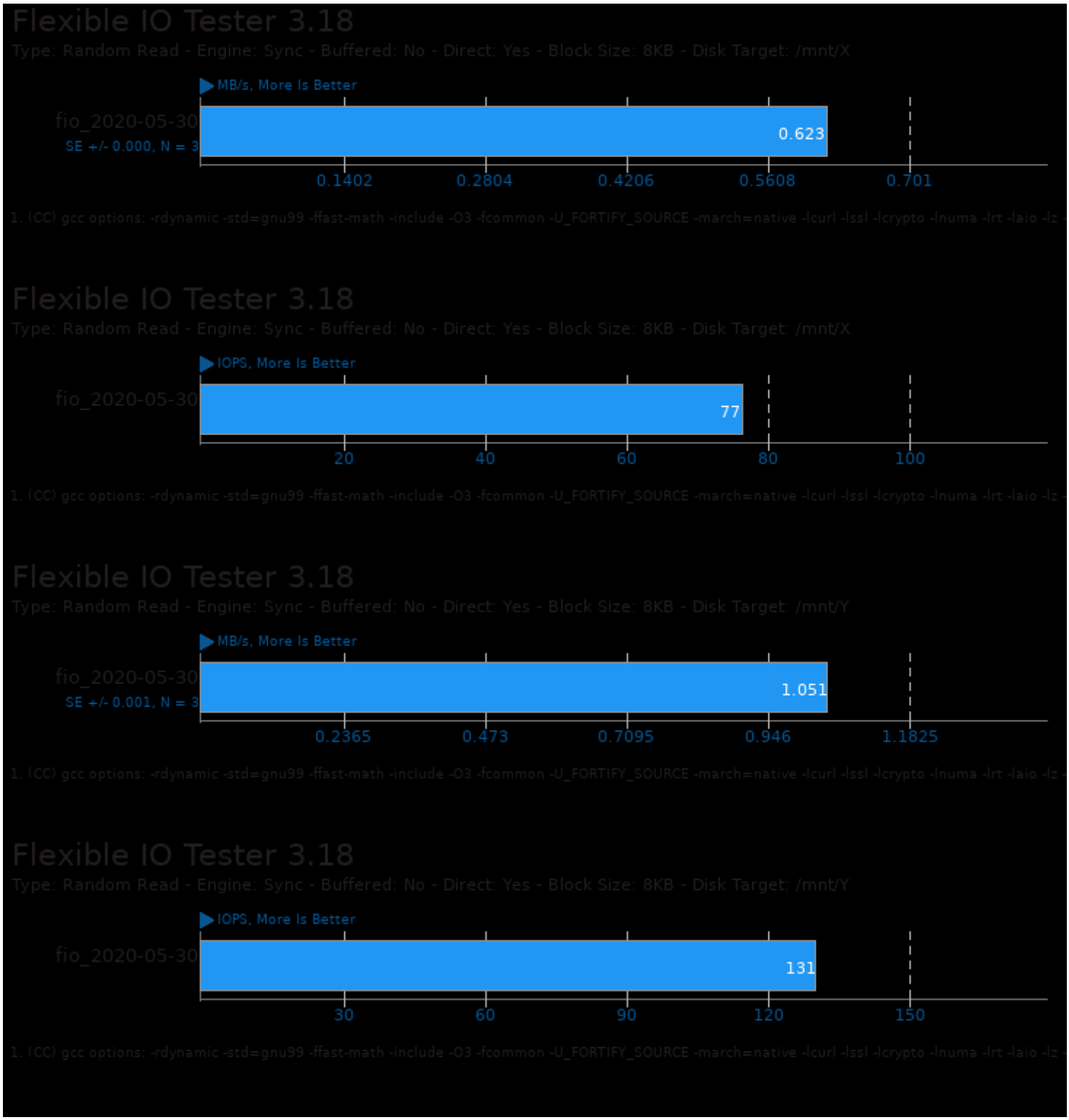
fio_2020-05-30



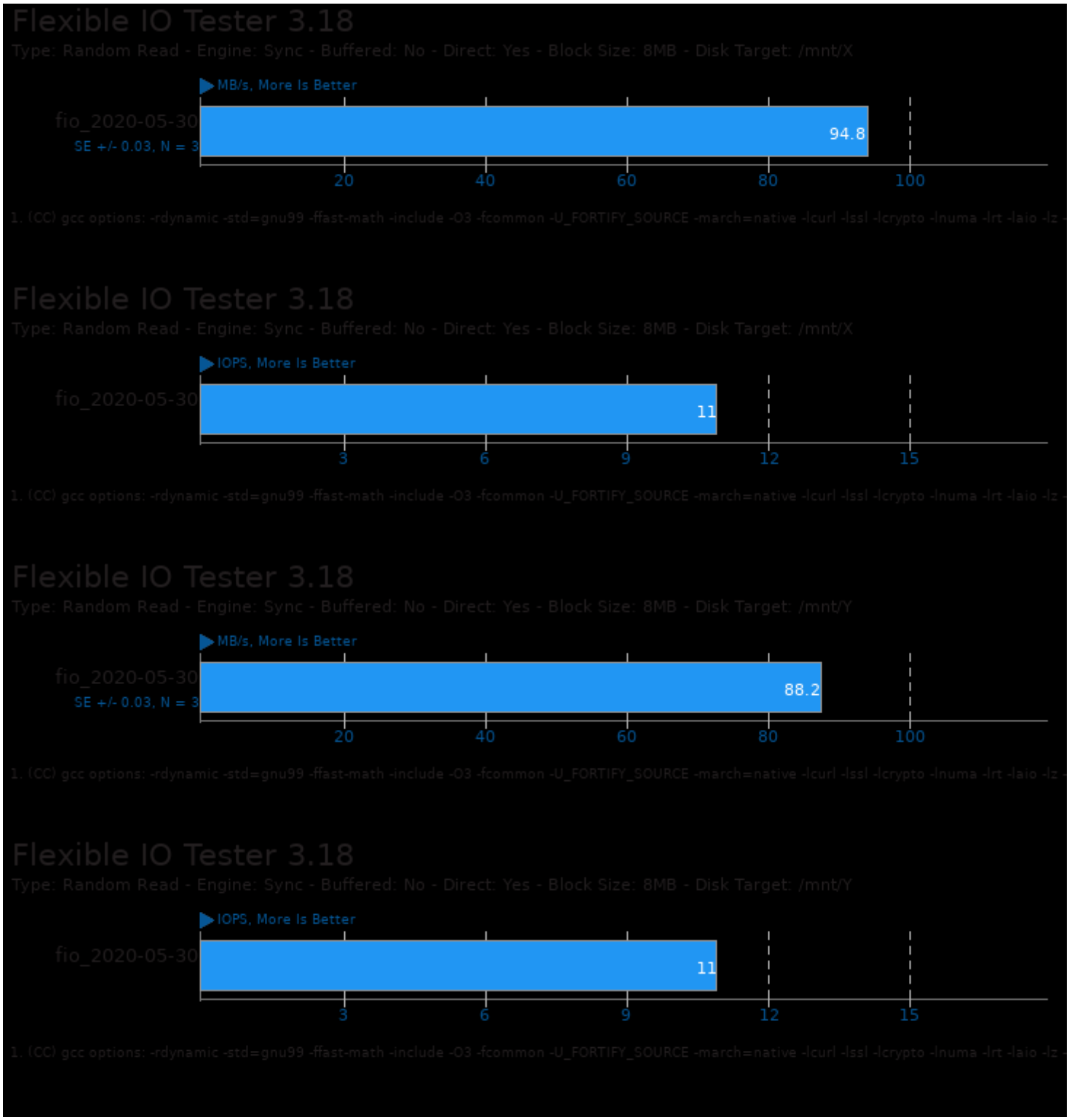

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 2.72, N = 12
51.2
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 1.41, N = 12
25
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.37, N = 3
54.7
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
27
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.313
0.0704
0.1408
0.2112
0.2816
0.352
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
78
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.525
0.1181
0.2362
0.3543
0.4724
0.5905
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
130
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

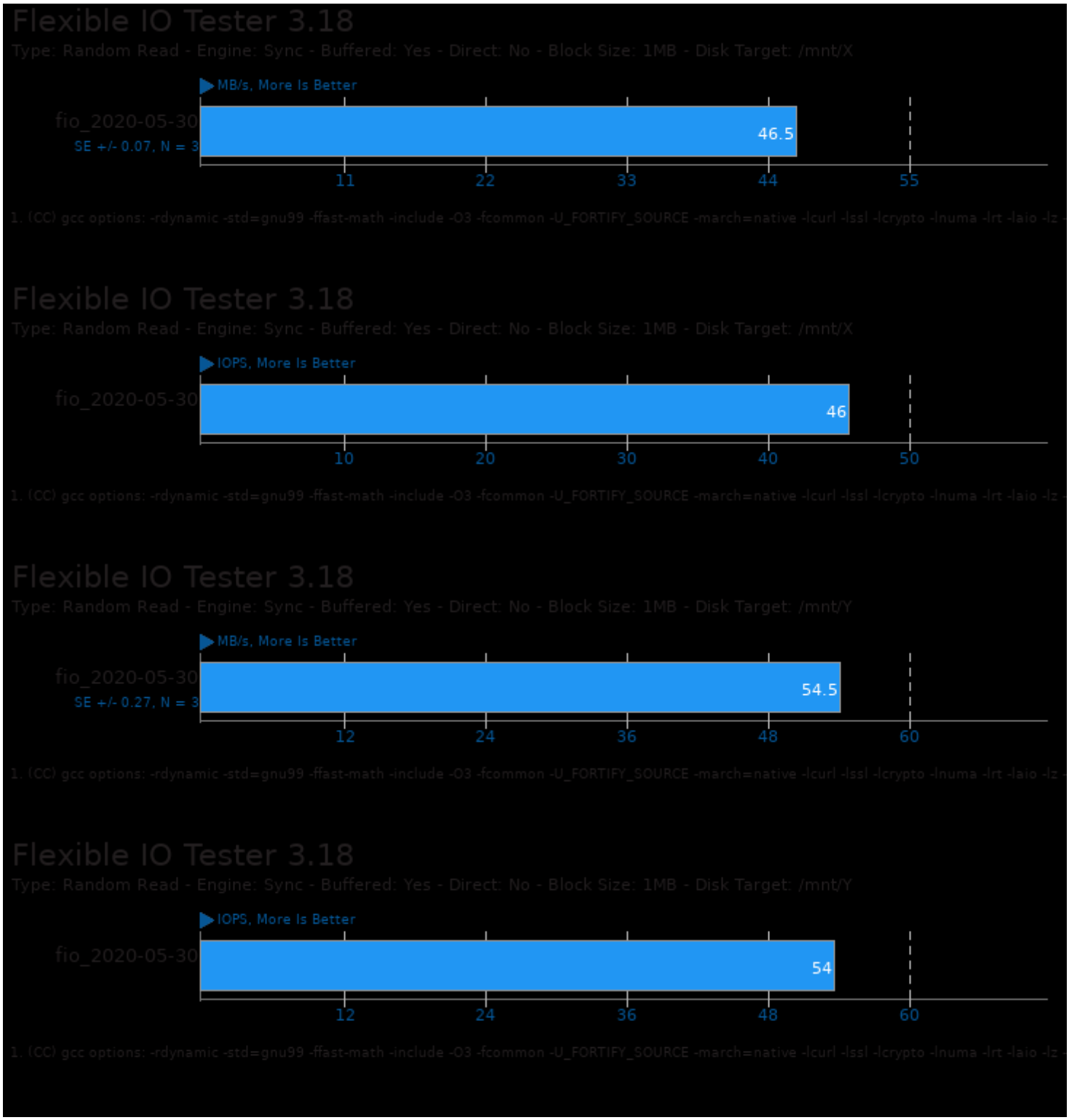

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.69, N = 12
75.2
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.42, N = 12
19
5
10
15
20
25
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.60, N = 12
73.4
16
32
48
64
80
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
18
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.623
0.1402
0.2804
0.4206
0.5608
0.701
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
1.051
0.2365
0.473
0.7095
0.946
1.1825
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
131
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

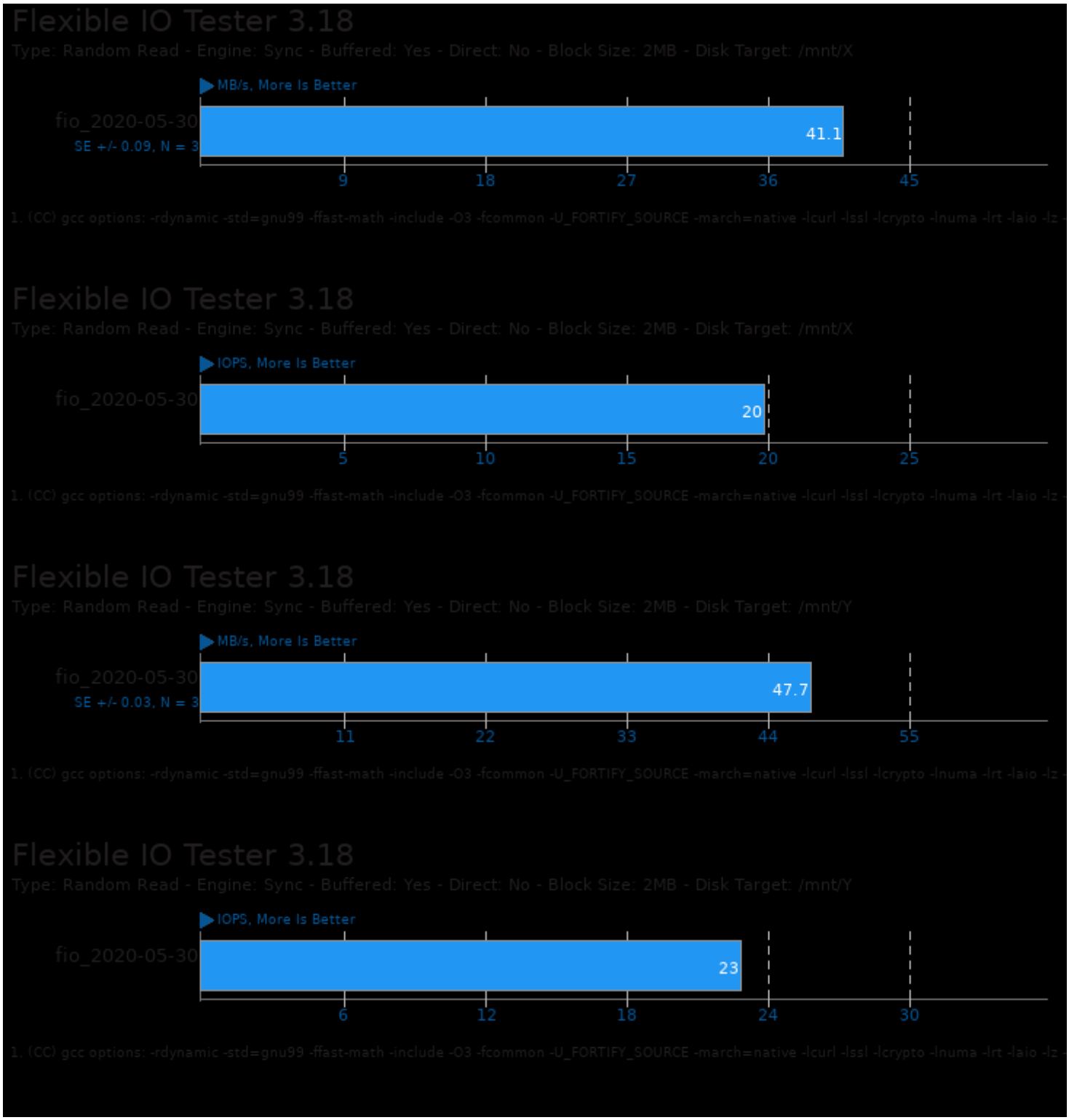
fio_2020-05-30

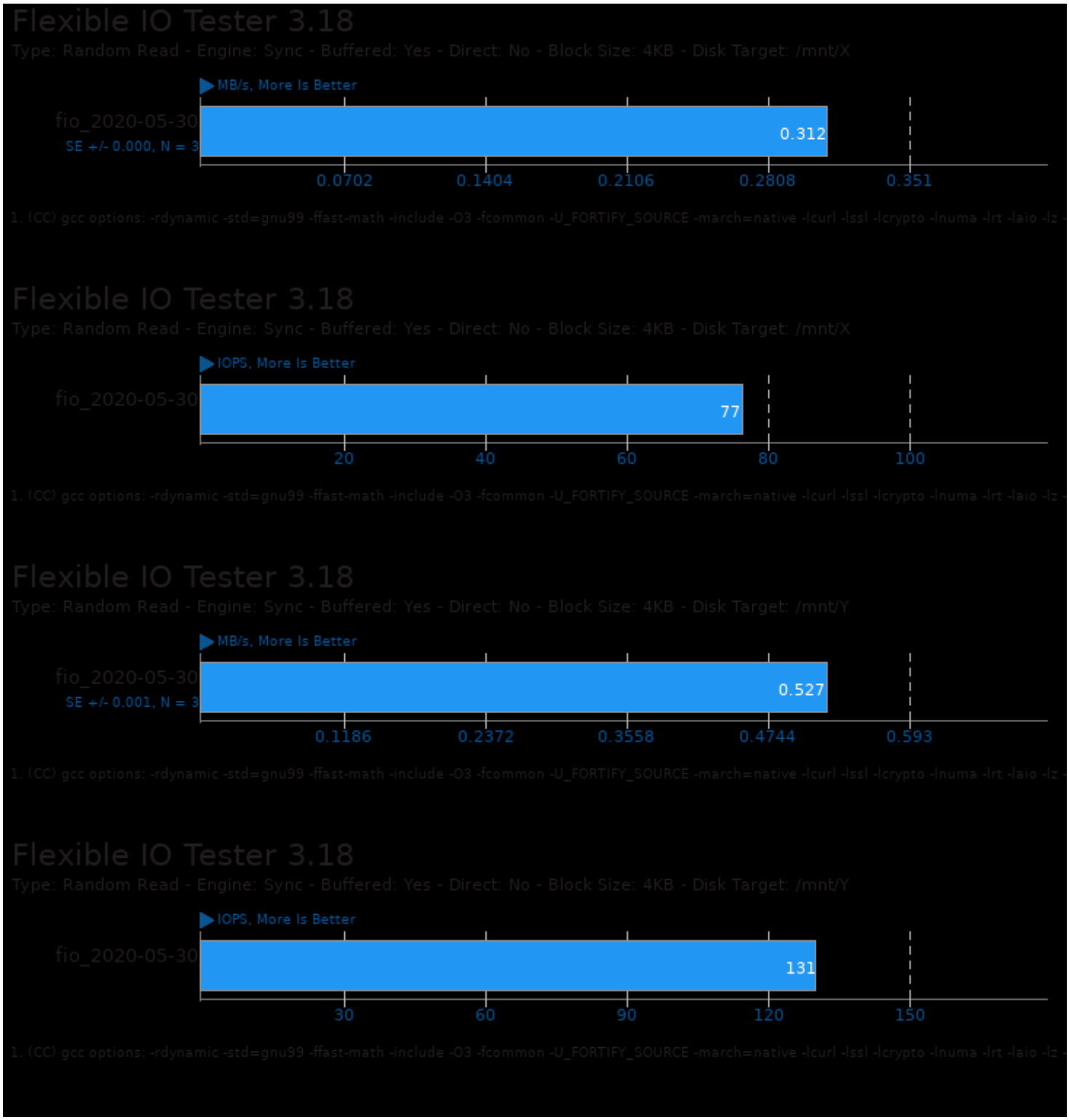


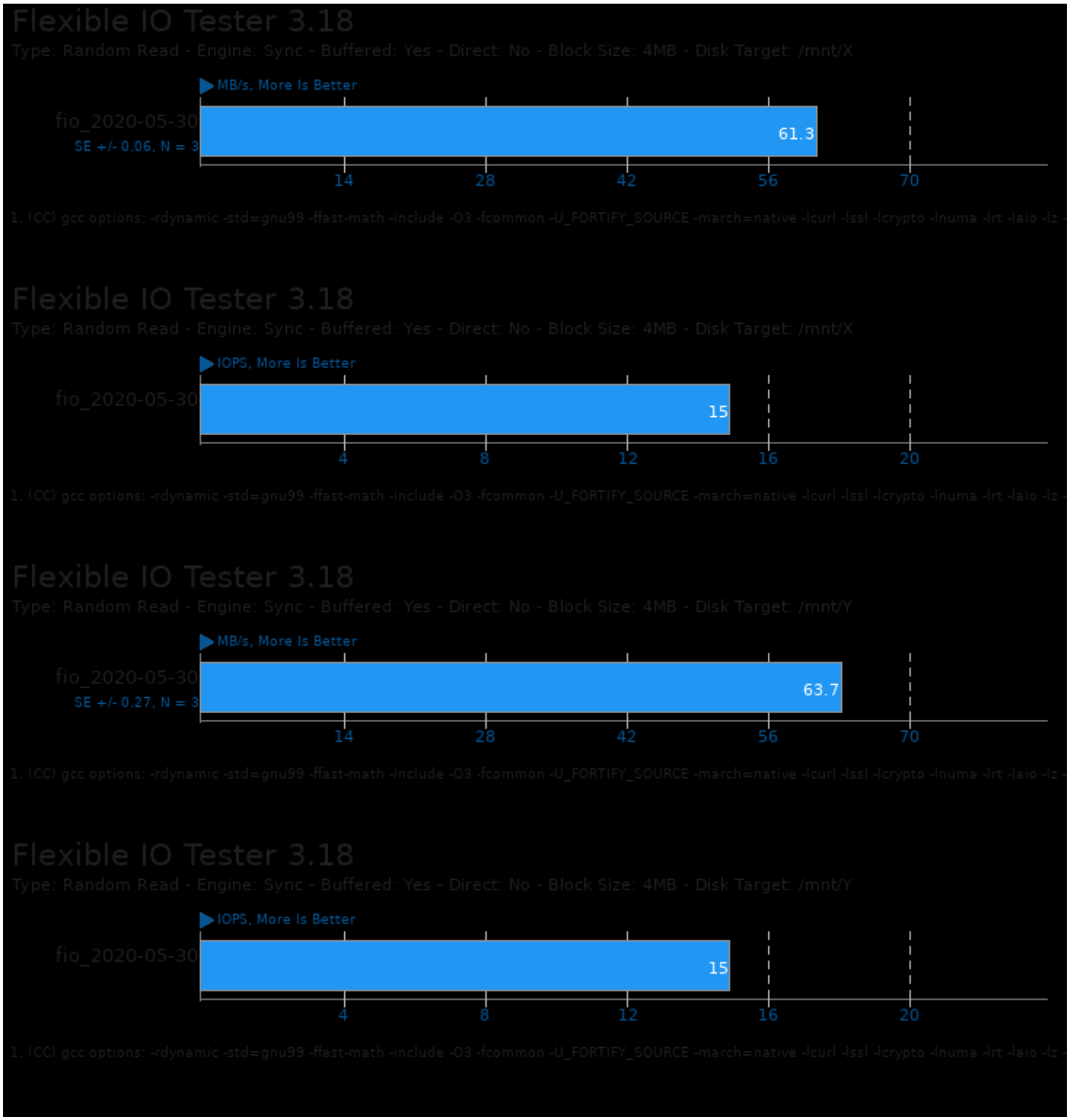
fio_2020-05-30

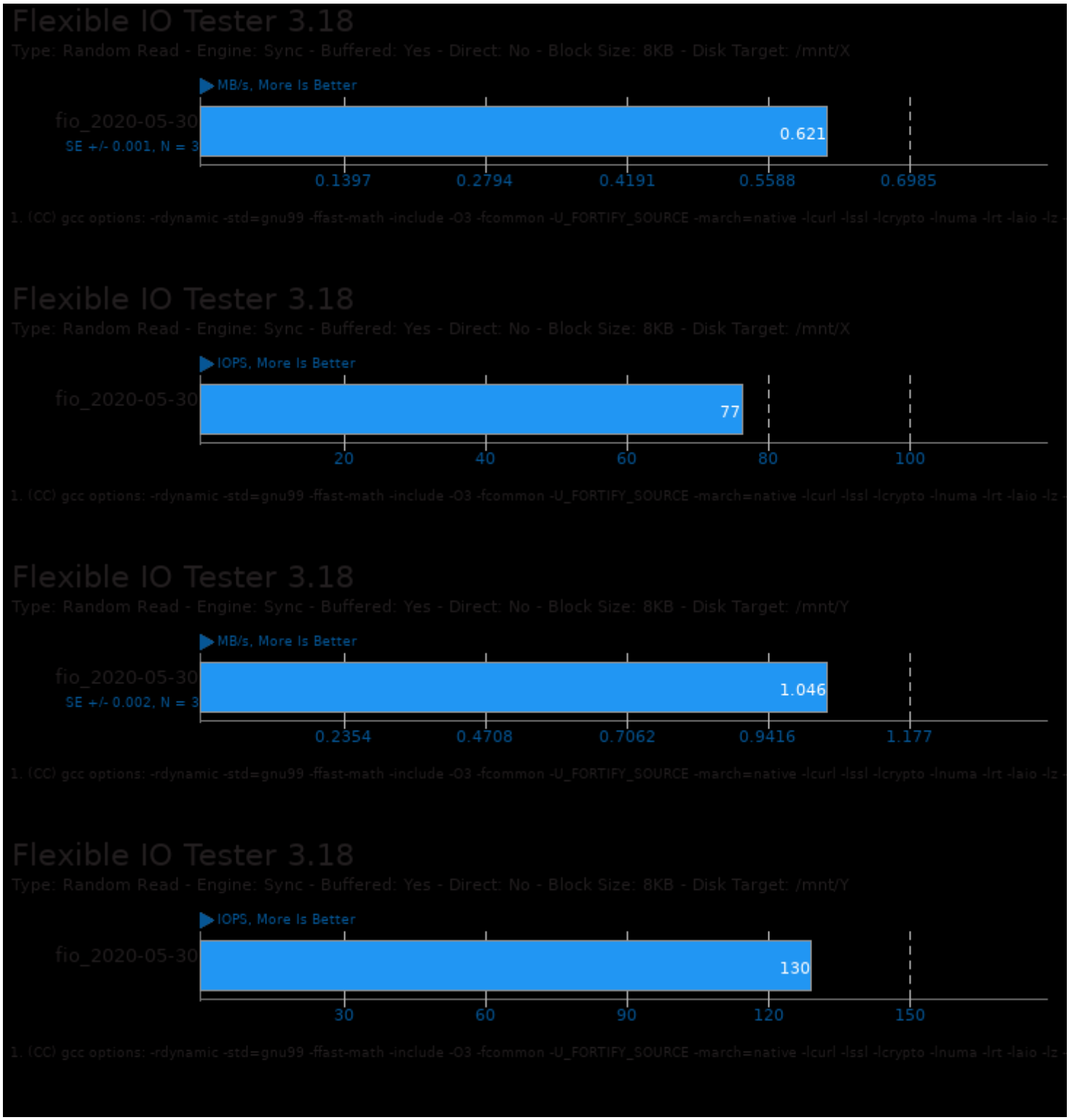


fio_2020-05-30

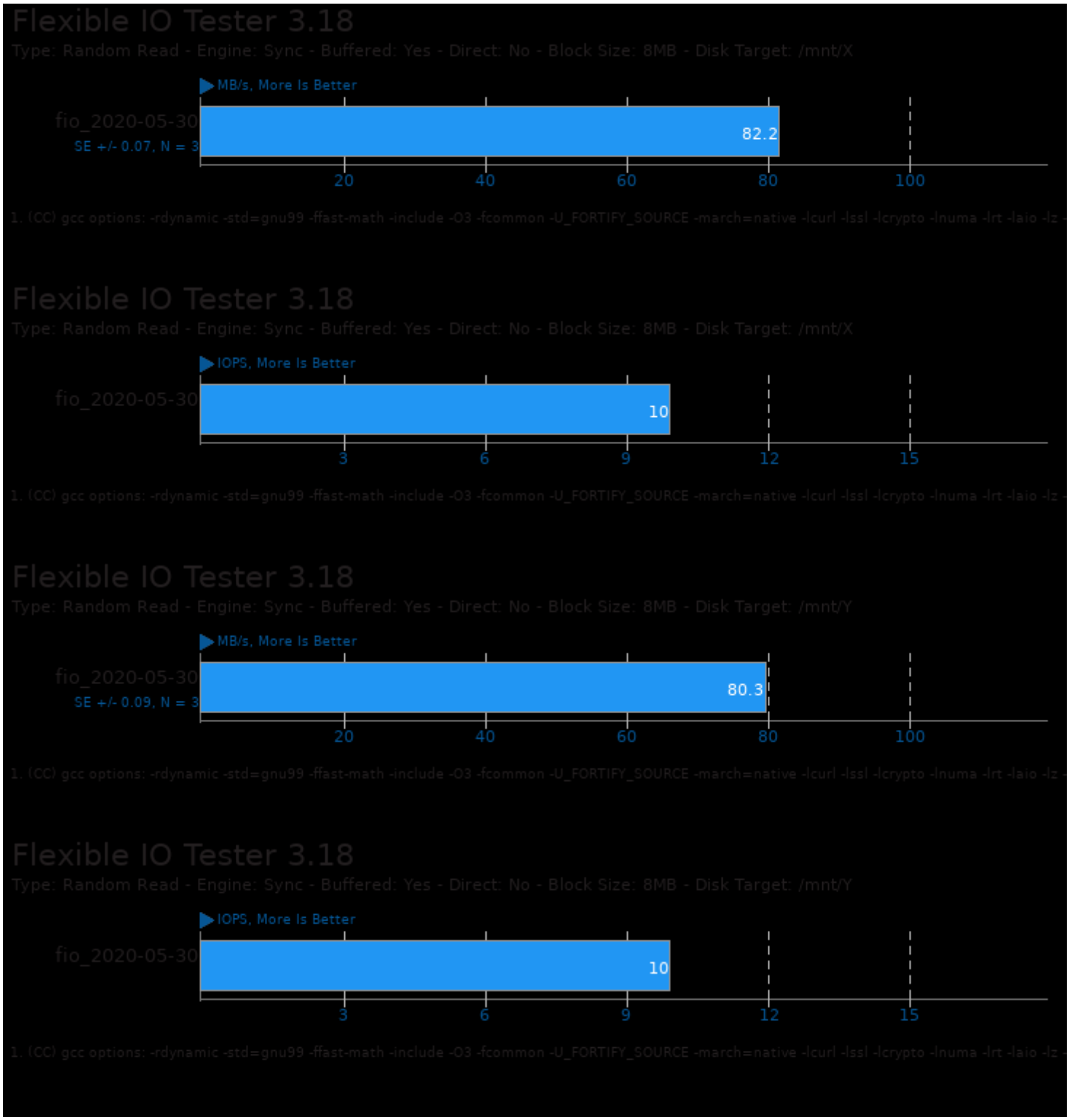


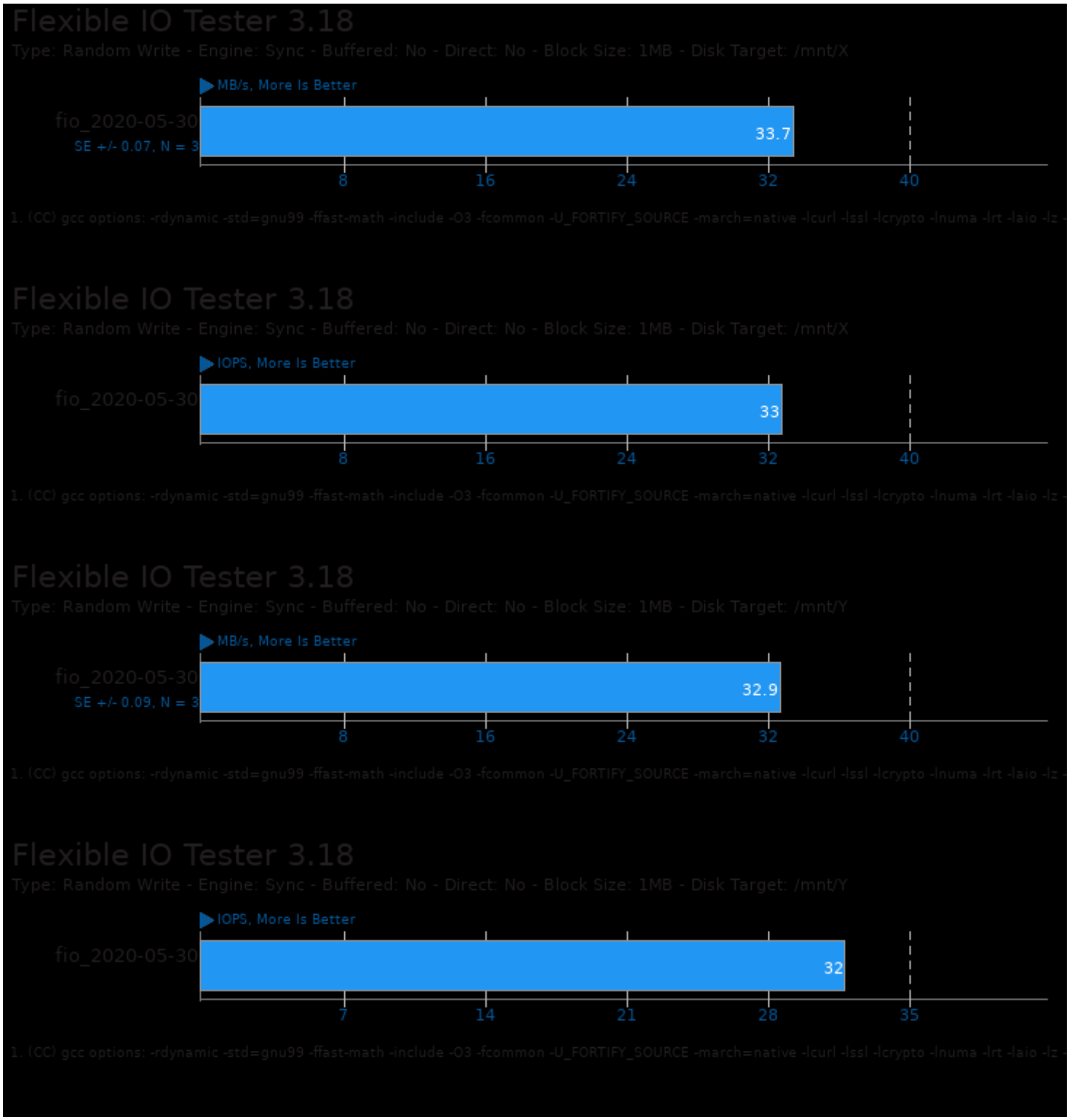

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.312
0.0702
0.1404
0.2106
0.2808
0.351
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.527
0.1186
0.2372
0.3558
0.4744
0.593
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
131
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.06, N = 3
61.3
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.27, N = 3
63.7
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

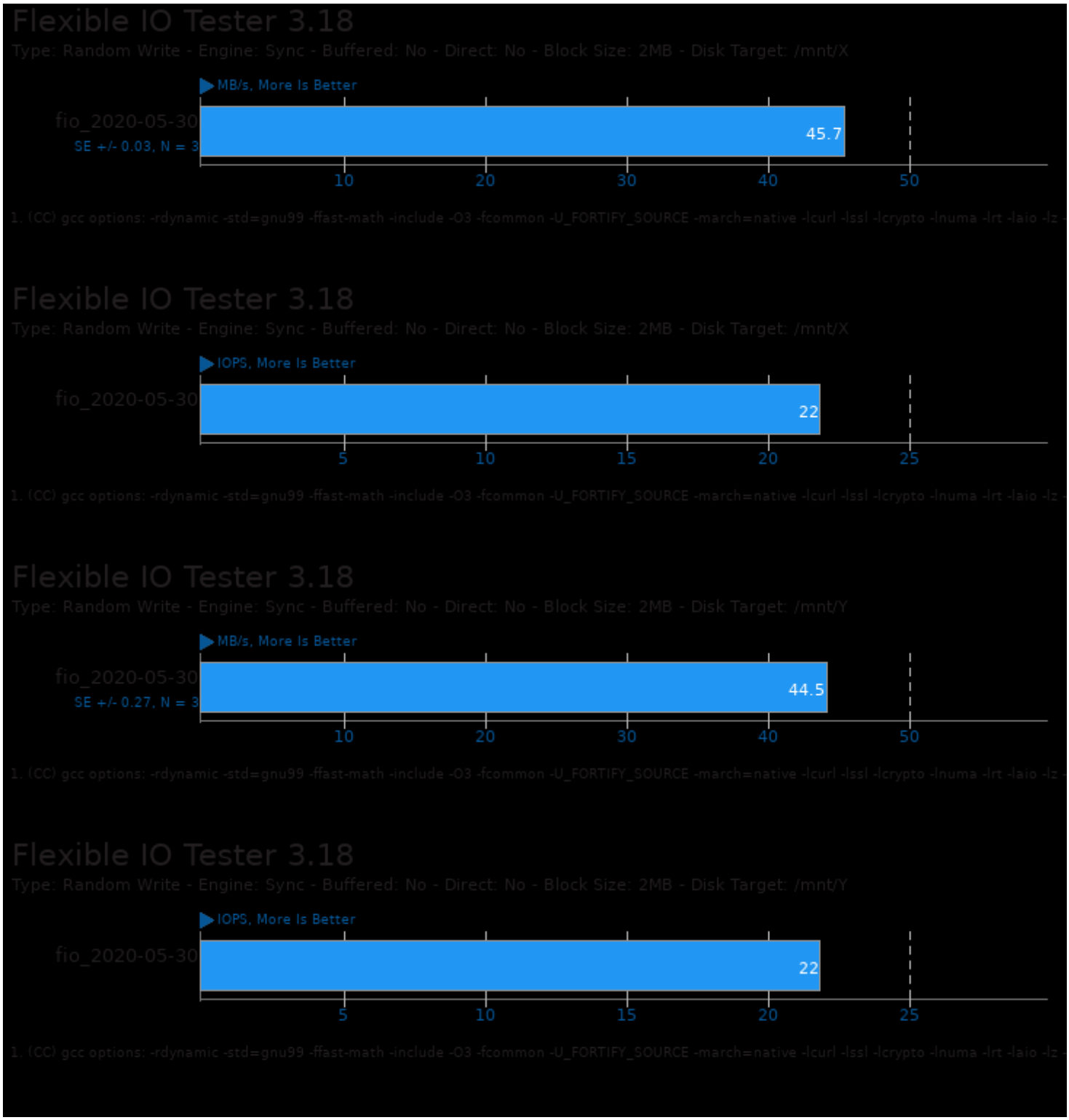

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.621
0.1397
0.2794
0.4191
0.5588
0.6985
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
1.046
0.2354
0.4708
0.7062
0.9416
1.177
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
130
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

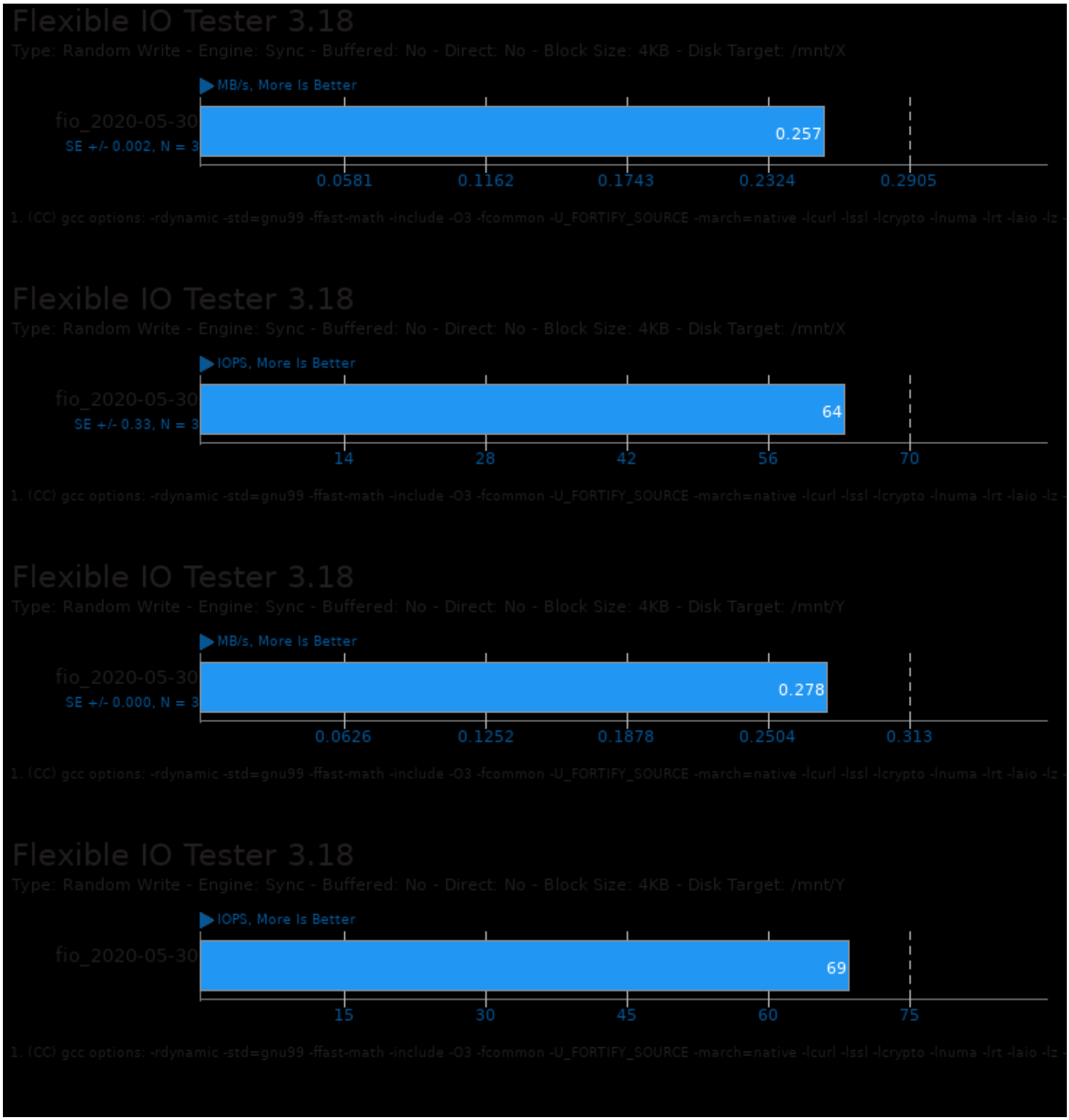
fio_2020-05-30



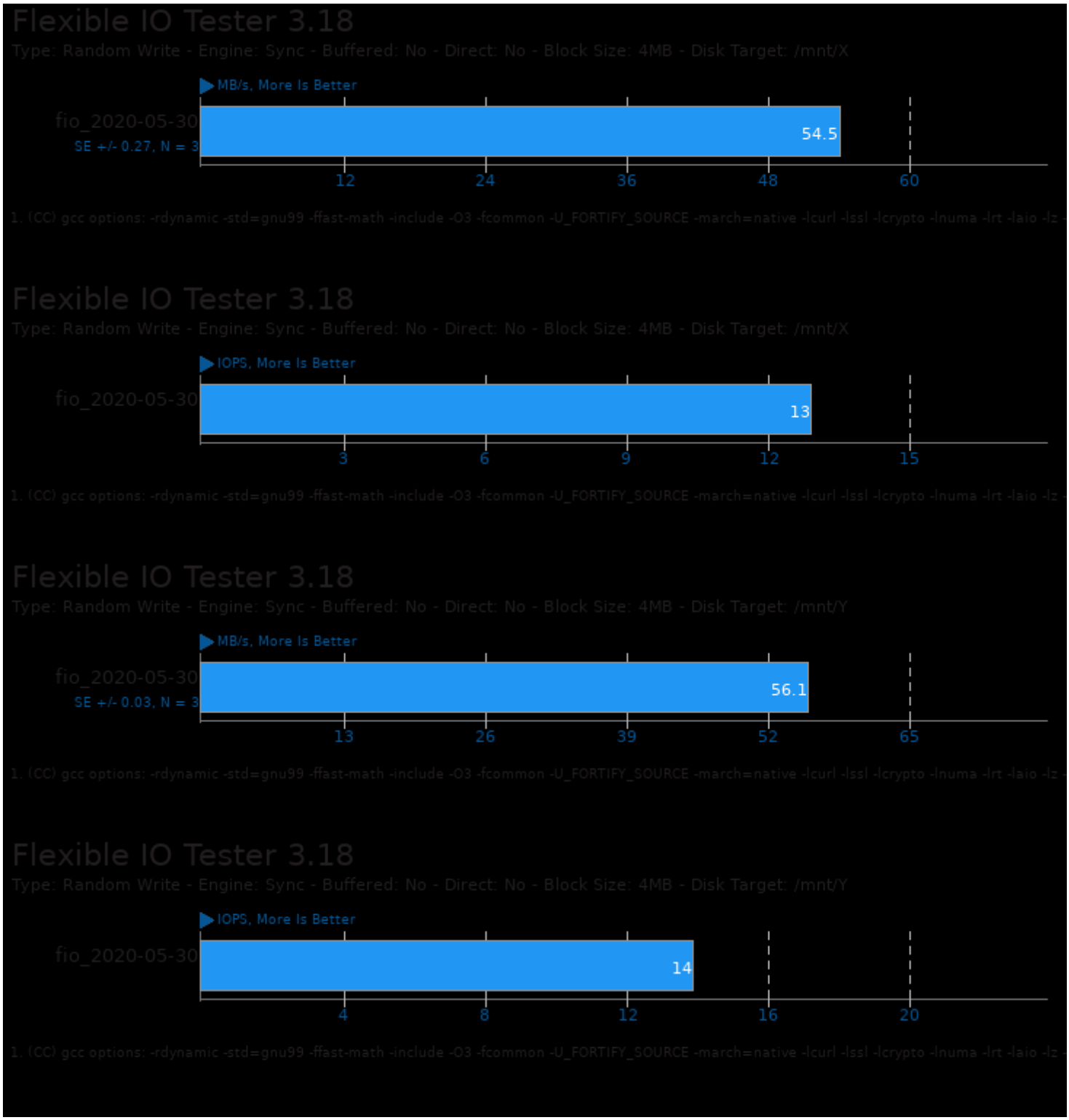

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.07, N = 3
33.7
8
16
24
32
40
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
33
8
16
24
32
40
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.09, N = 3
32.9
8
16
24
32
40
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 1MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
32
7
14
21
28
35
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

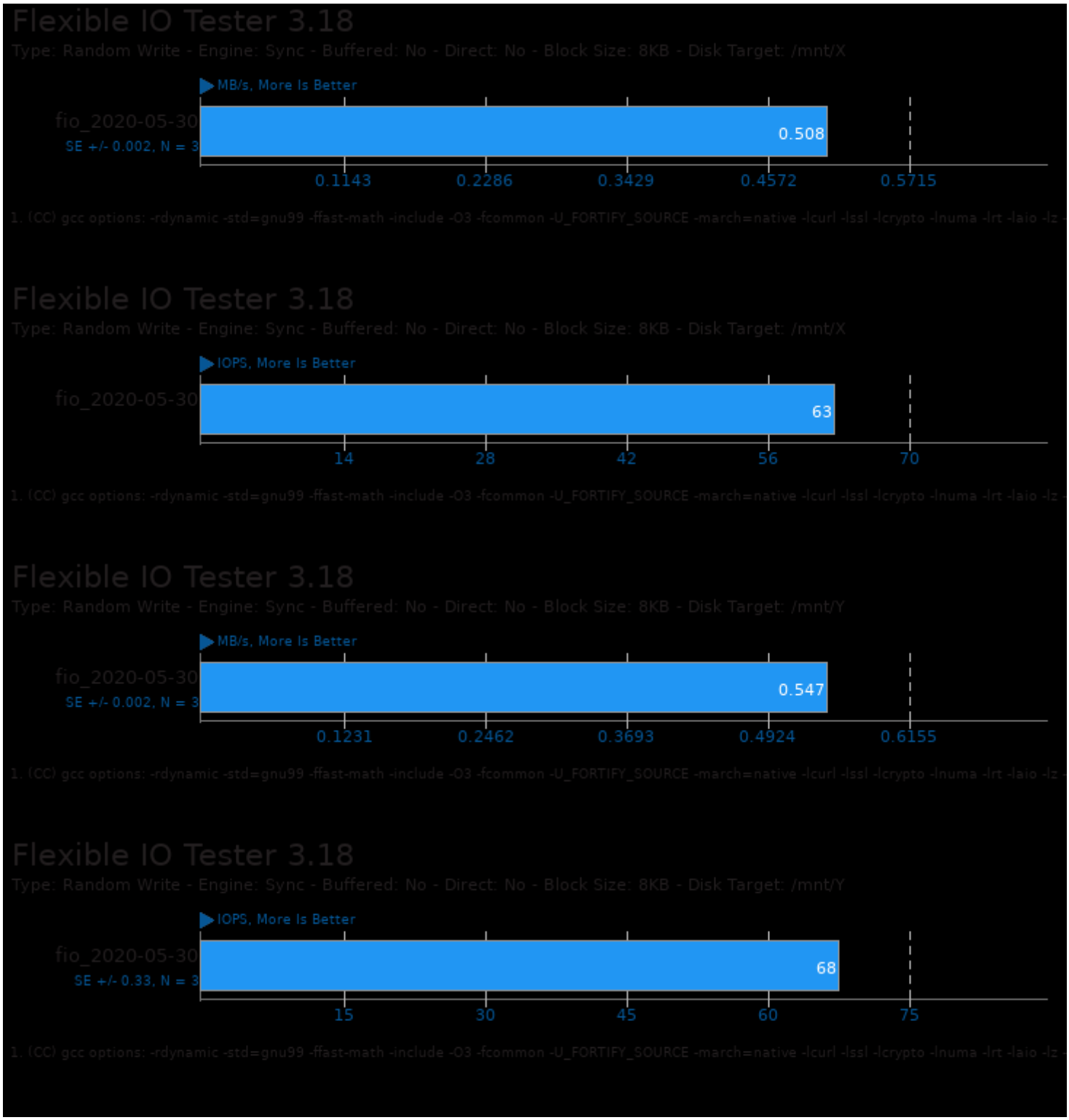
fio_2020-05-30

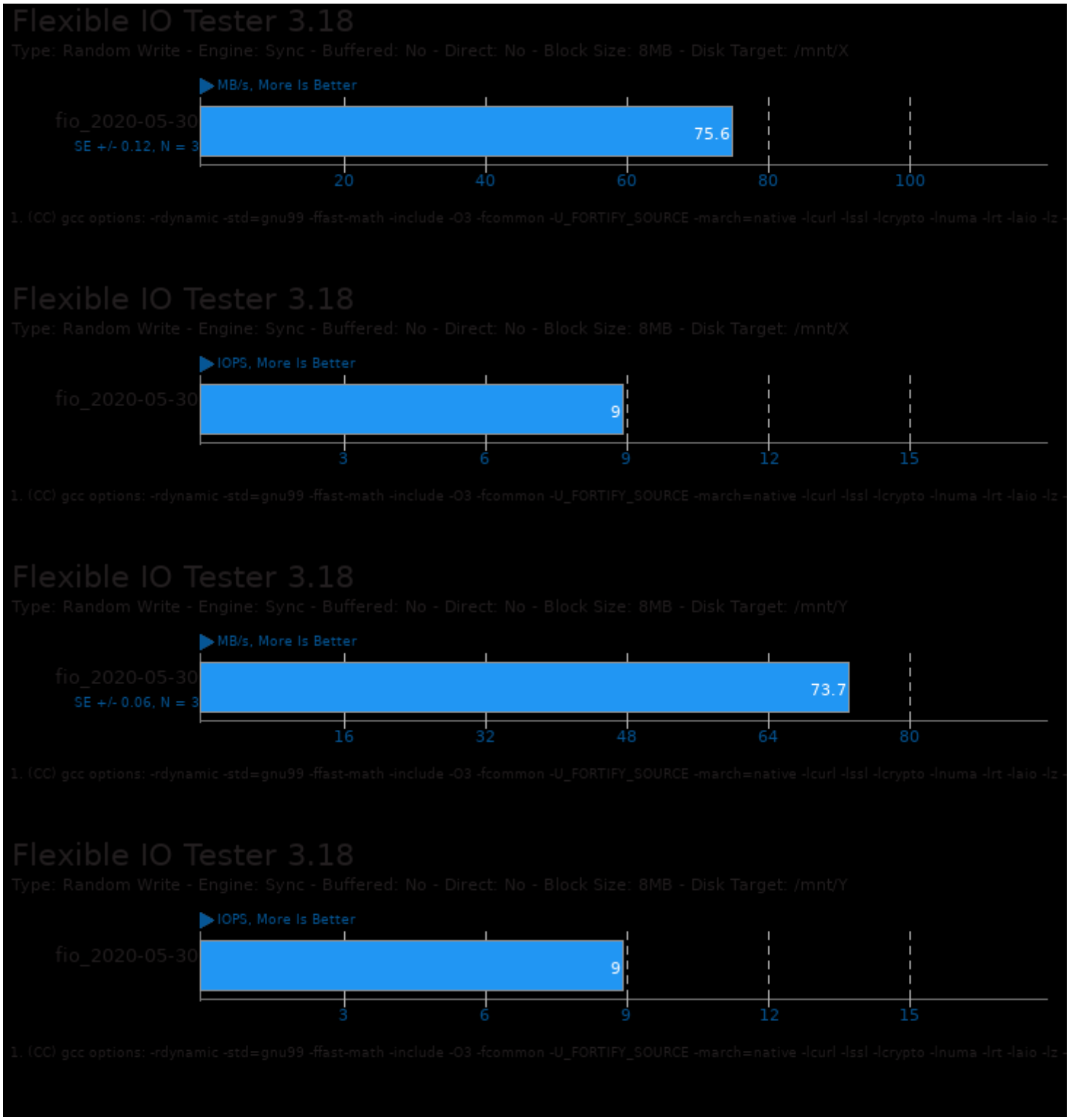


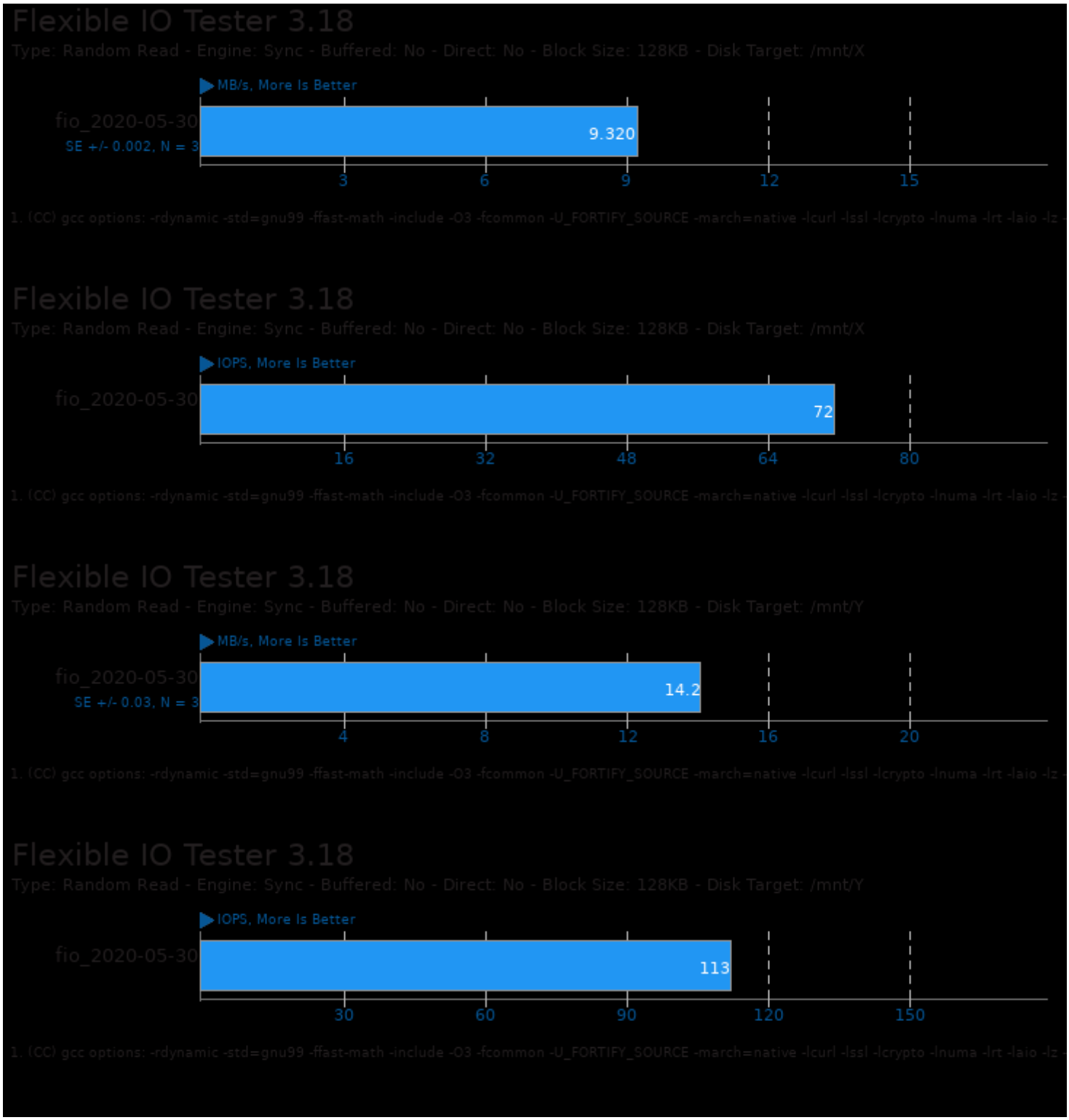

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.257
0.0581
0.1162
0.1743
0.2324
0.2905
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
64
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.278
0.0626
0.1252
0.1878
0.2504
0.313
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
69
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

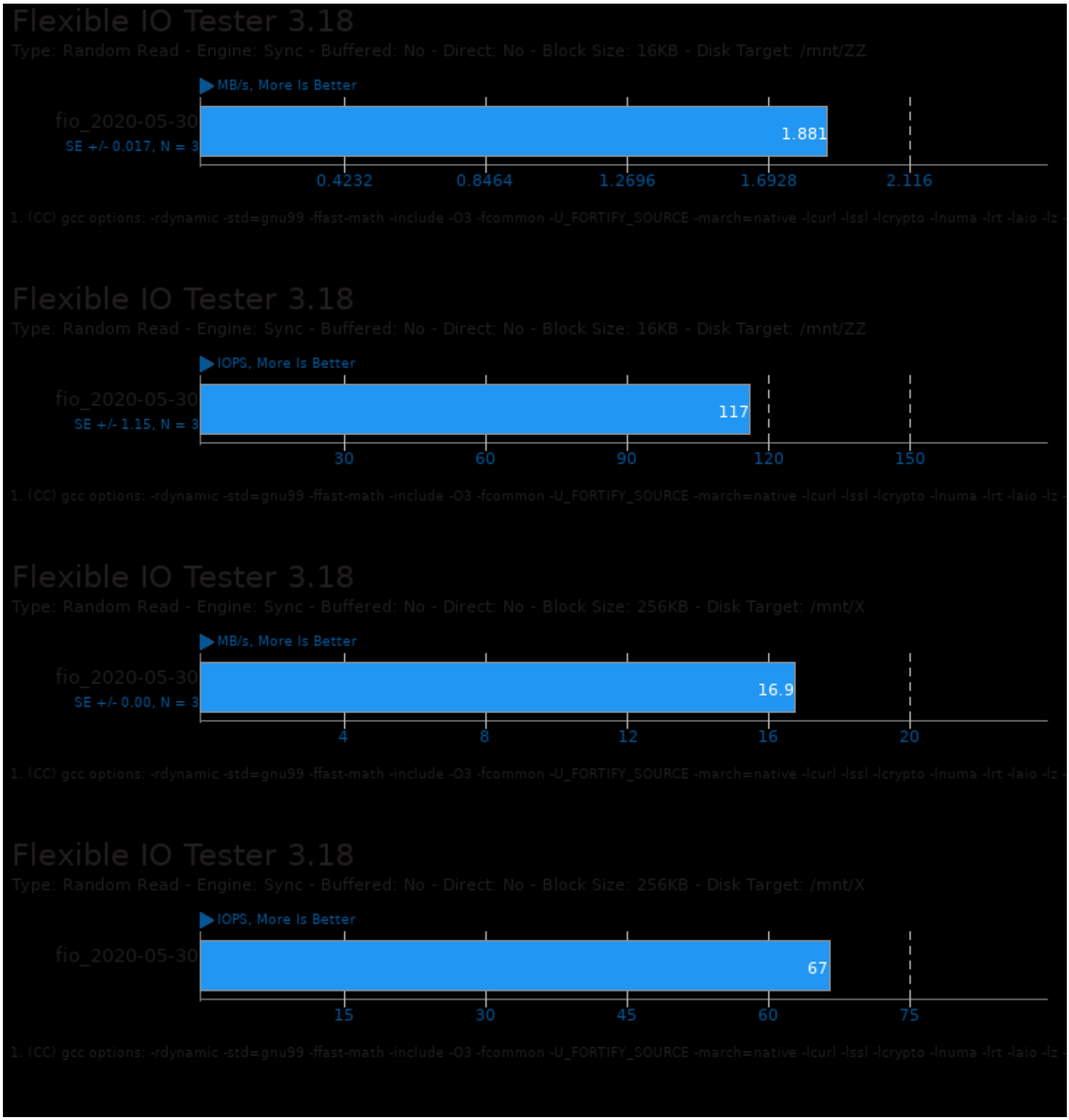
fio_2020-05-30

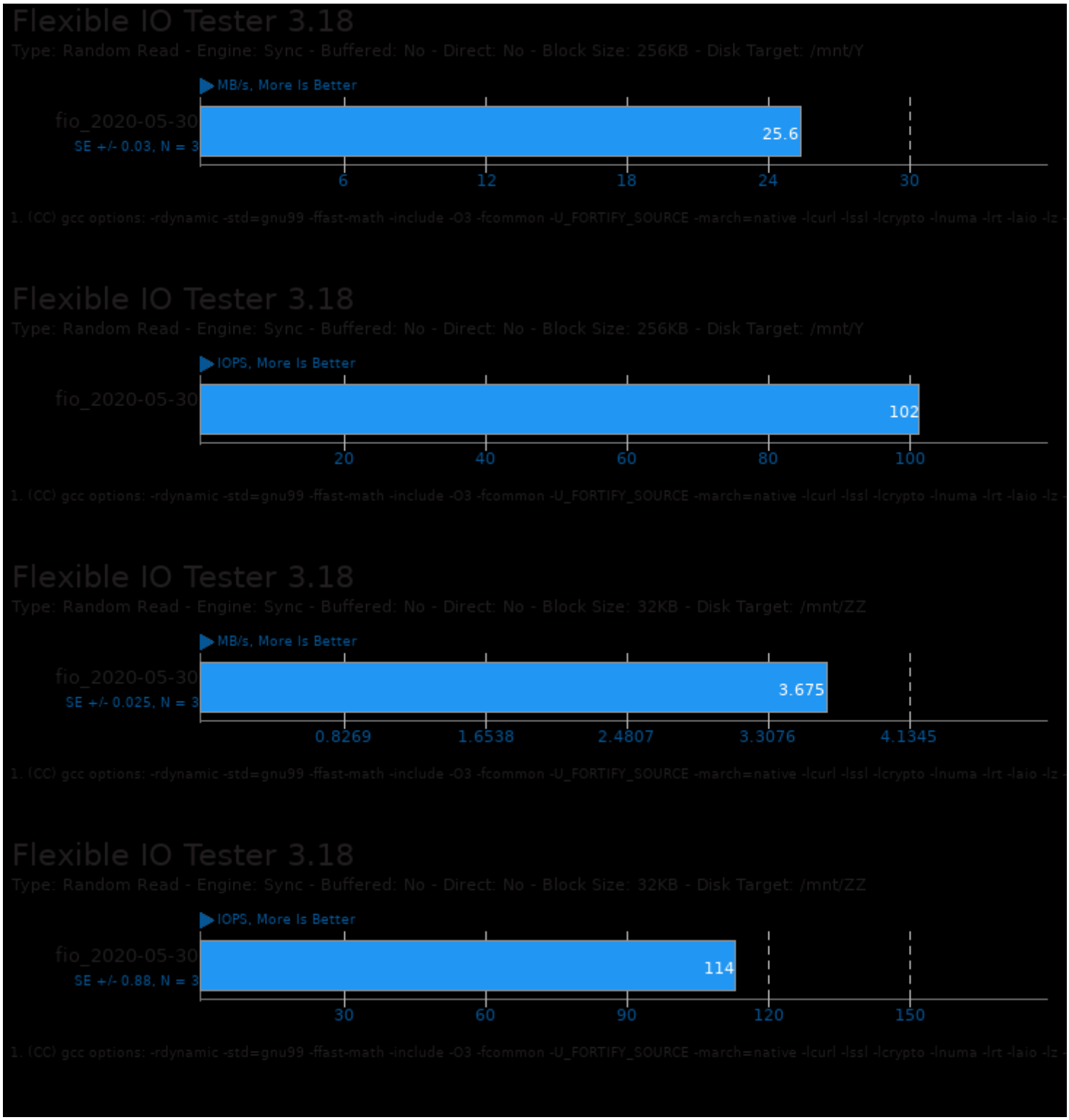


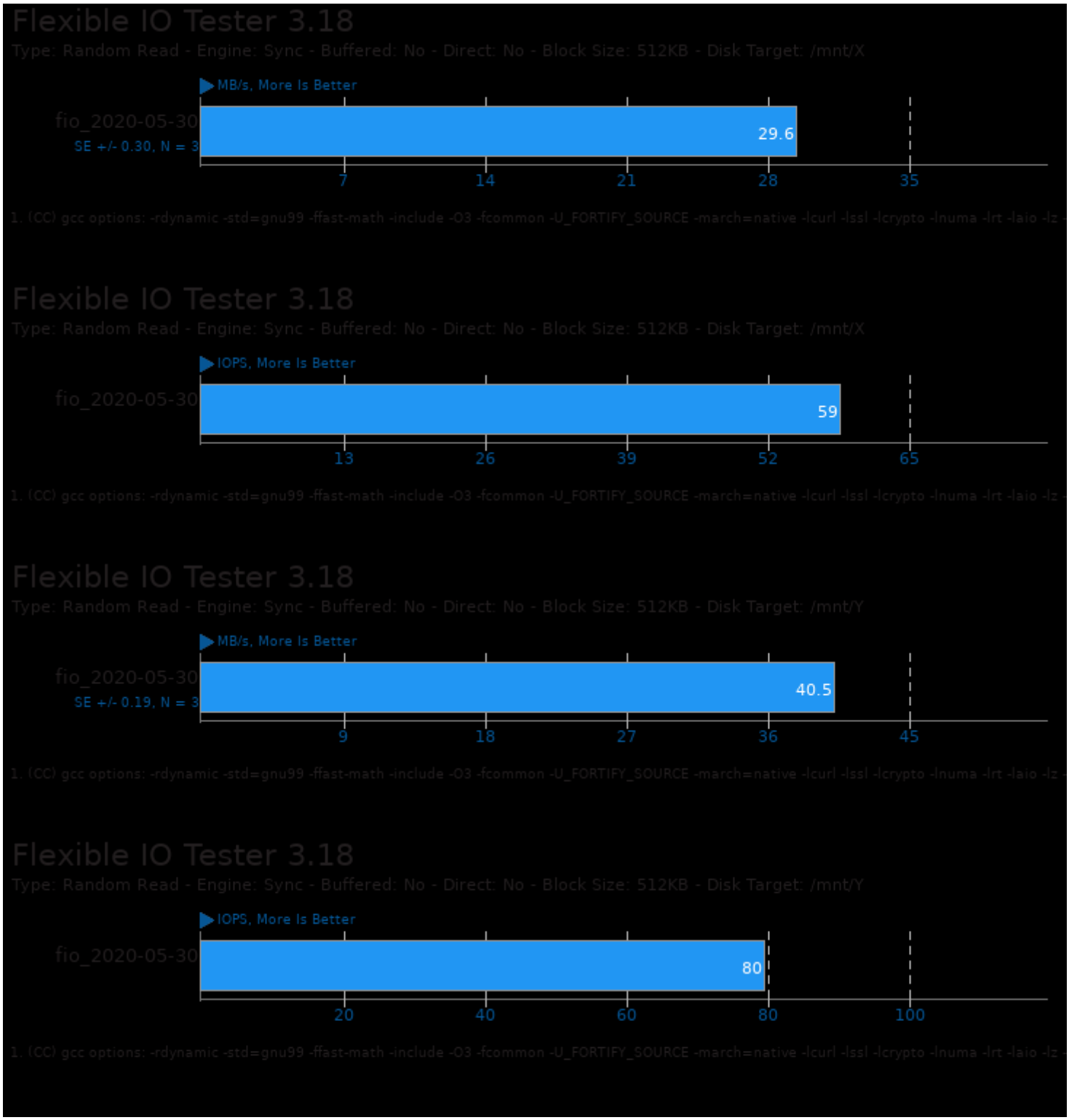

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.508
0.1143
0.2286
0.3429
0.4572
0.5715
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.547
0.1231
0.2462
0.3693
0.4924
0.6155
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
68
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.12, N = 3
75.6
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
9
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.06, N = 3
73.7
16
32
48
64
80
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
9
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

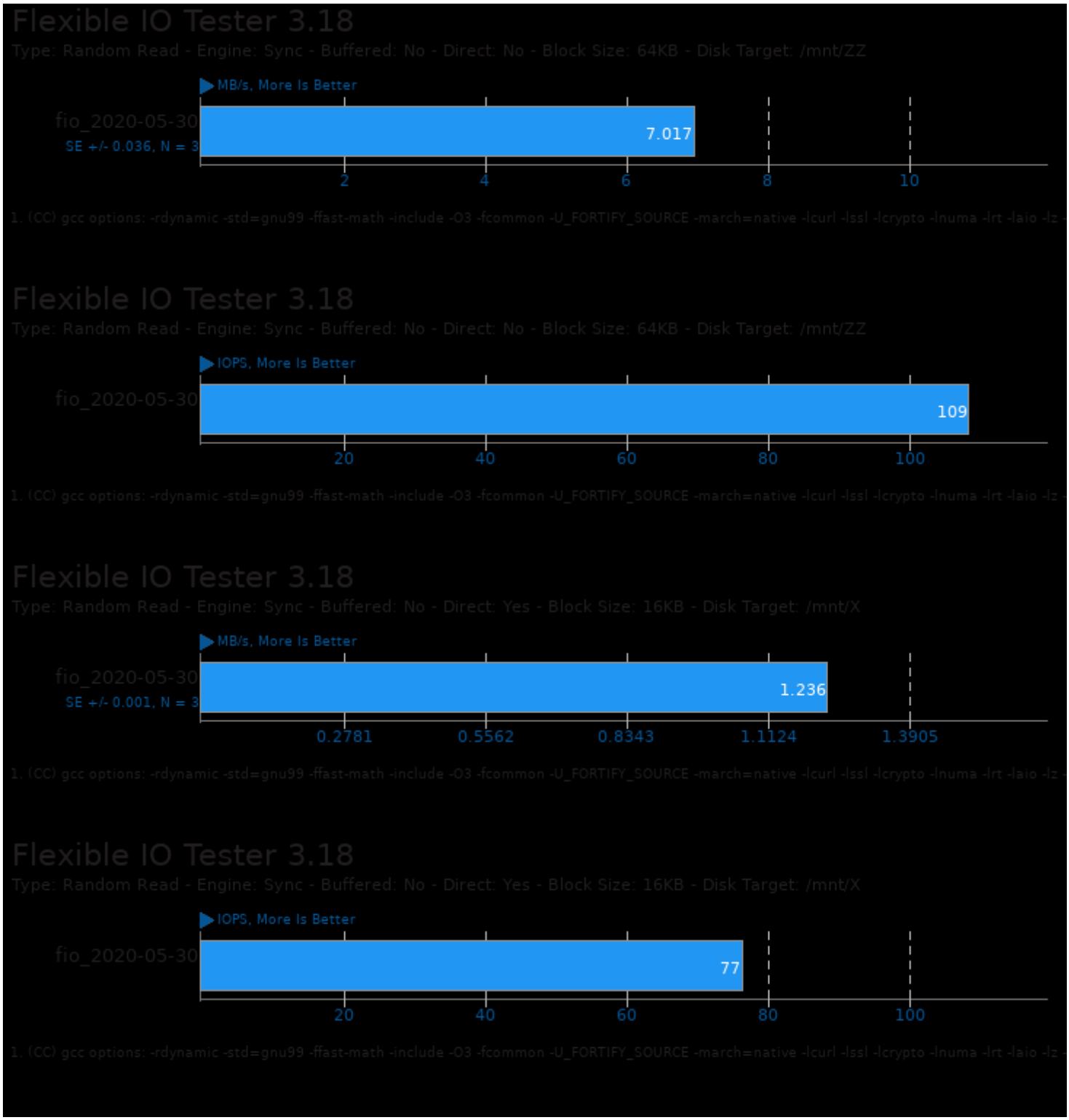

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
9.320
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
72
16
32
48
64
80
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.03, N = 3
14.2
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
113
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

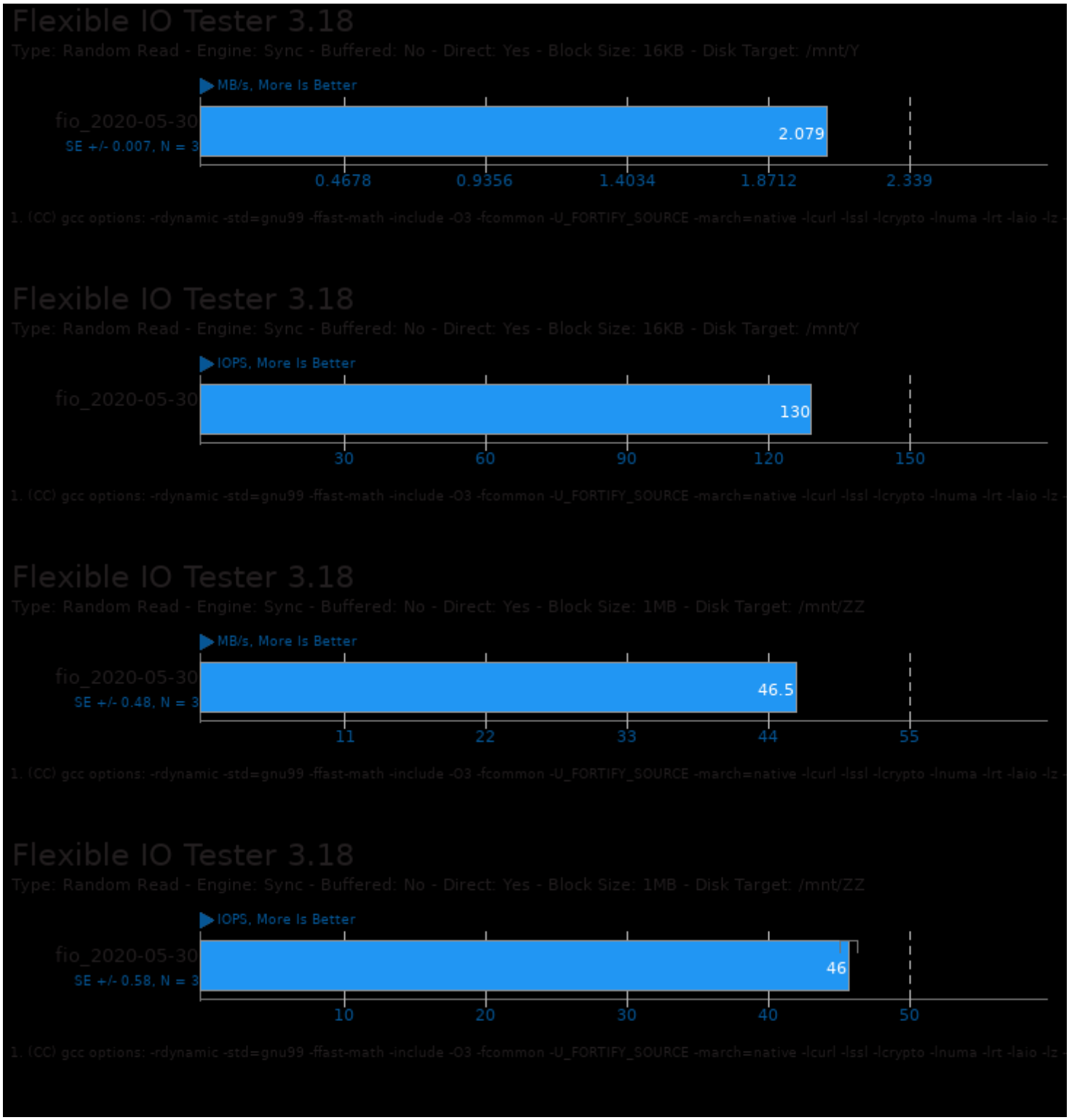

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.017, N = 3
1.881
0.4232
0.8464
1.2696
1.6928
2.116
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 1.15, N = 3
117
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.00, N = 3
16.9
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
67
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.03, N = 3
25.6
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
102
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.025, N = 3
3.675
0.8269
1.6538
2.4807
3.3076
4.1345
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.88, N = 3
114
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

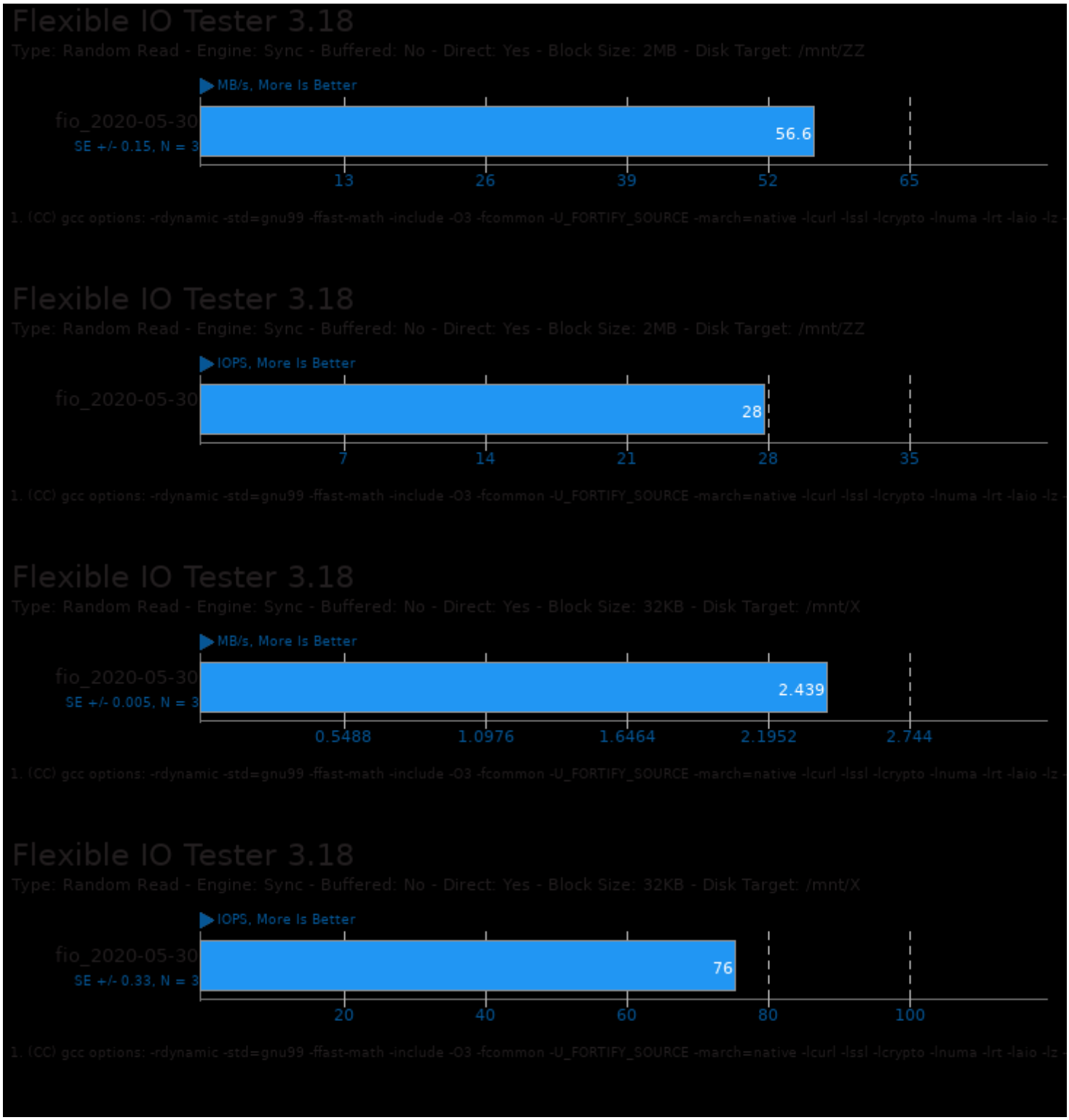

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 512KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.30, N = 3
29.6
7
14
21
28
35
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 512KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
59
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 512KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.19, N = 3
40.5
9
18
27
36
45
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 512KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
80
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

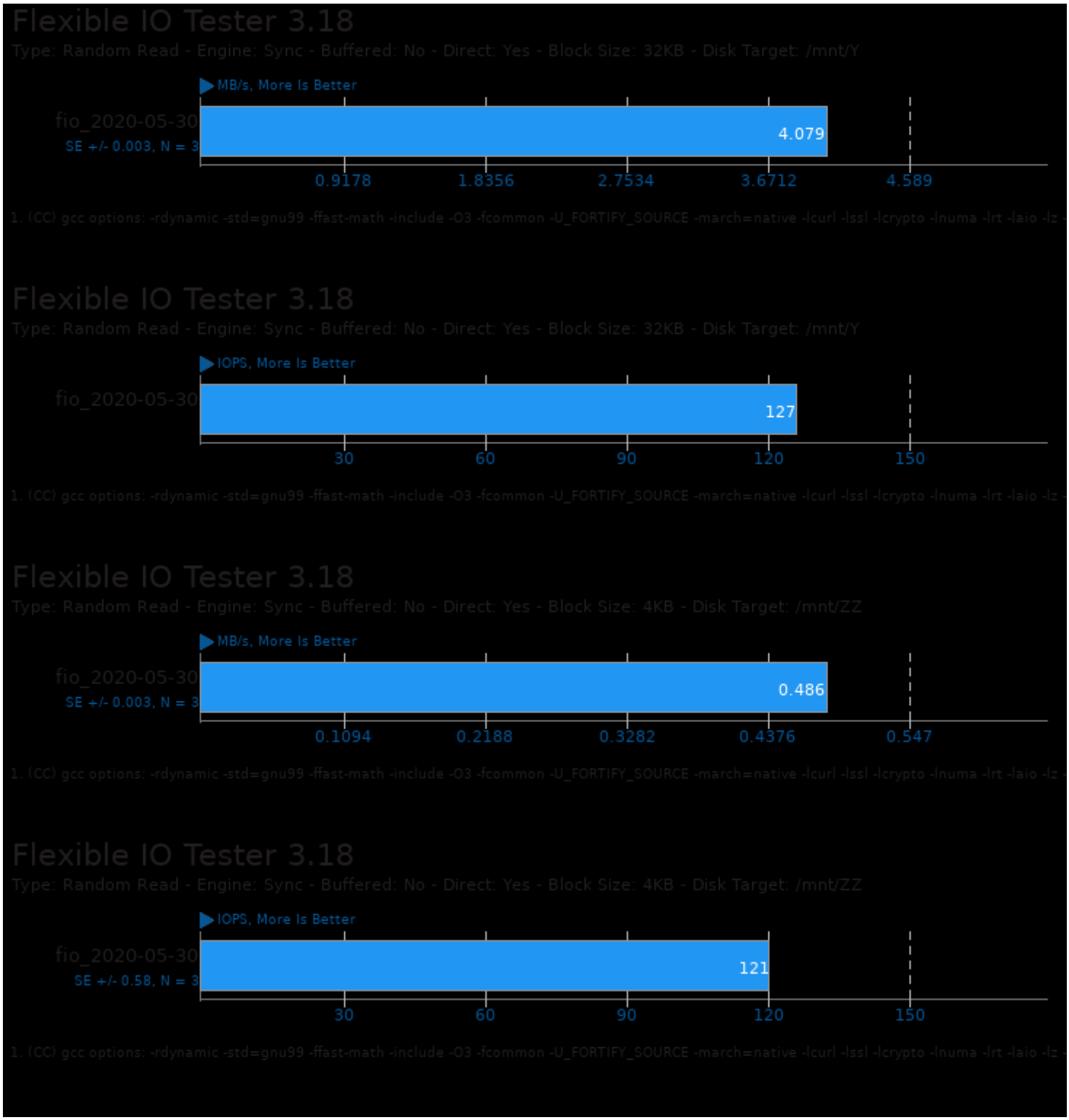
fio_2020-05-30

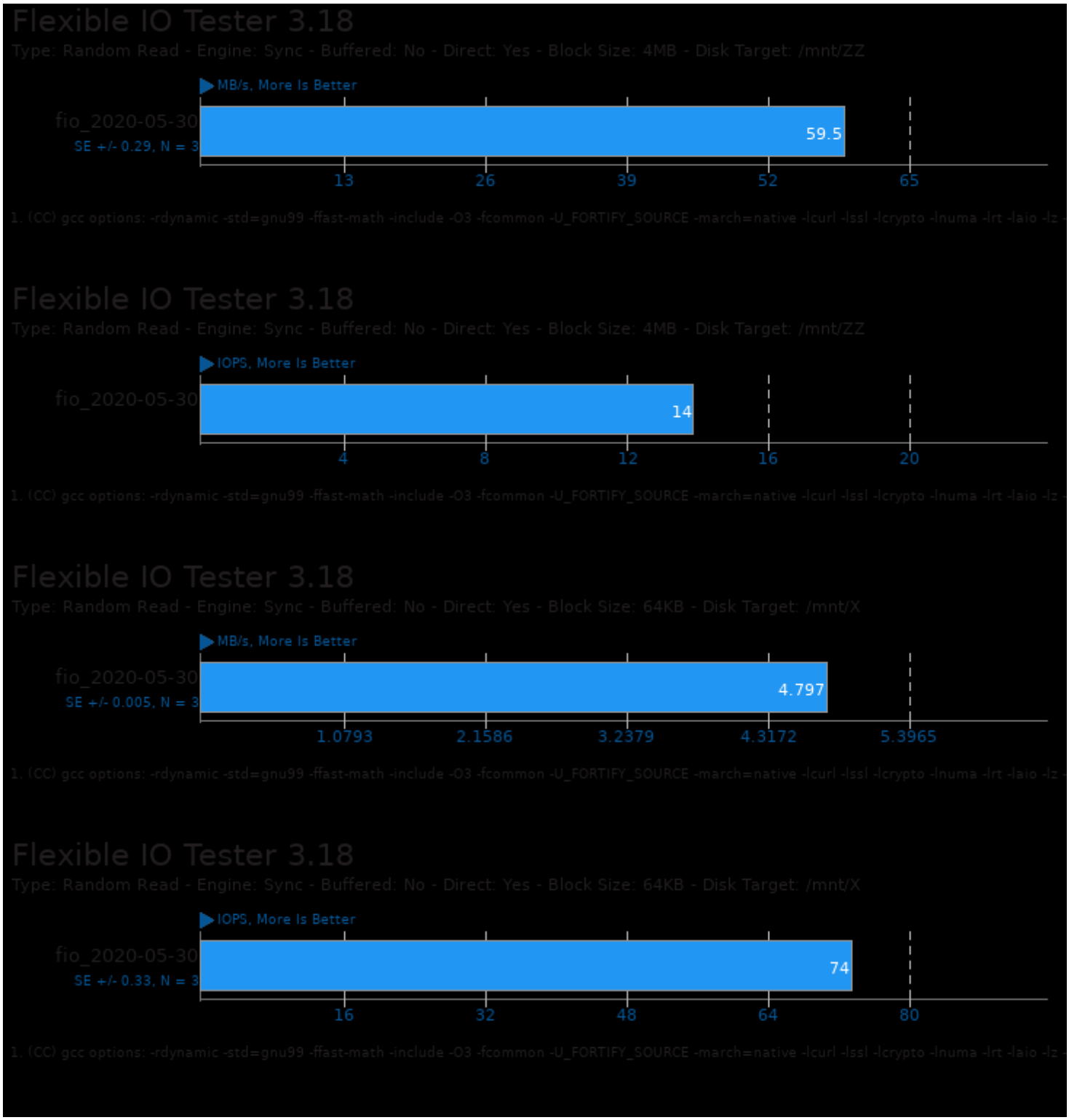



Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.007, N = 3
2.079
0.4678
0.9356
1.4034
1.8712
2.339
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
130
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.48, N = 3
46.5
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.58, N = 3
46
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

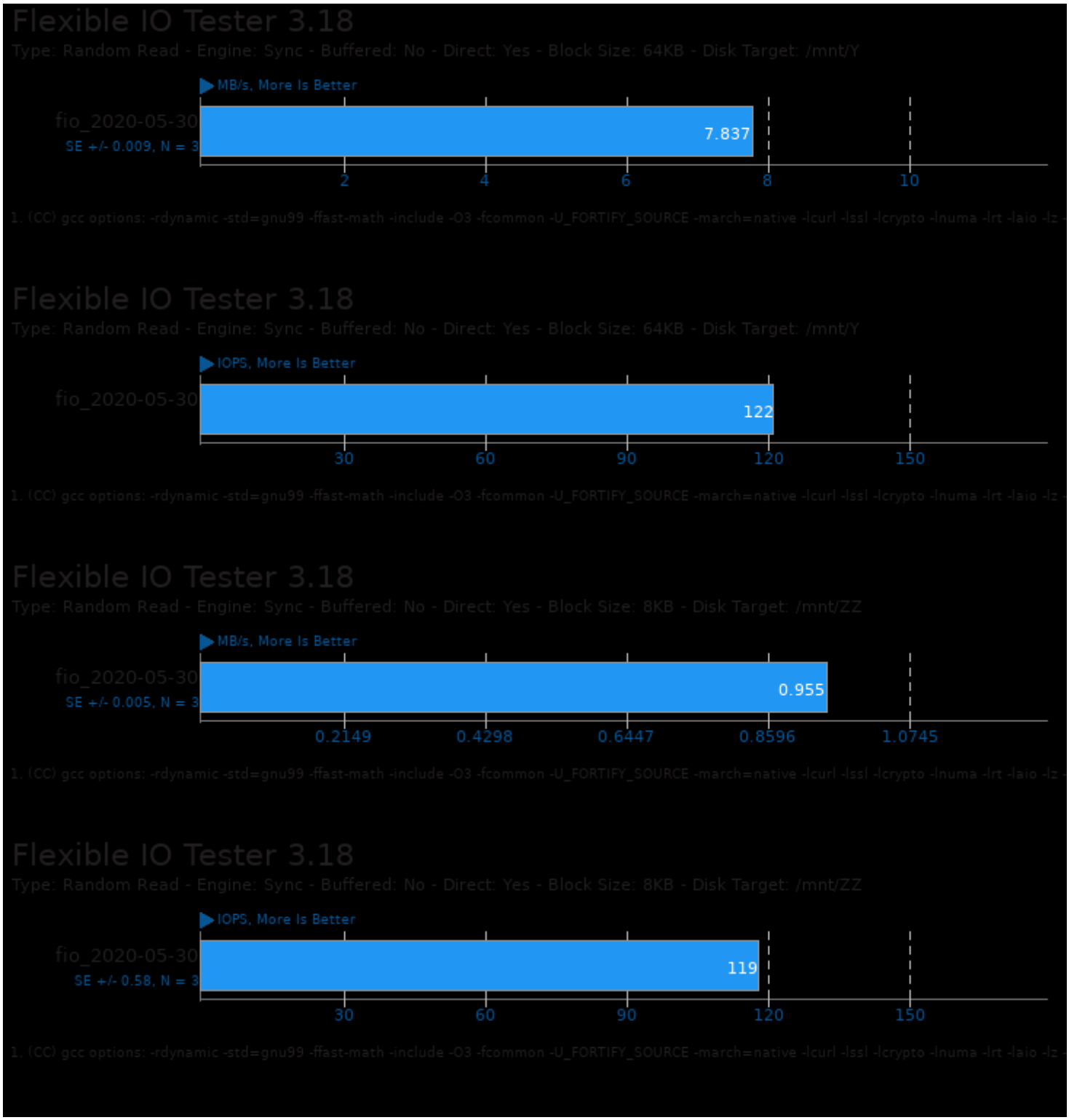
fio_2020-05-30



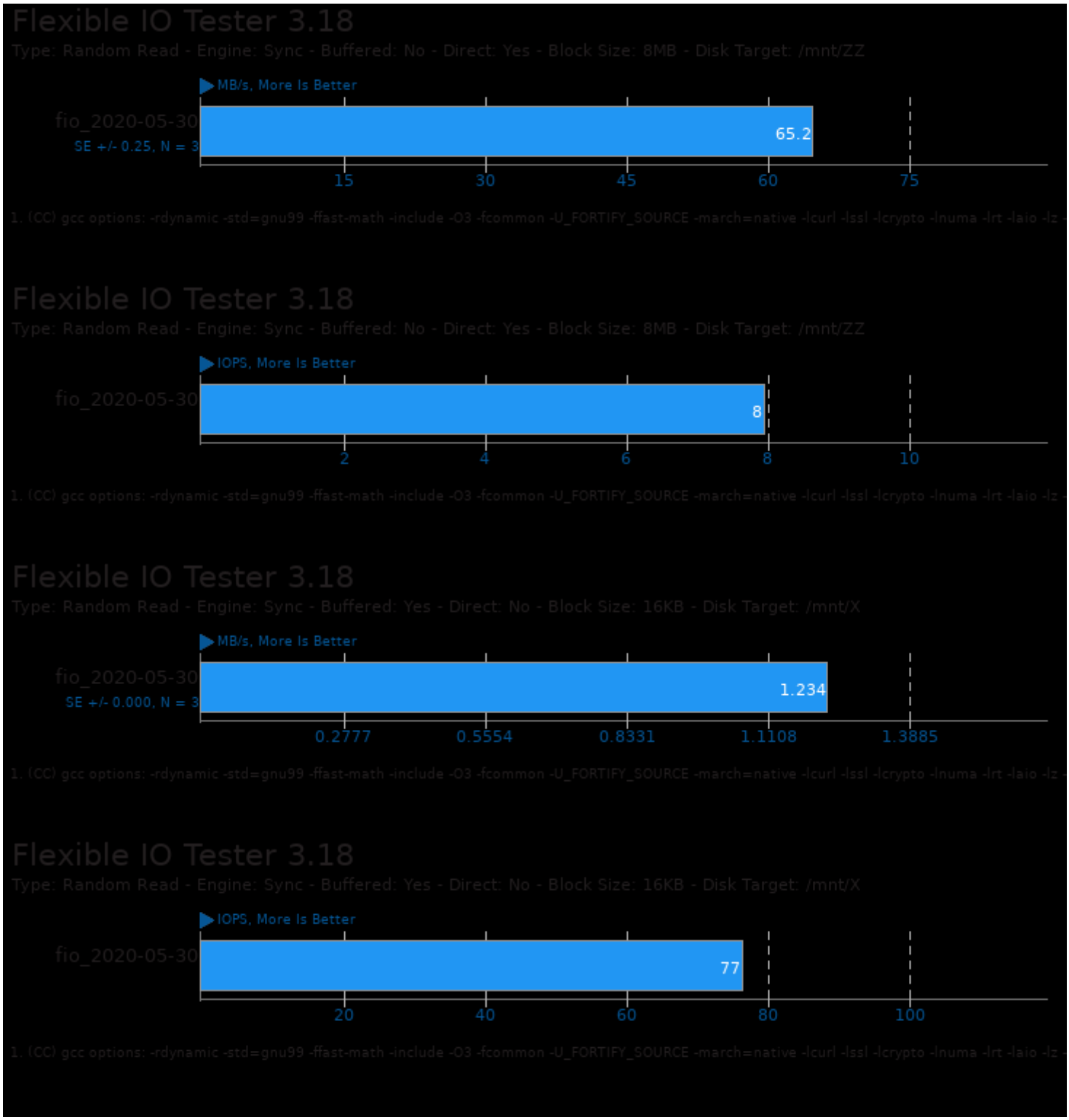

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.003, N = 3
4.079
0.9178
1.8356
2.7534
3.6712
4.589
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
127
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.003, N = 3
0.486
0.1094
0.2188
0.3282
0.4376
0.547
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.58, N = 3
121
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.29, N = 3
59.5
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
14
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.005, N = 3
4.797
1.0793
2.1586
3.2379
4.3172
5.3965
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
74
16
32
48
64
80
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

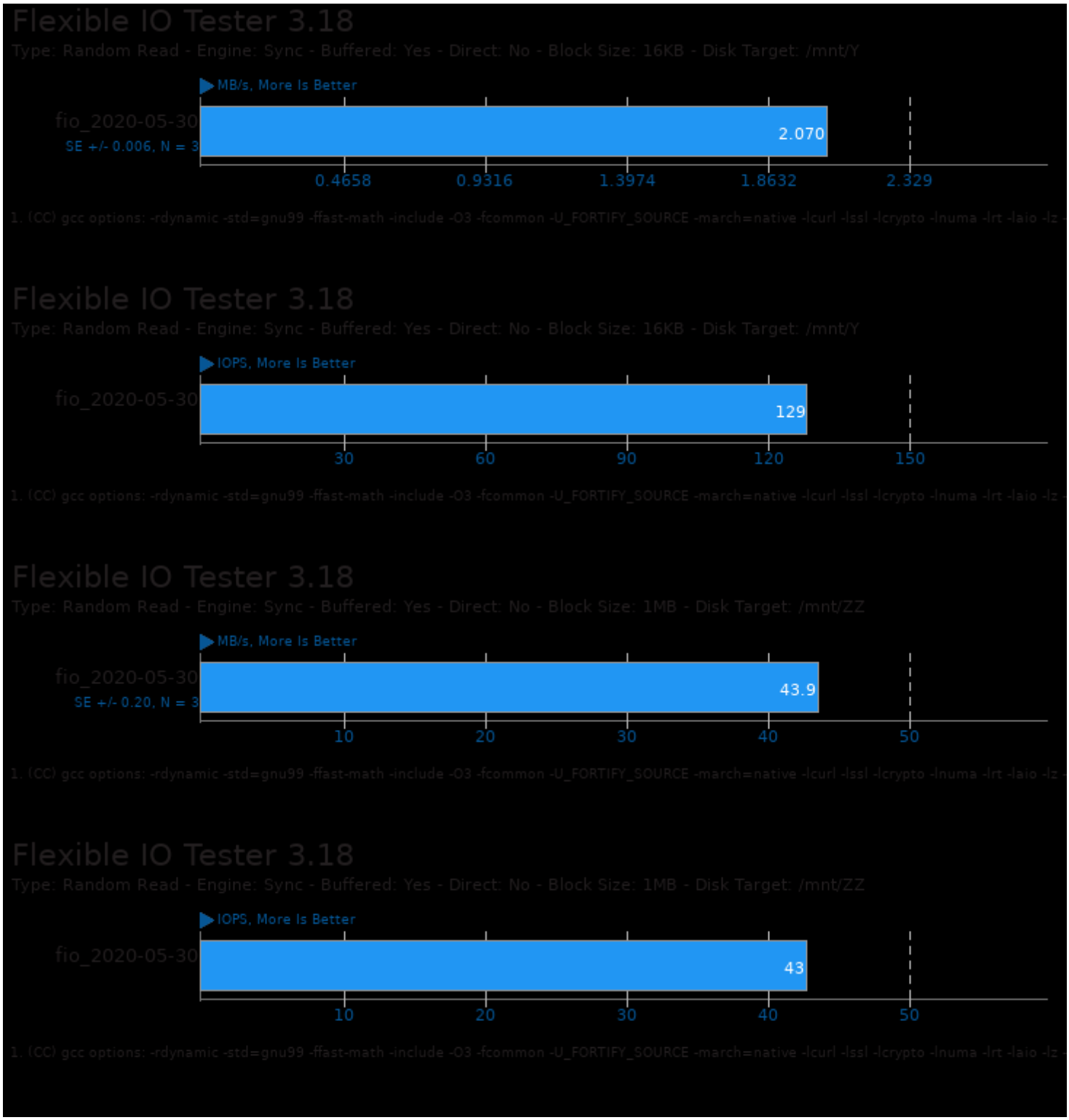
fio_2020-05-30



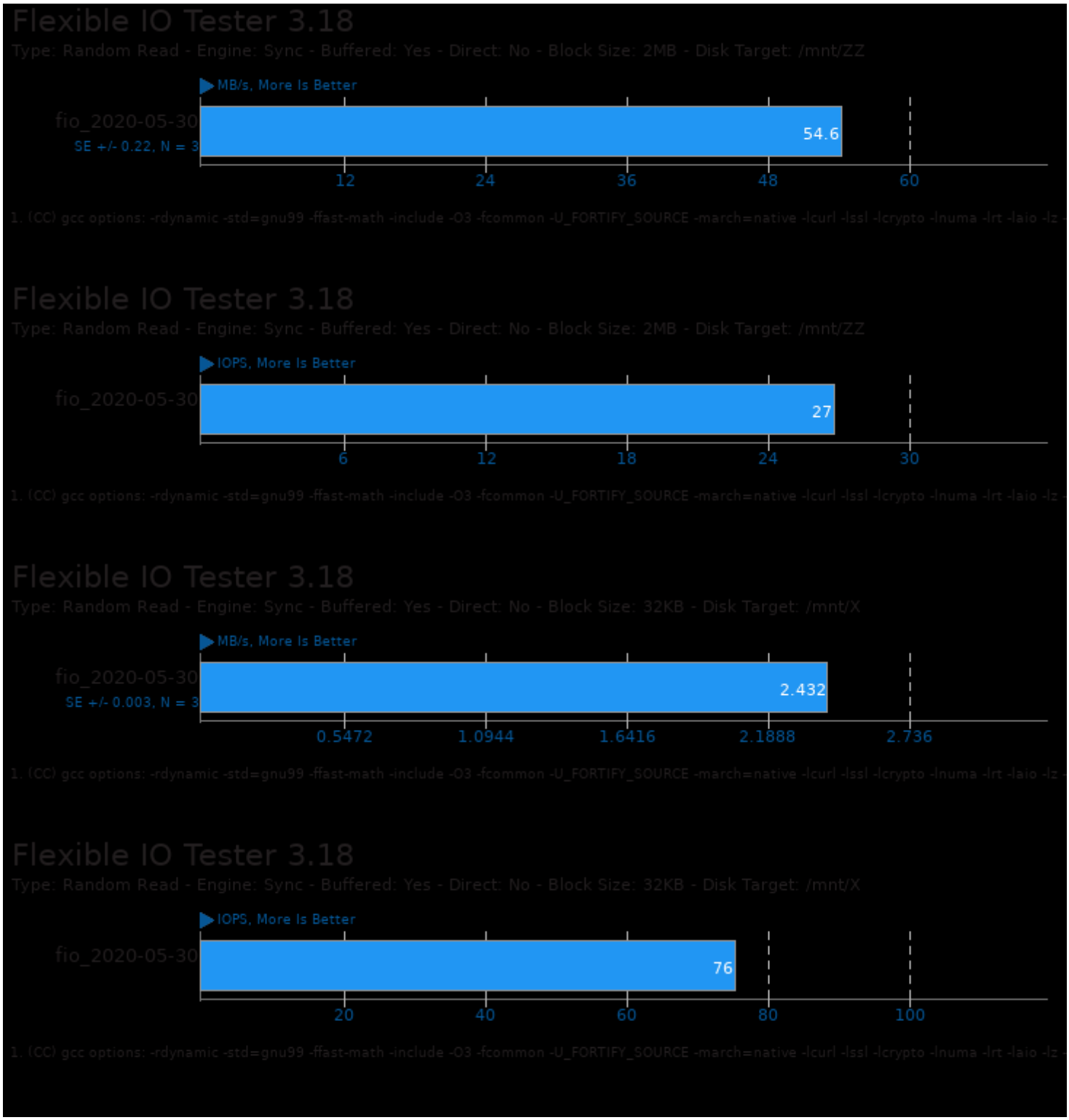
fio_2020-05-30

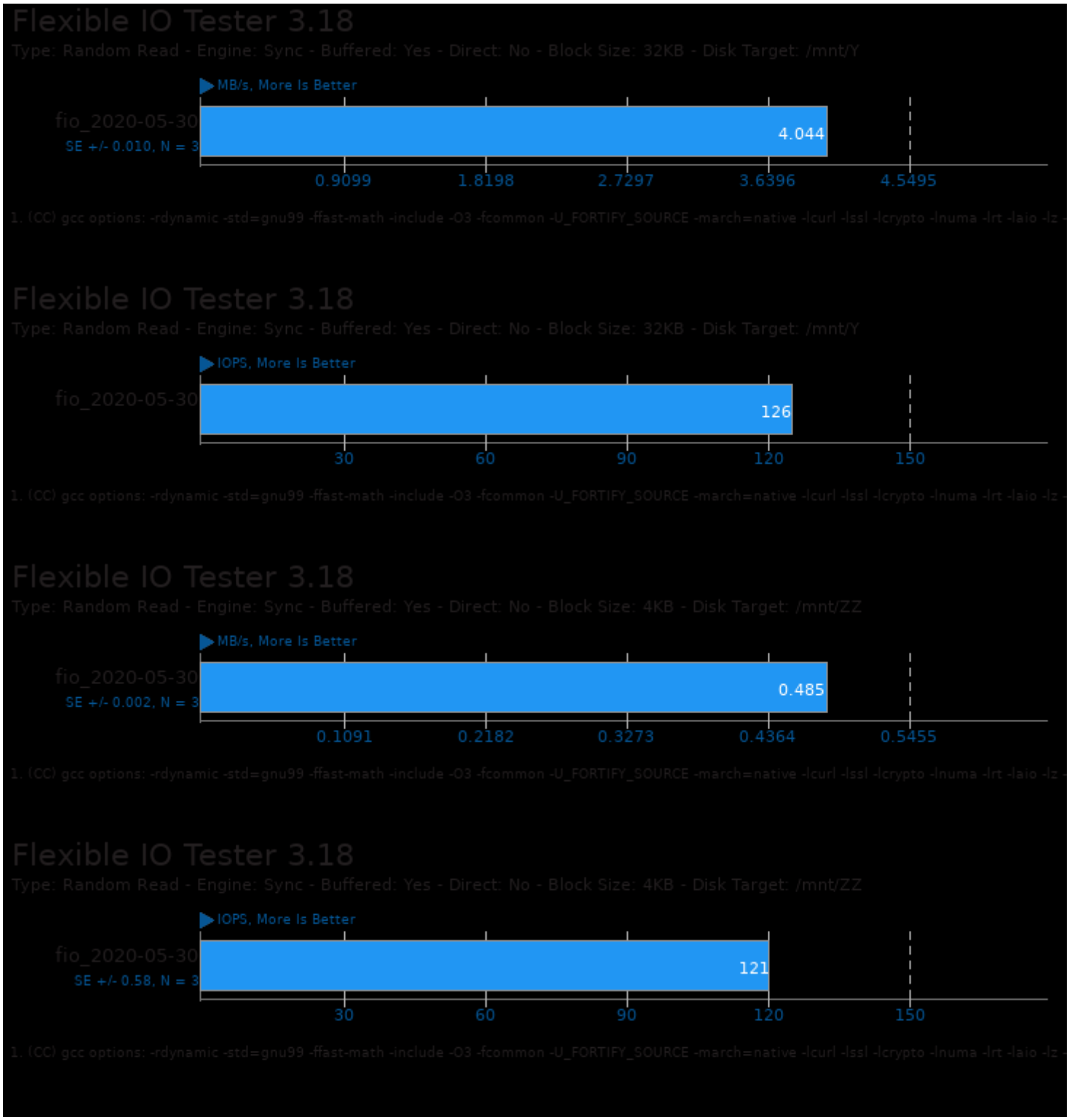


fio_2020-05-30

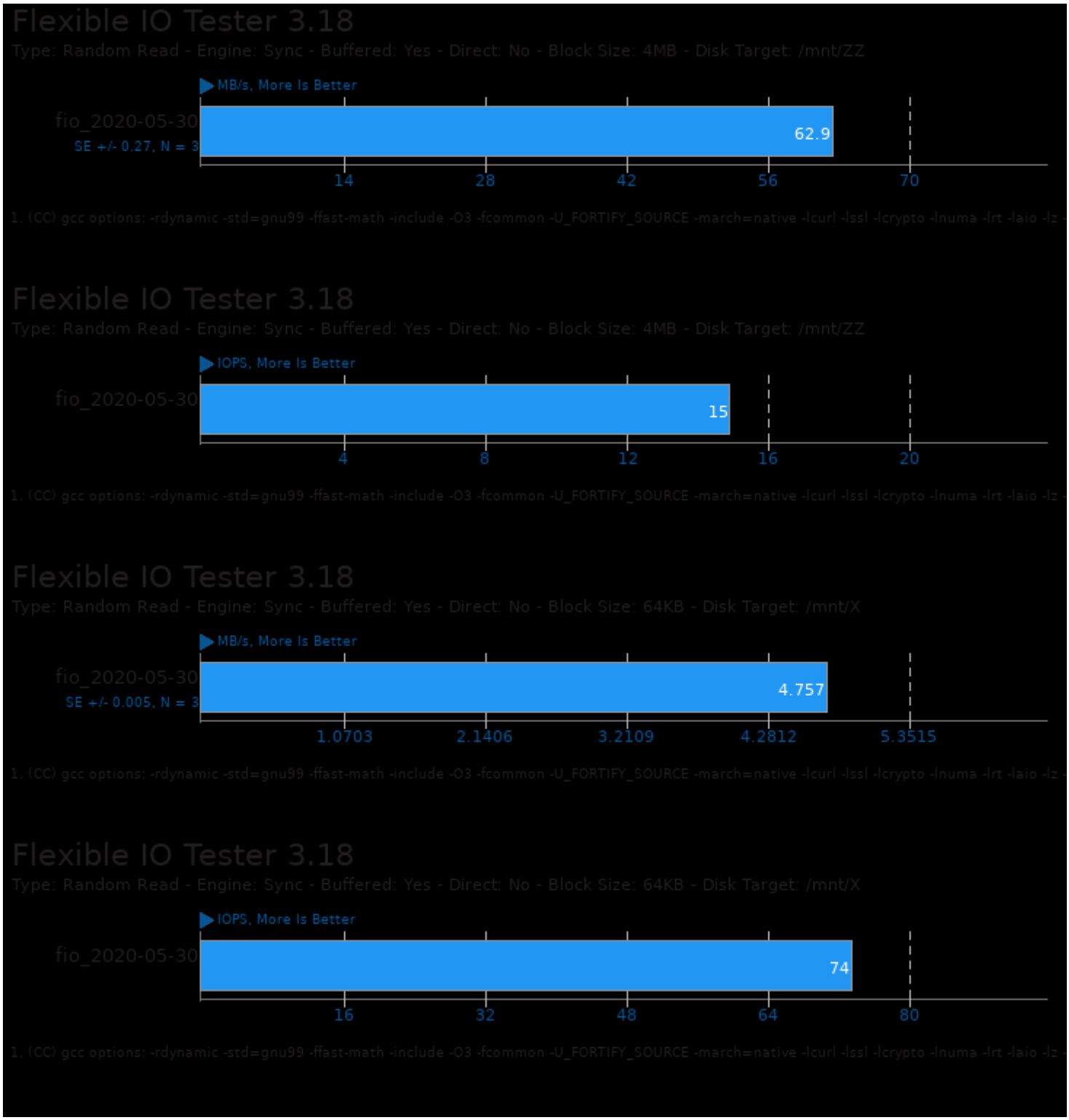


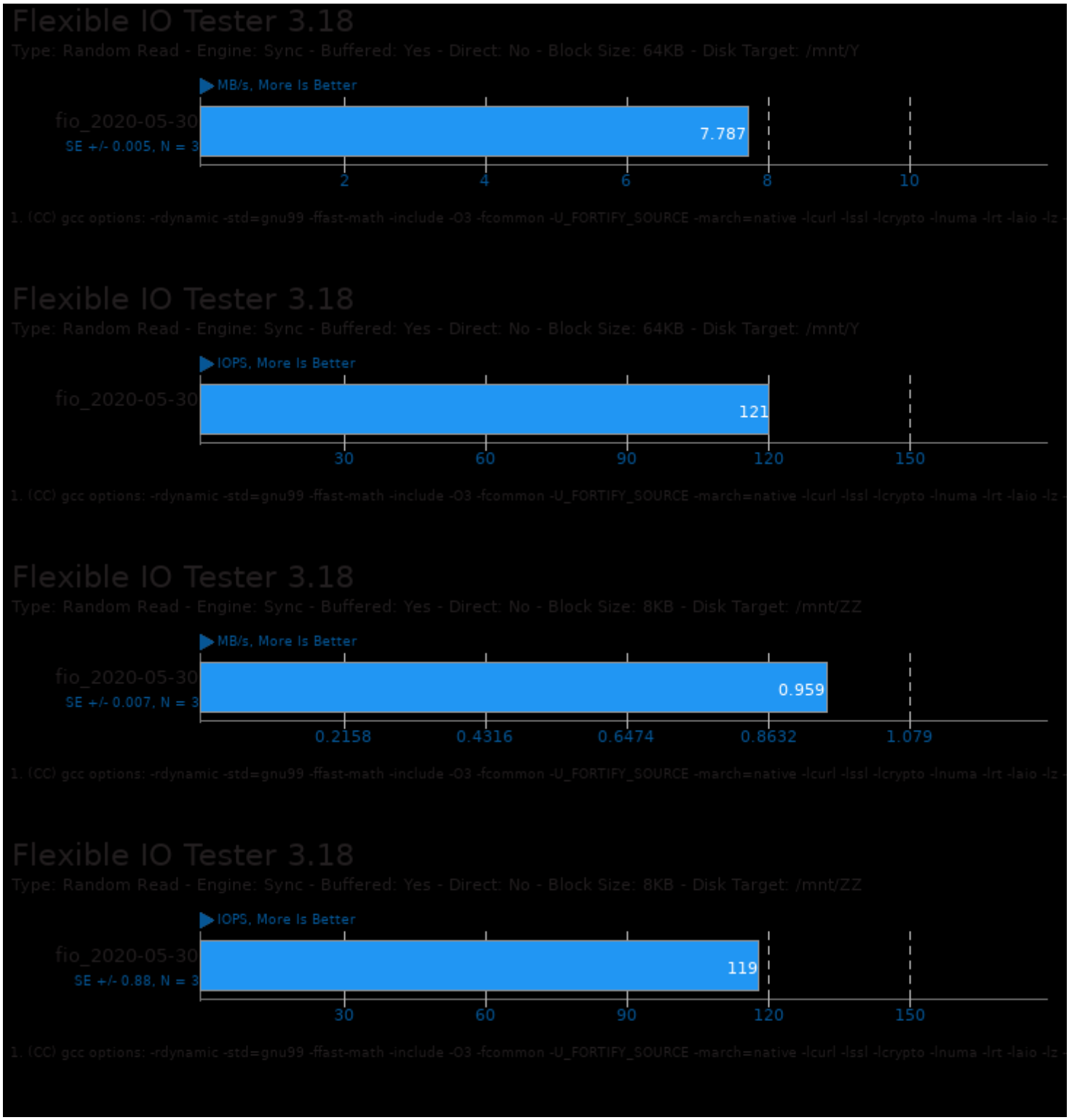
fio_2020-05-30



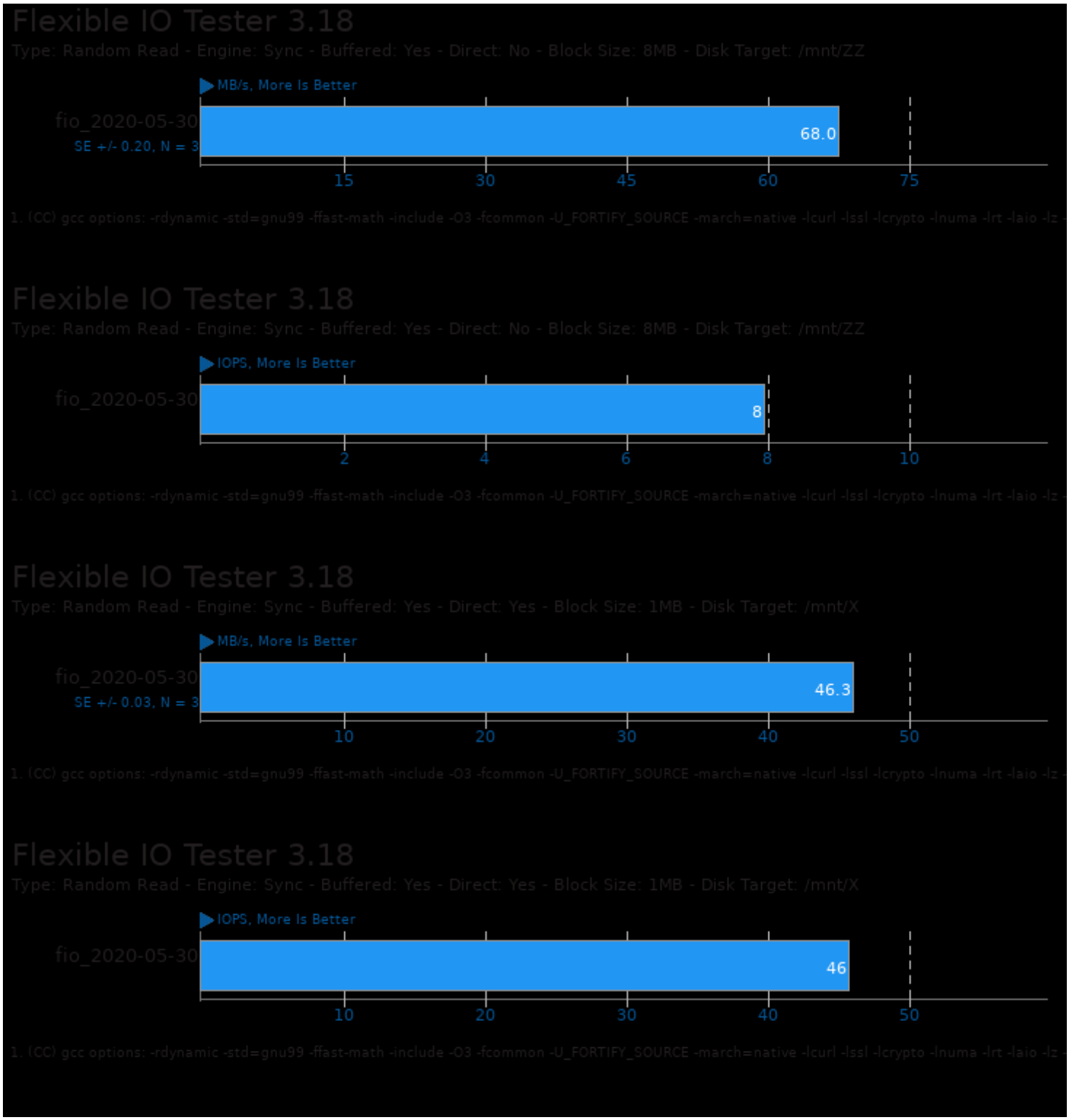

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.010, N = 3
4.044
0.9099
1.8198
2.7297
3.6396
4.5495
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
126
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.485
0.1091
0.2182
0.3273
0.4364
0.5455
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.58, N = 3
121
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

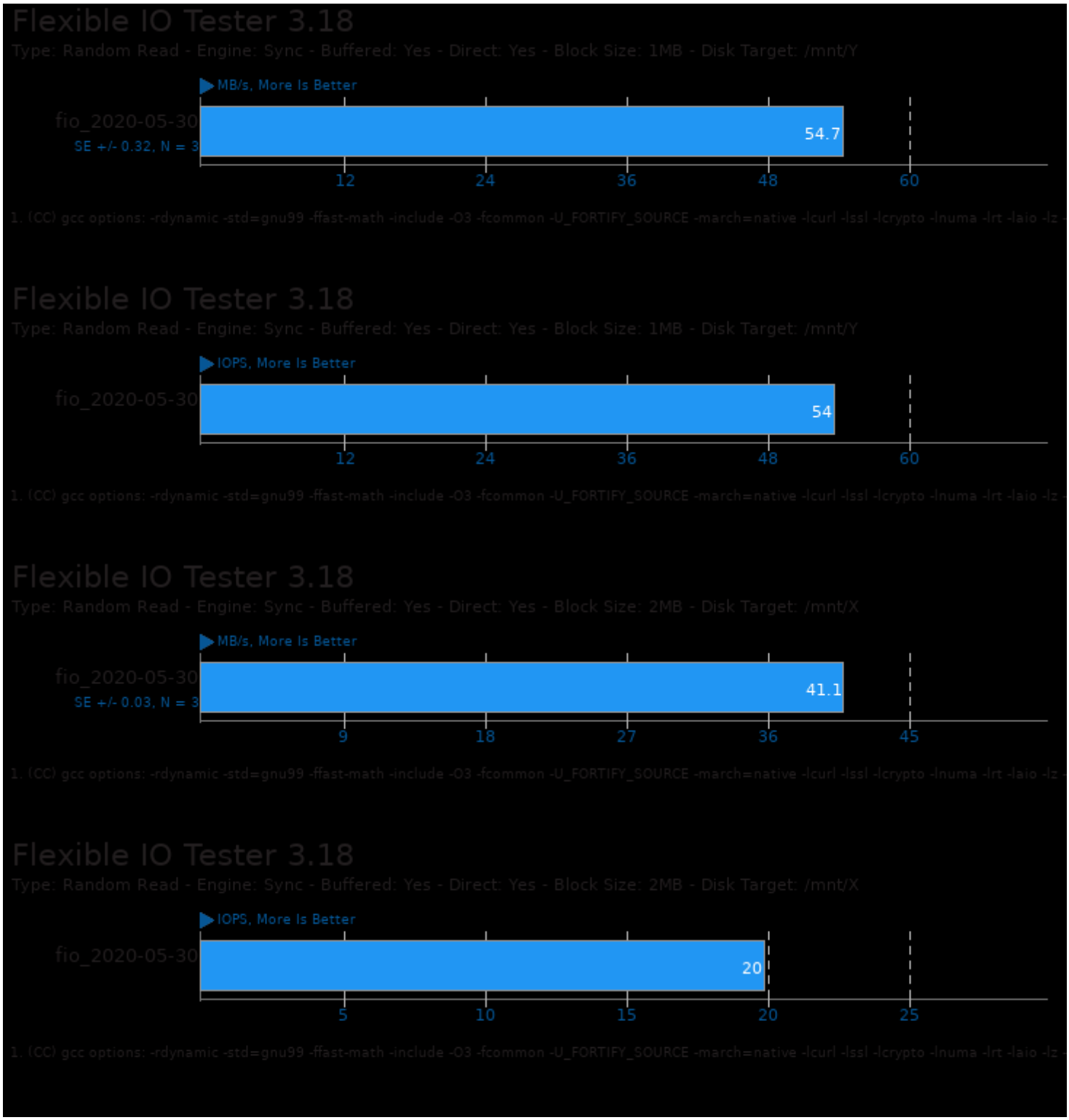



Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.005, N = 3
7.787
2
4
6
8
10
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
121
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.007, N = 3
0.959
0.2158
0.4316
0.6474
0.8632
1.079
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.88, N = 3
119
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

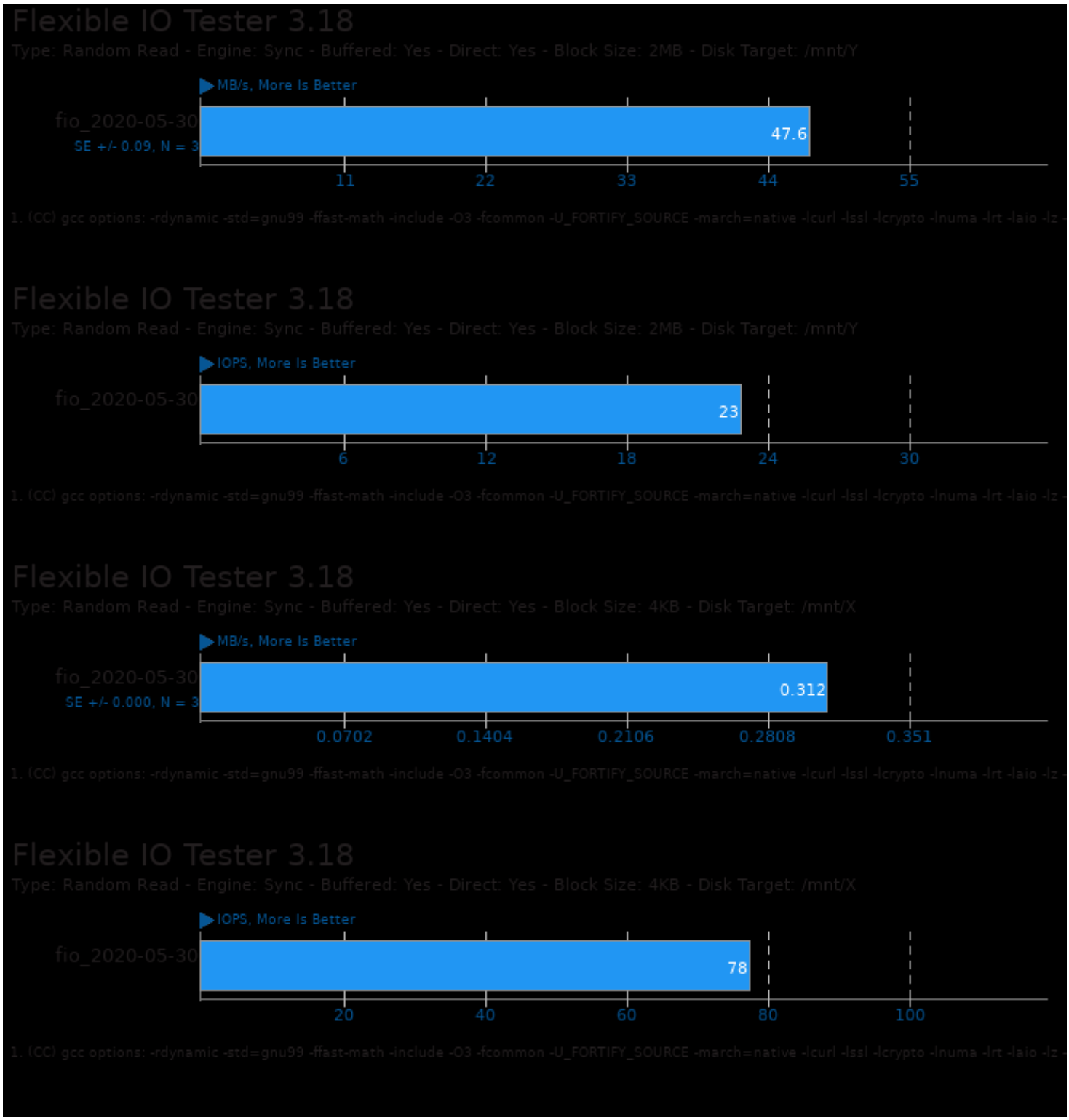
fio_2020-05-30

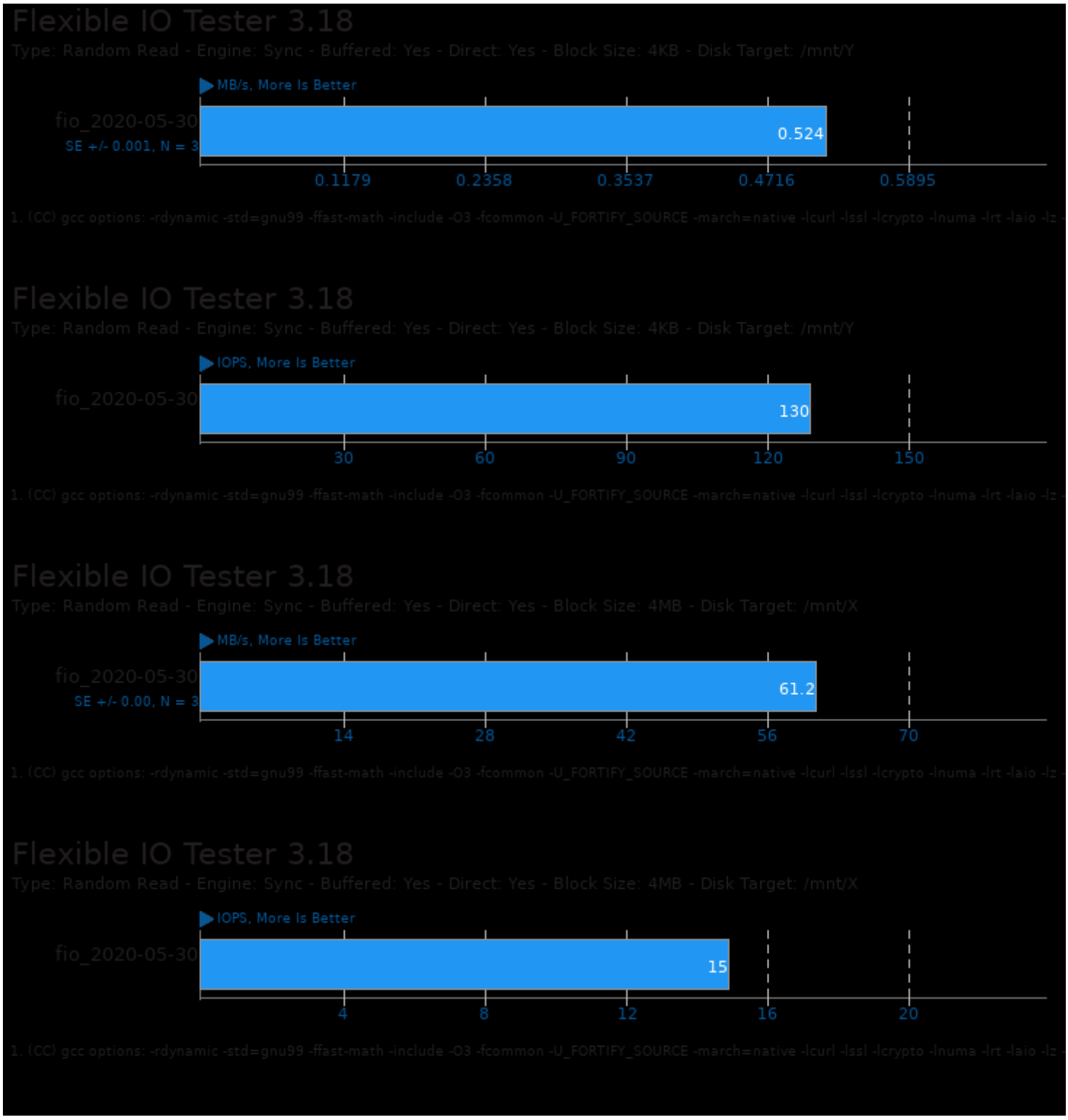


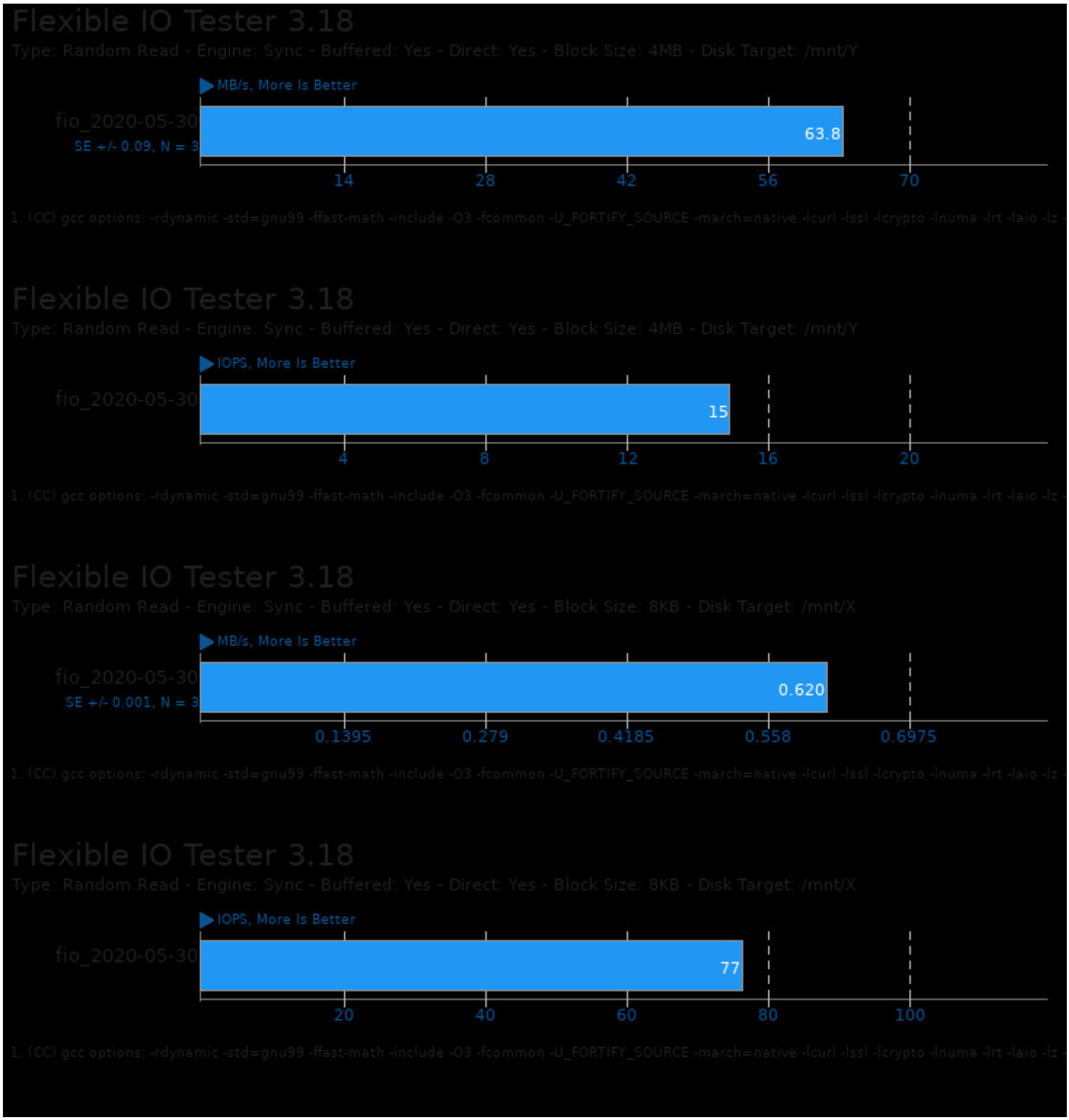
fio_2020-05-30

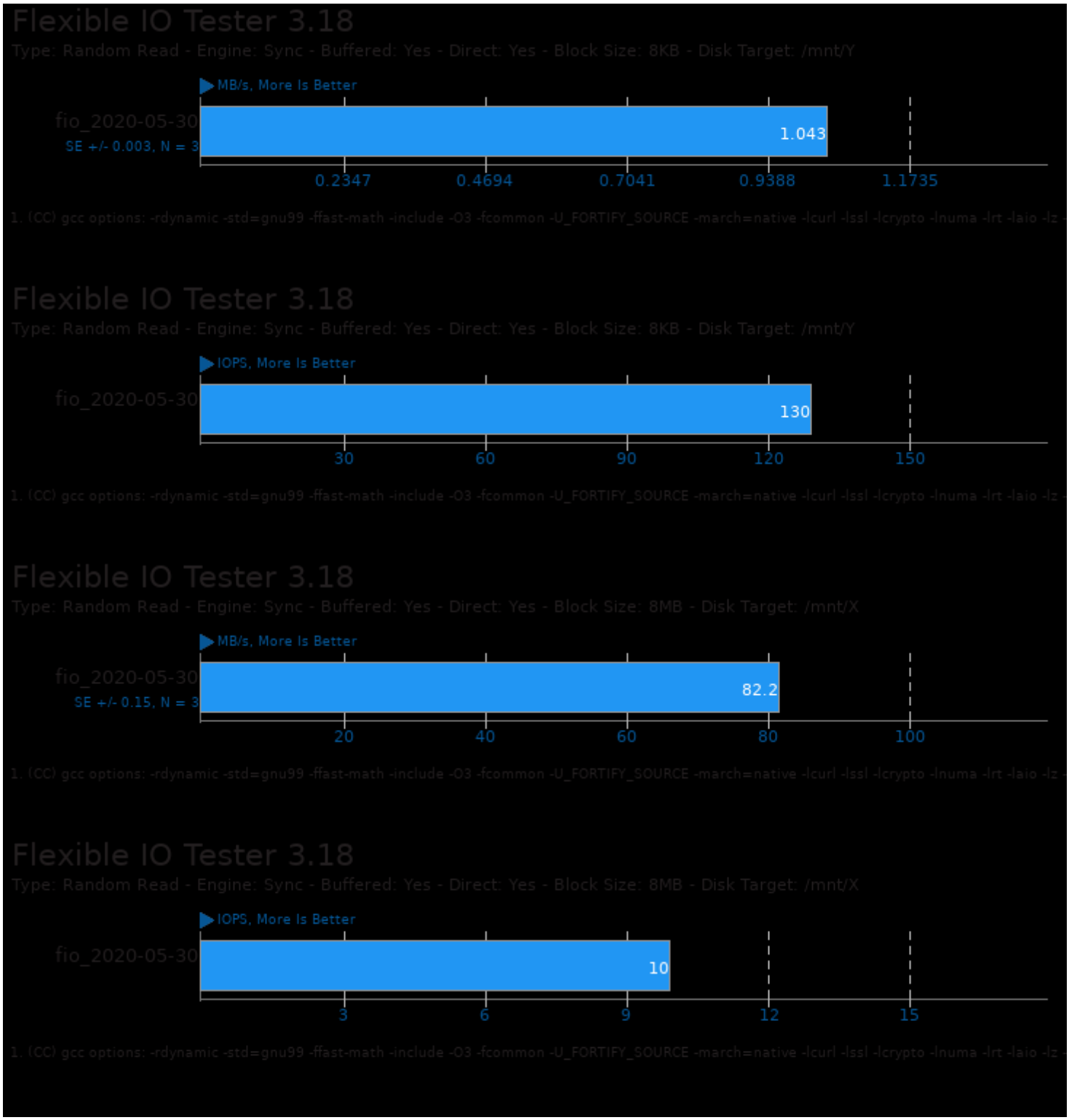


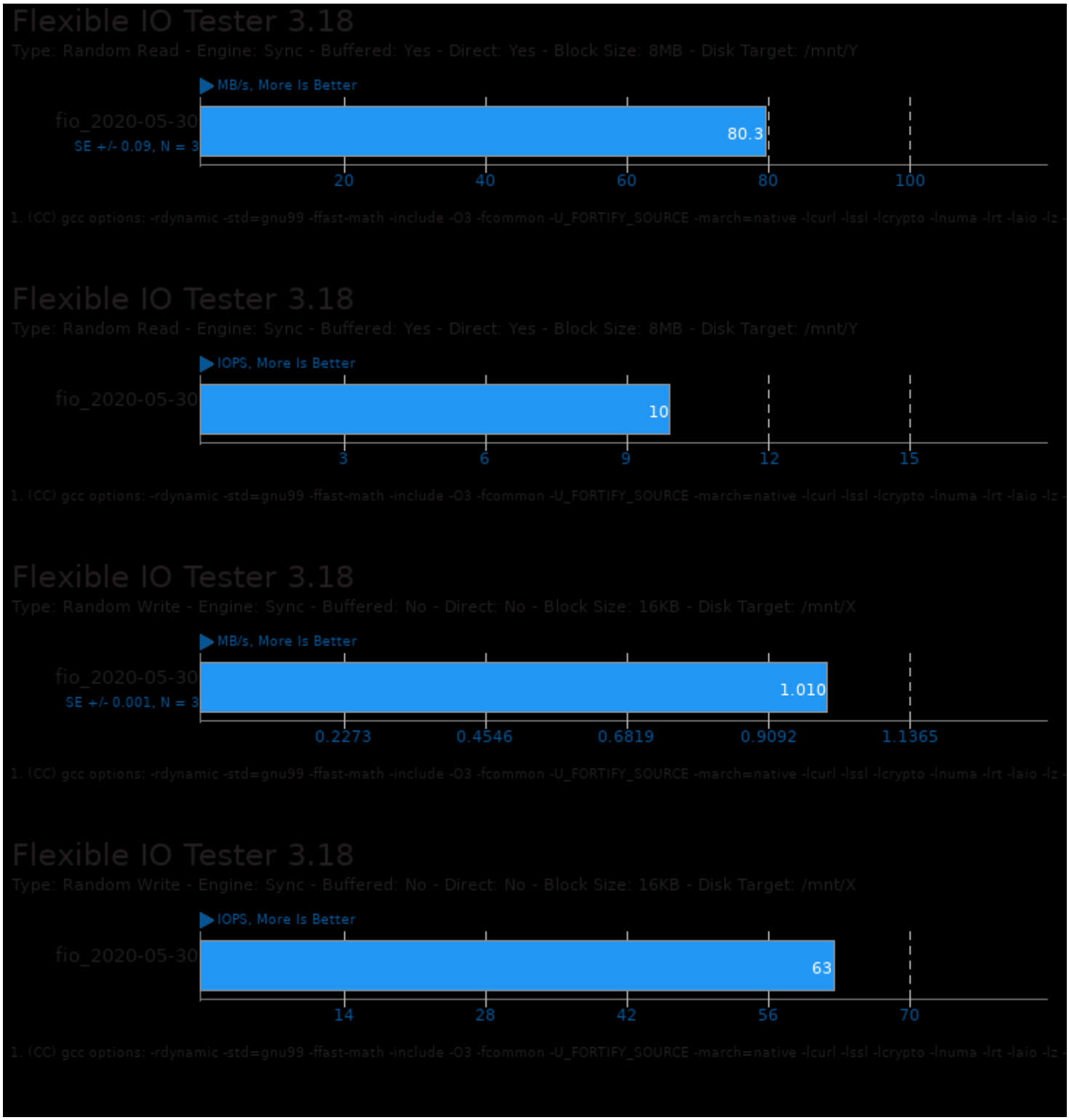
fio_2020-05-30



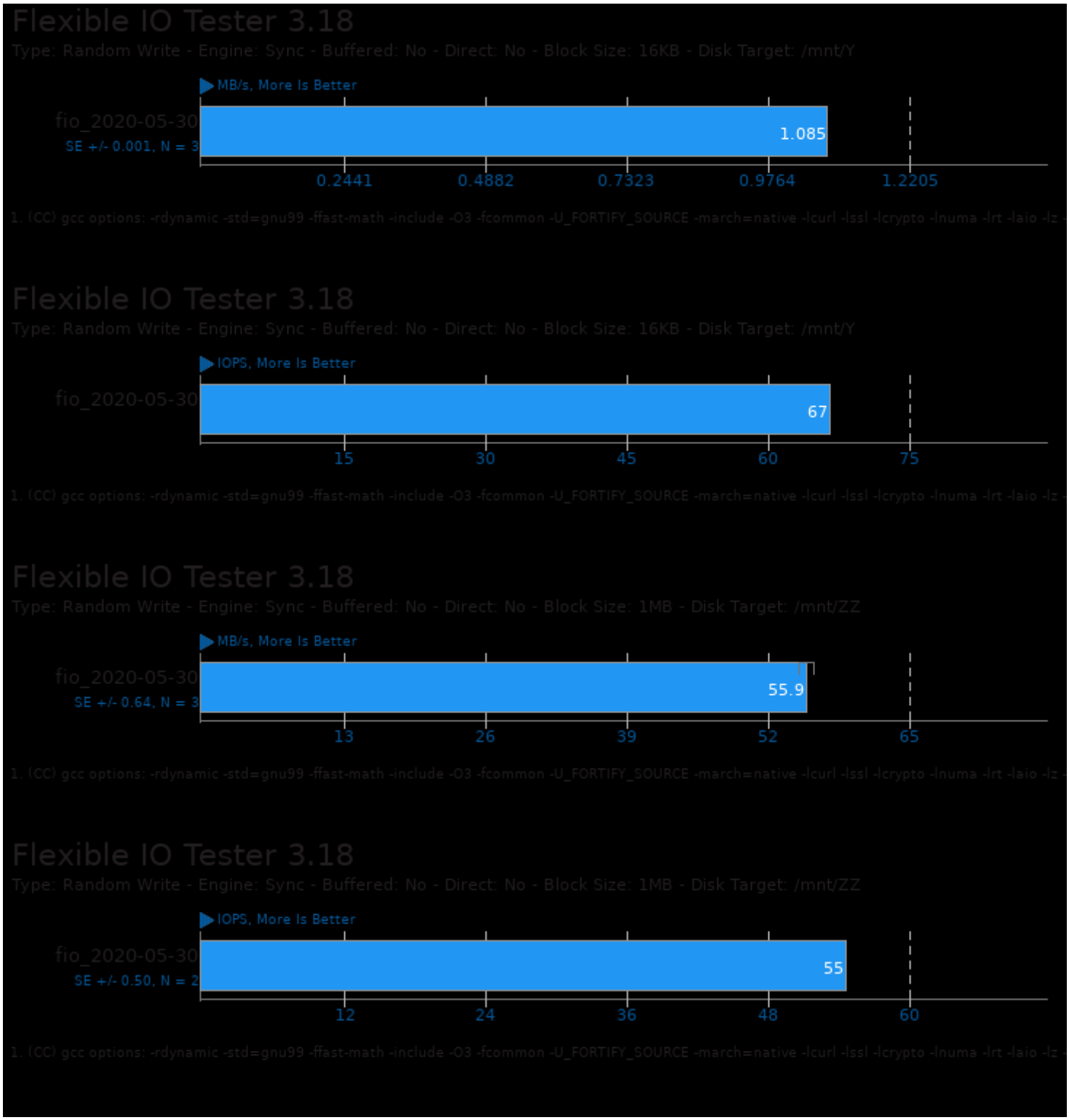

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.524
0.1179
0.2358
0.3537
0.4716
0.5895
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
130
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.00, N = 3
61.2
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.09, N = 3
63.8
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.620
0.1395
0.279
0.4185
0.558
0.6975
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

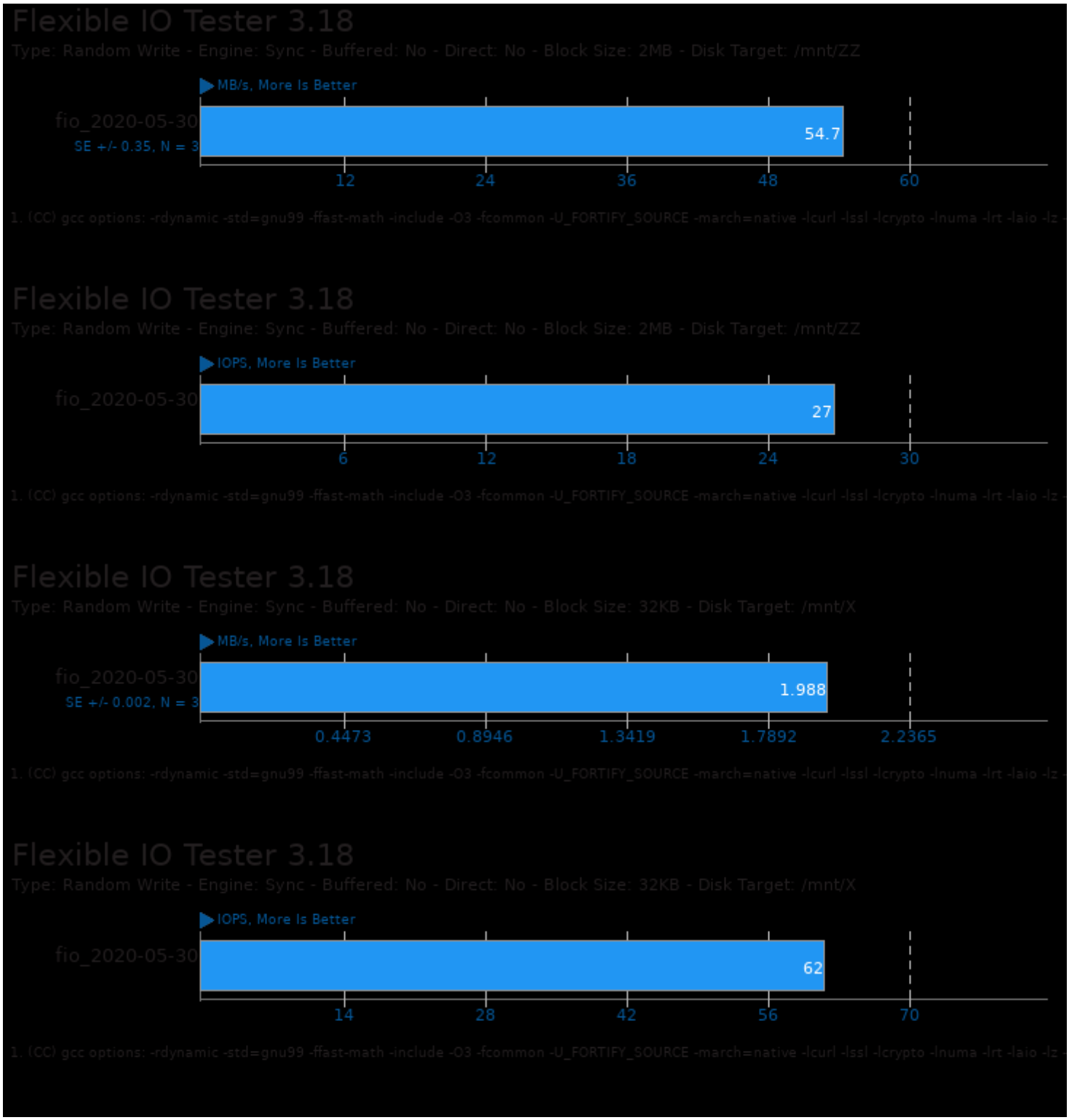

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.003, N = 3
1.043
0.2347
0.4694
0.7041
0.9388
1.1735
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
130
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.15, N = 3
82.2
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
10
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

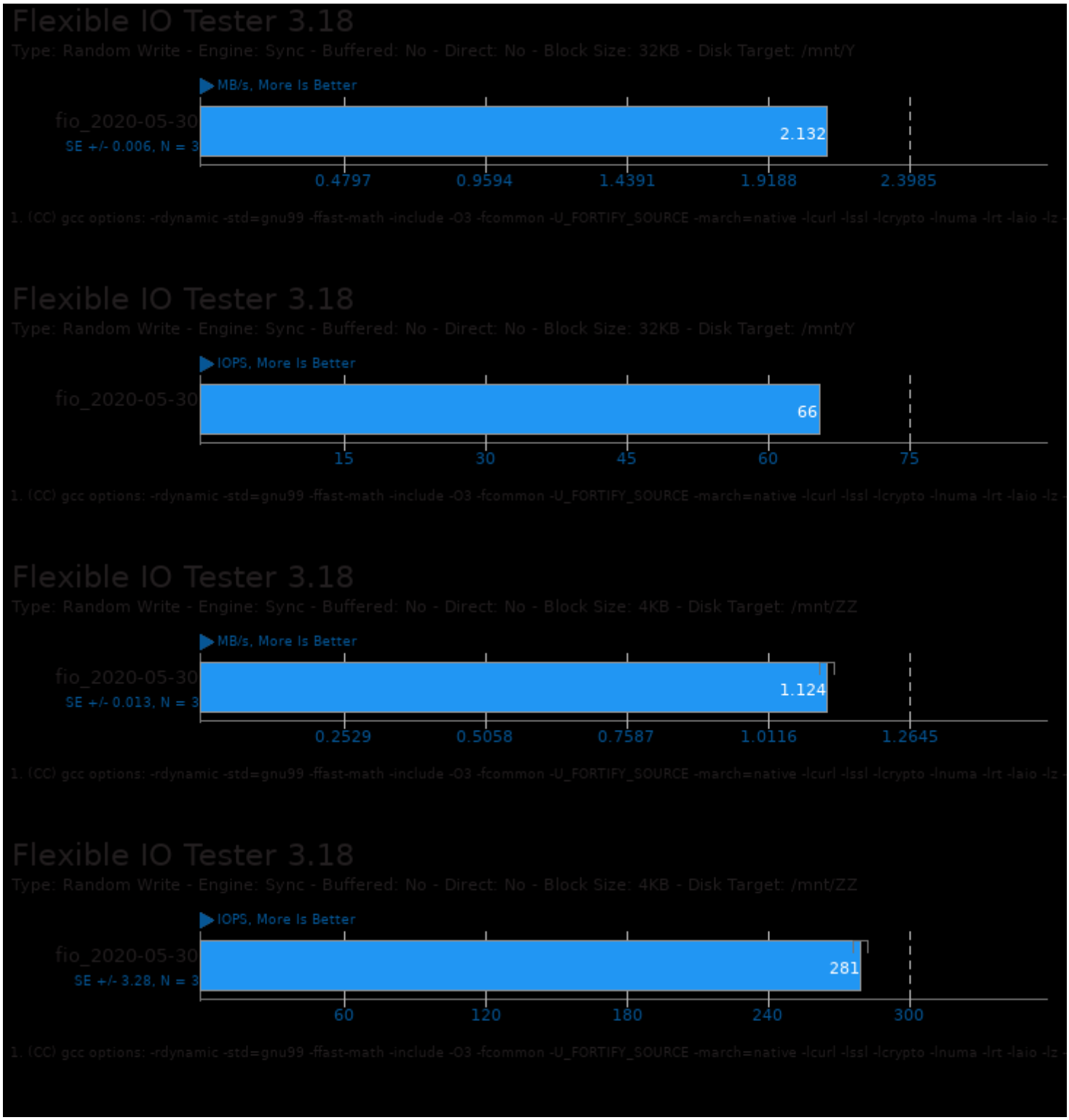

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.09, N = 3
80.3
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
10
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
1.010
0.2273
0.4546
0.6819
0.9092
1.1365
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

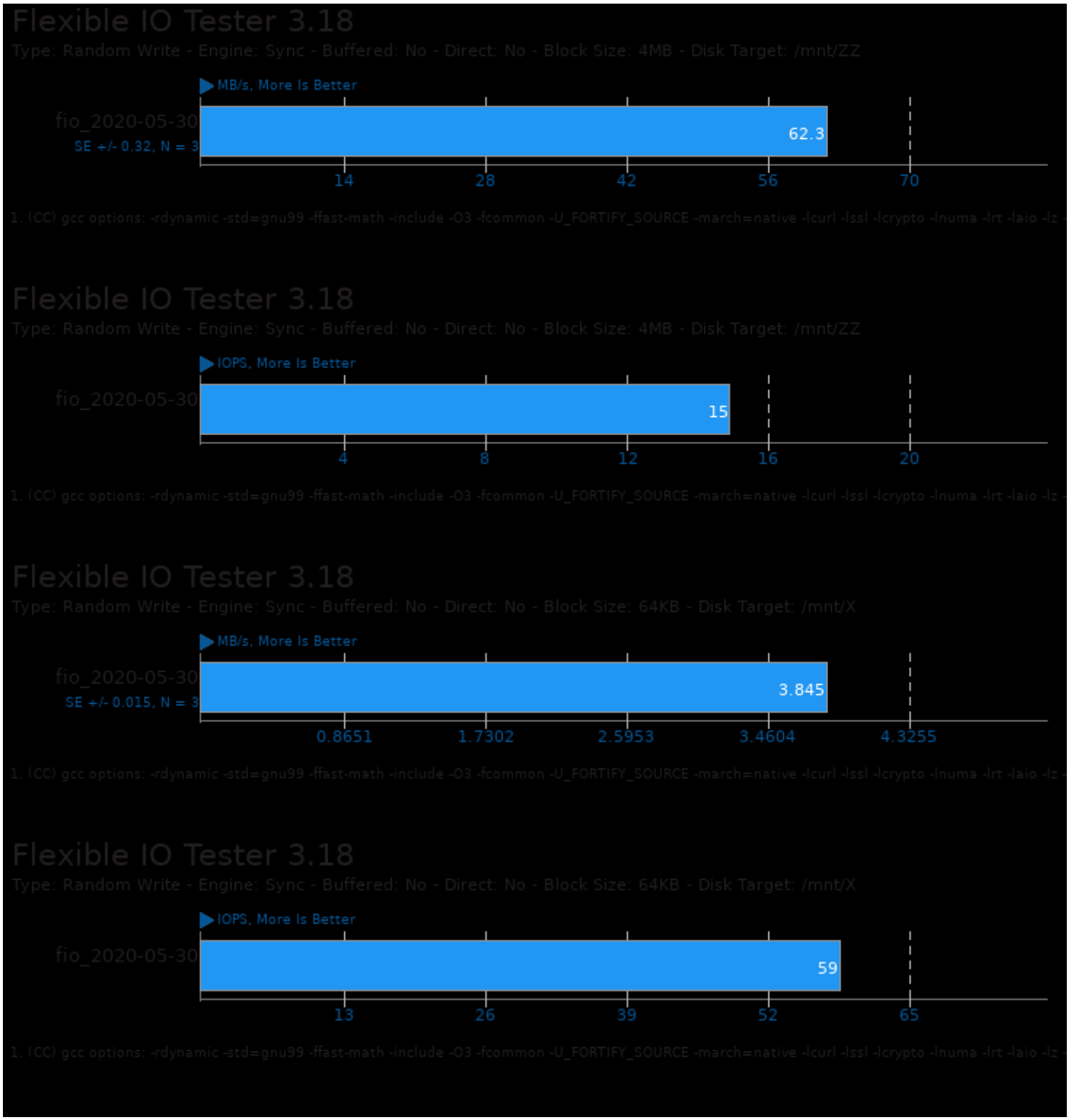
fio_2020-05-30

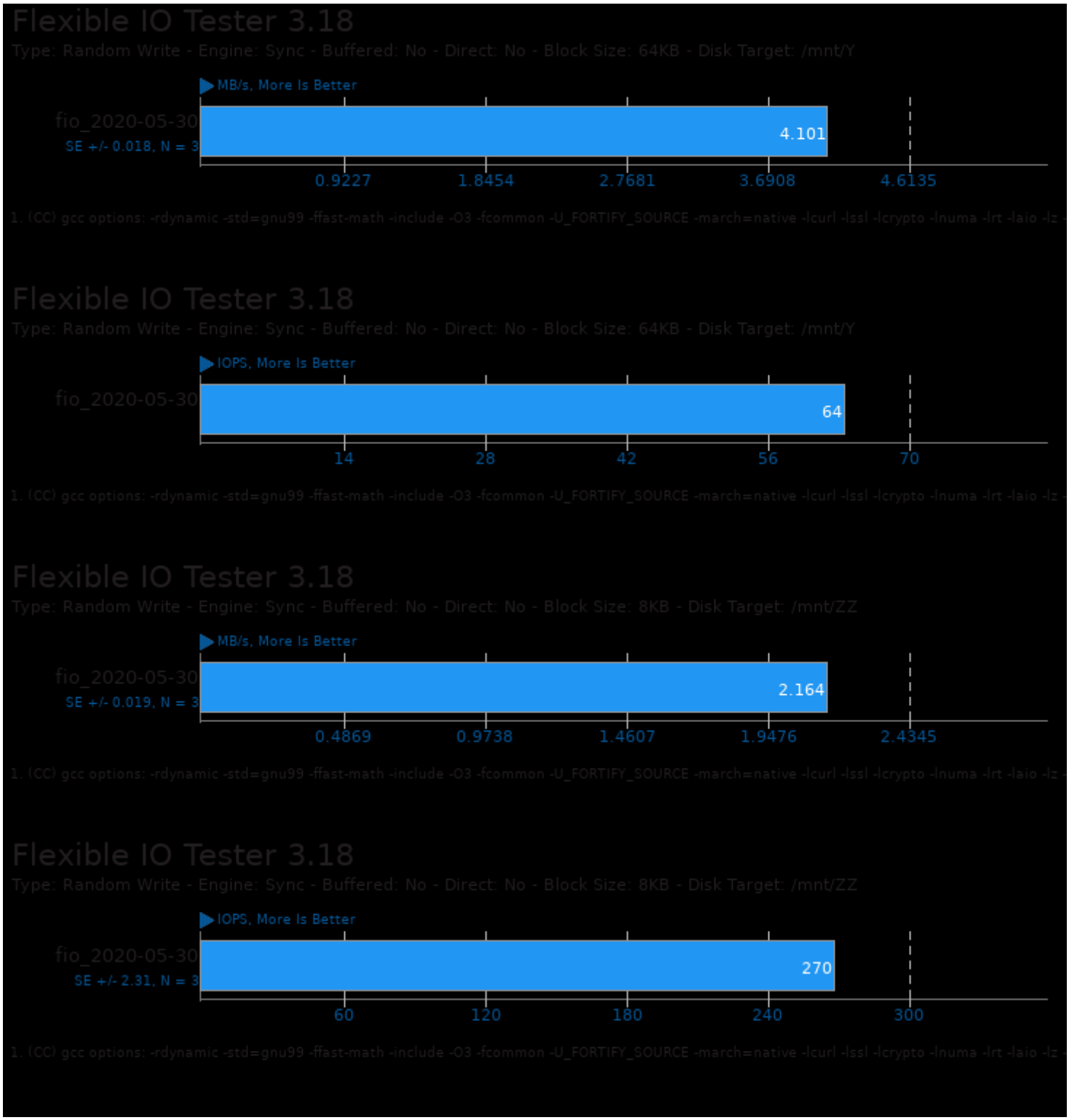


fio_2020-05-30

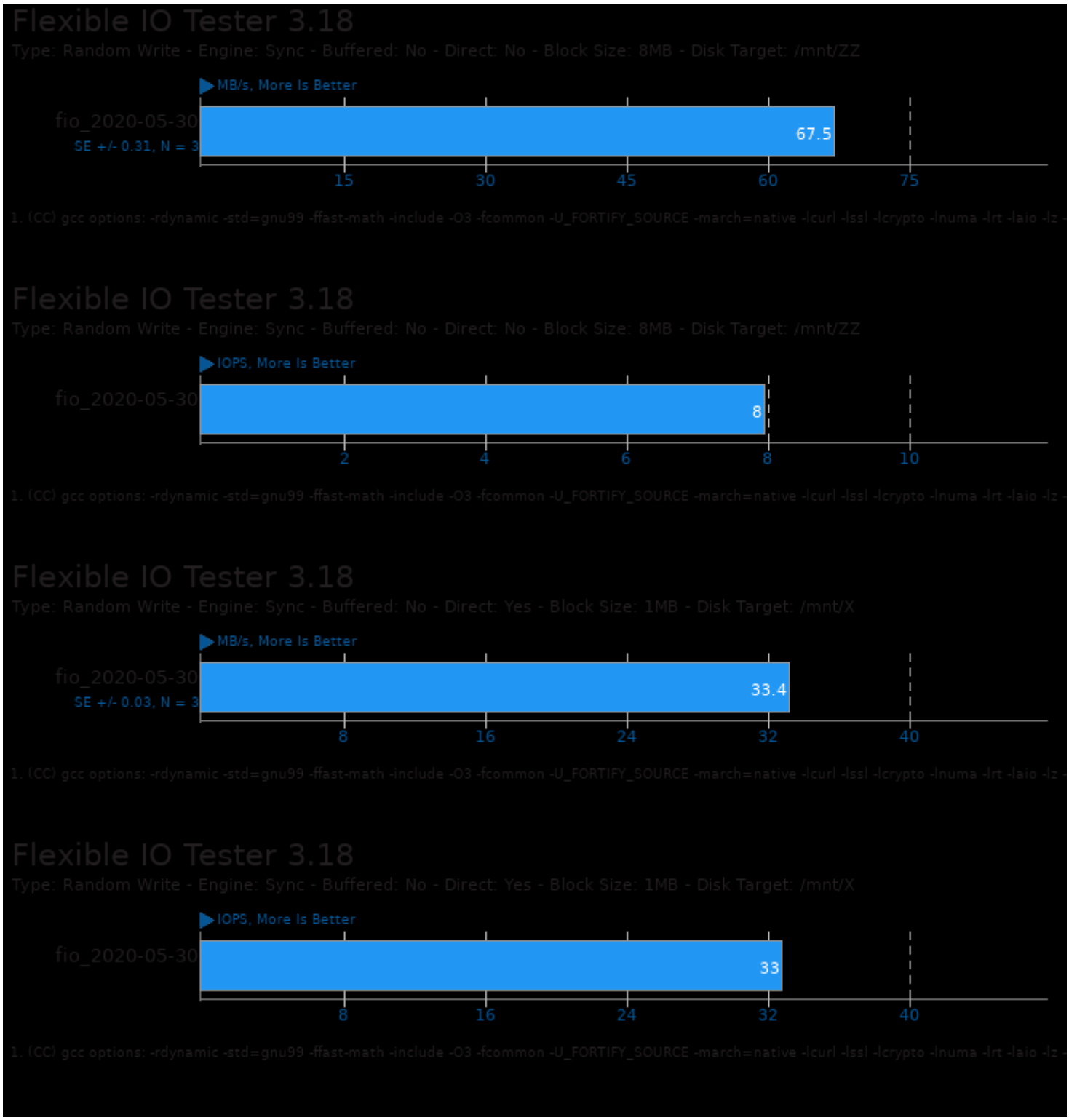



Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.006, N = 3
2.132
0.4797
0.9594
1.4391
1.9188
2.3985
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
66
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.013, N = 3
1.124
0.2529
0.5058
0.7587
1.0116
1.2645
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 3.28, N = 3
281
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

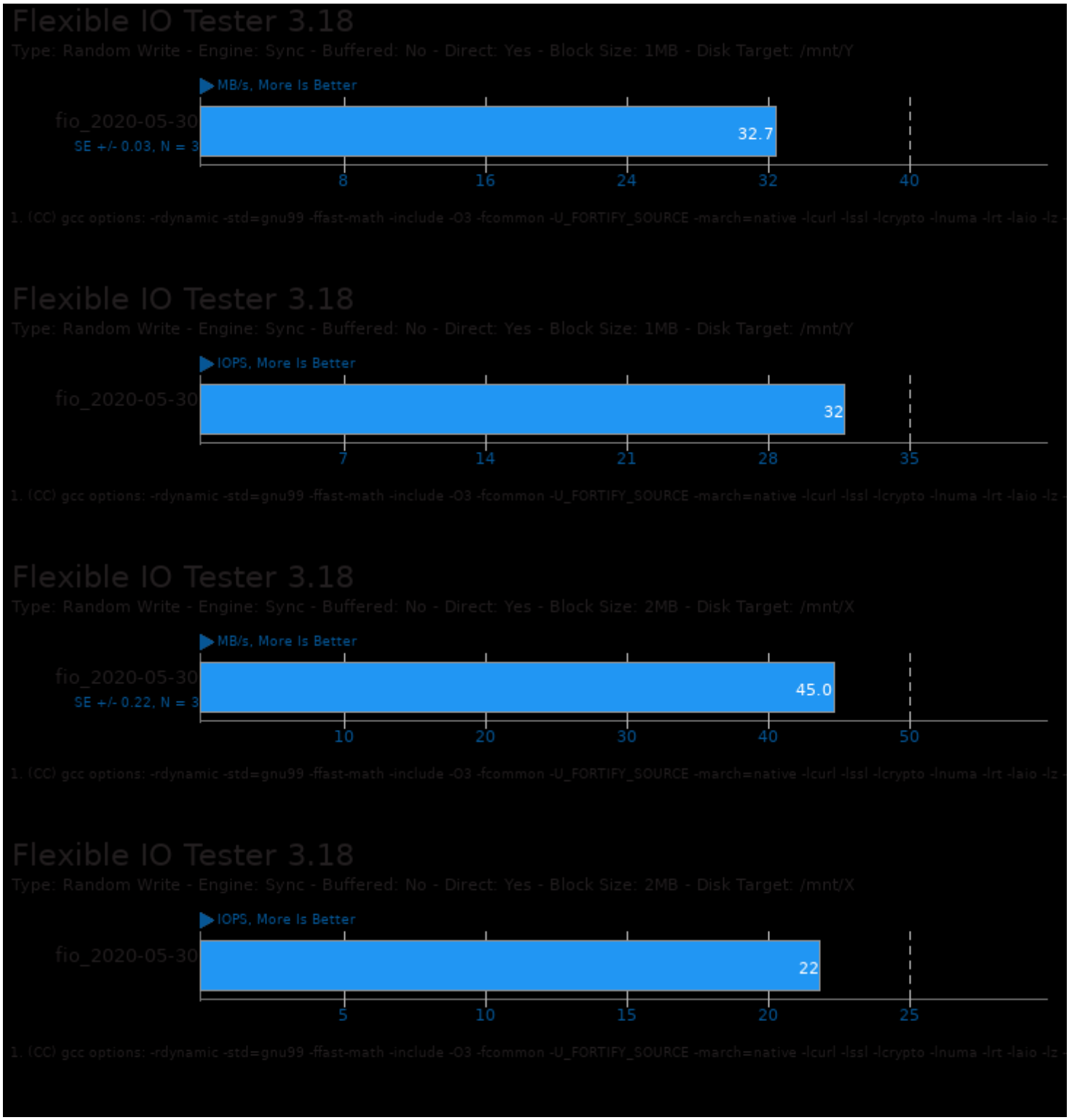

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.32, N = 3
62.3
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.015, N = 3
3.845
0.8651
1.7302
2.5953
3.4604
4.3255
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
59
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.018, N = 3
4.101
0.9227
1.8454
2.7681
3.6908
4.6135
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
64
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.019, N = 3
2.164
0.4869
0.9738
1.4607
1.9476
2.4345
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 2.31, N = 3
270
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

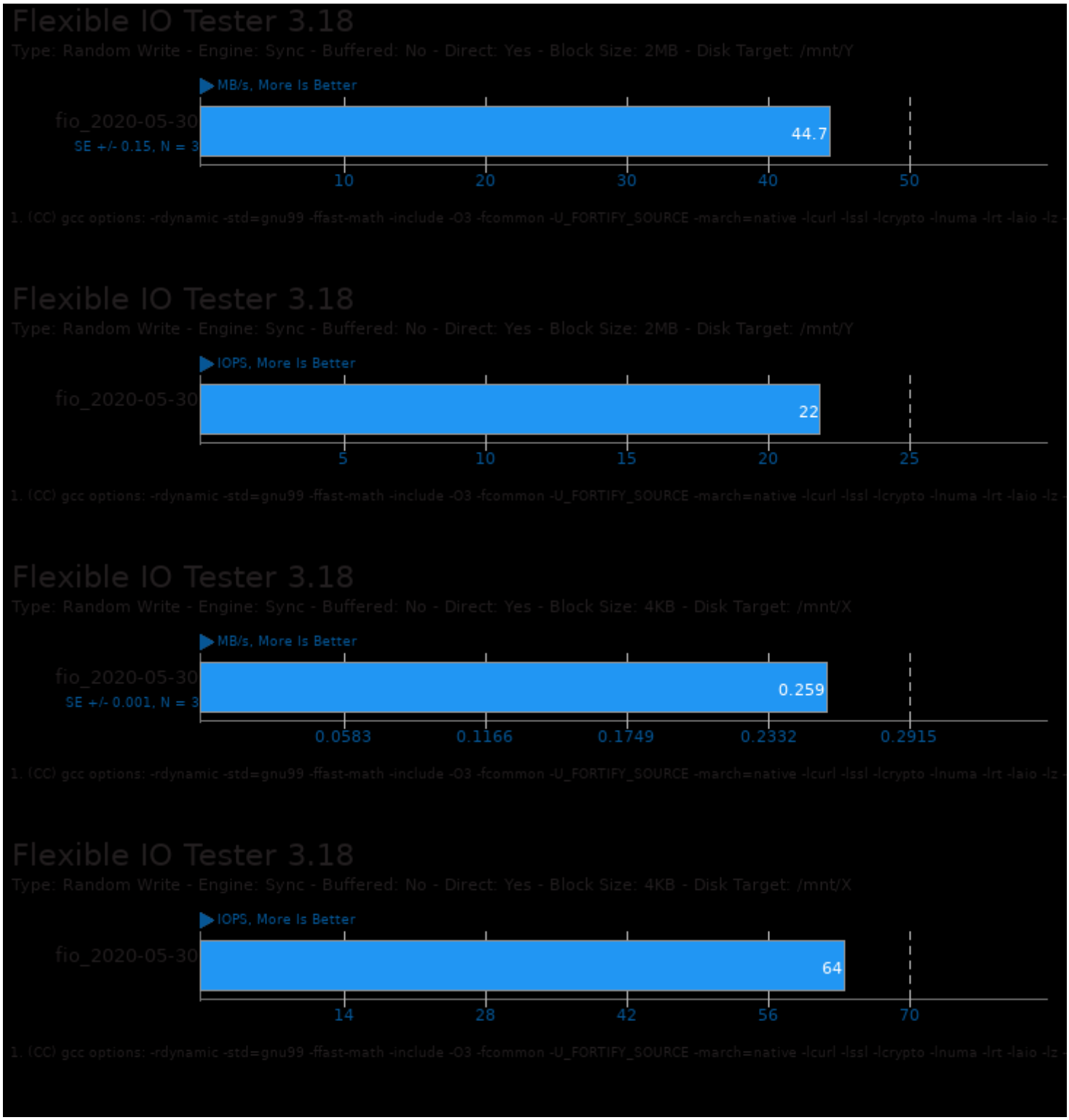
fio_2020-05-30



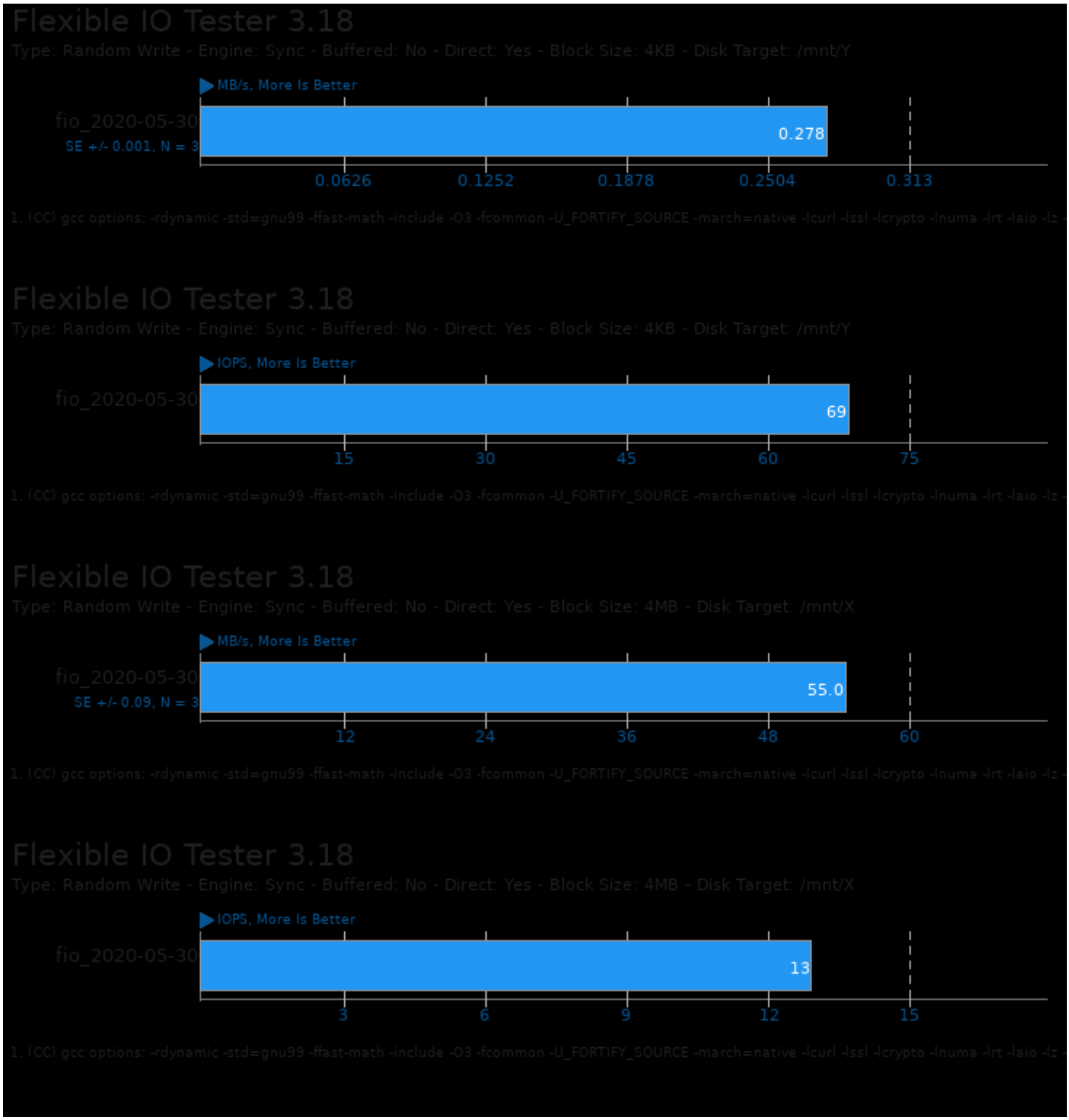
fio_2020-05-30

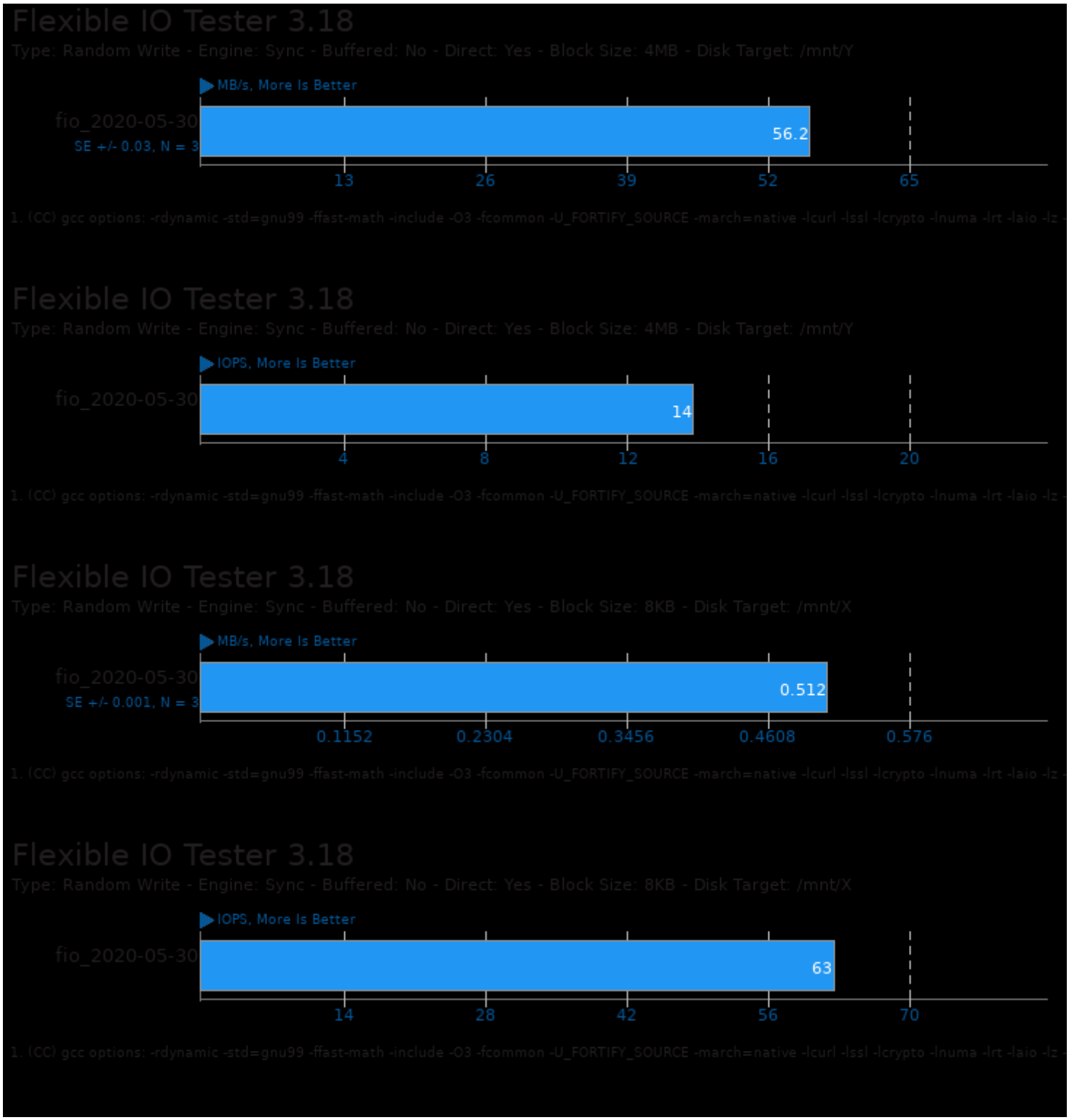


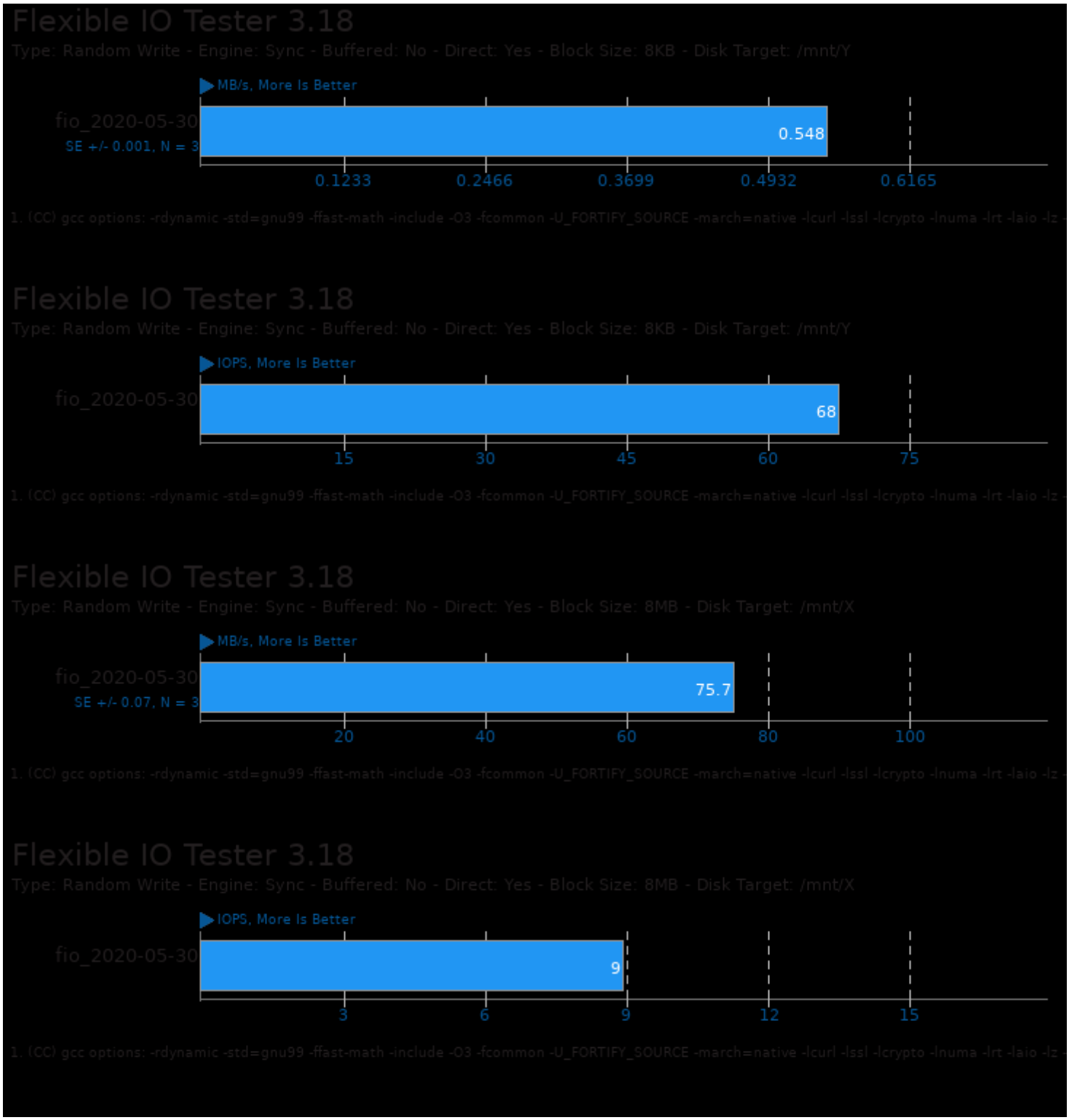
fio_2020-05-30

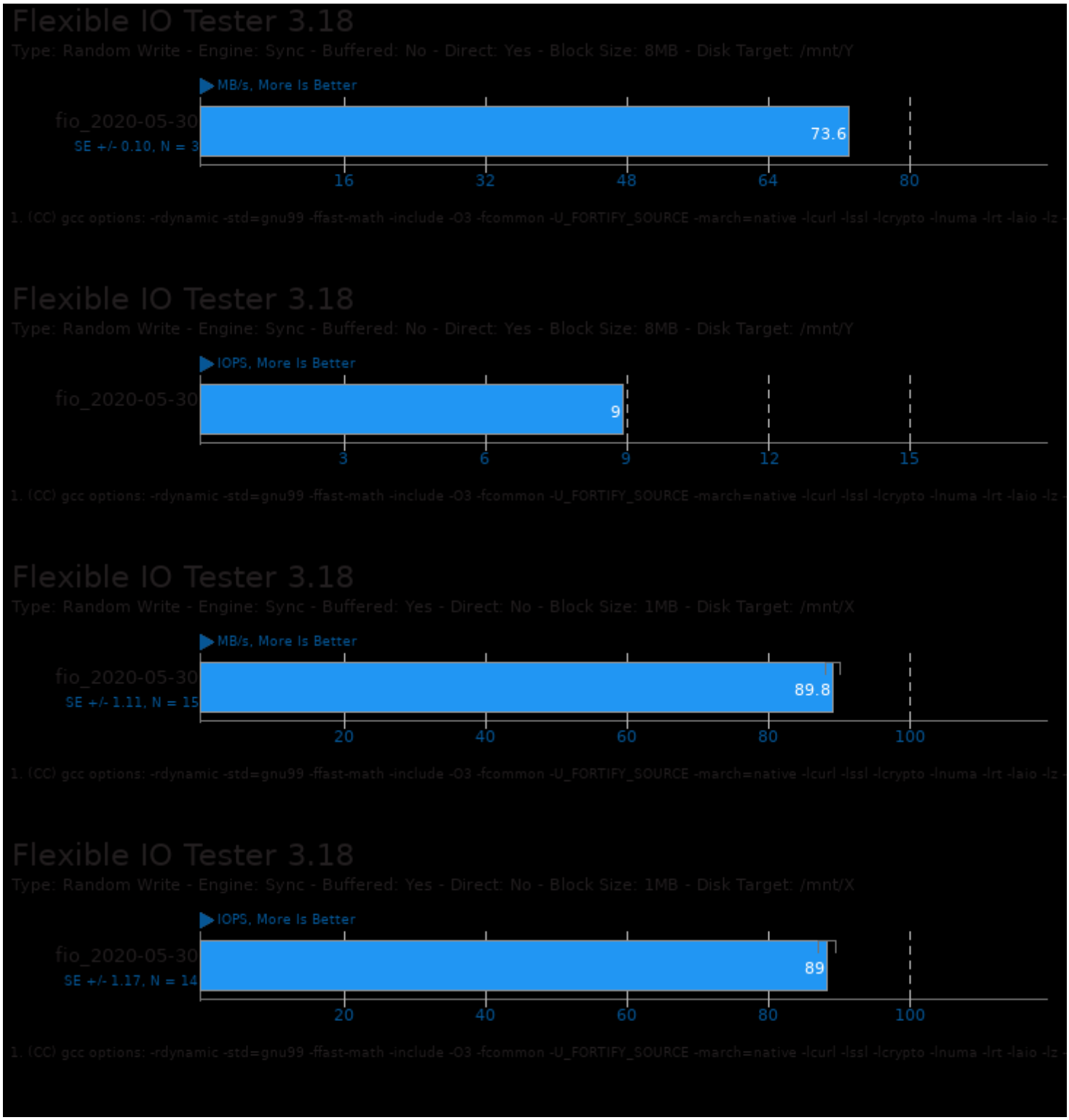


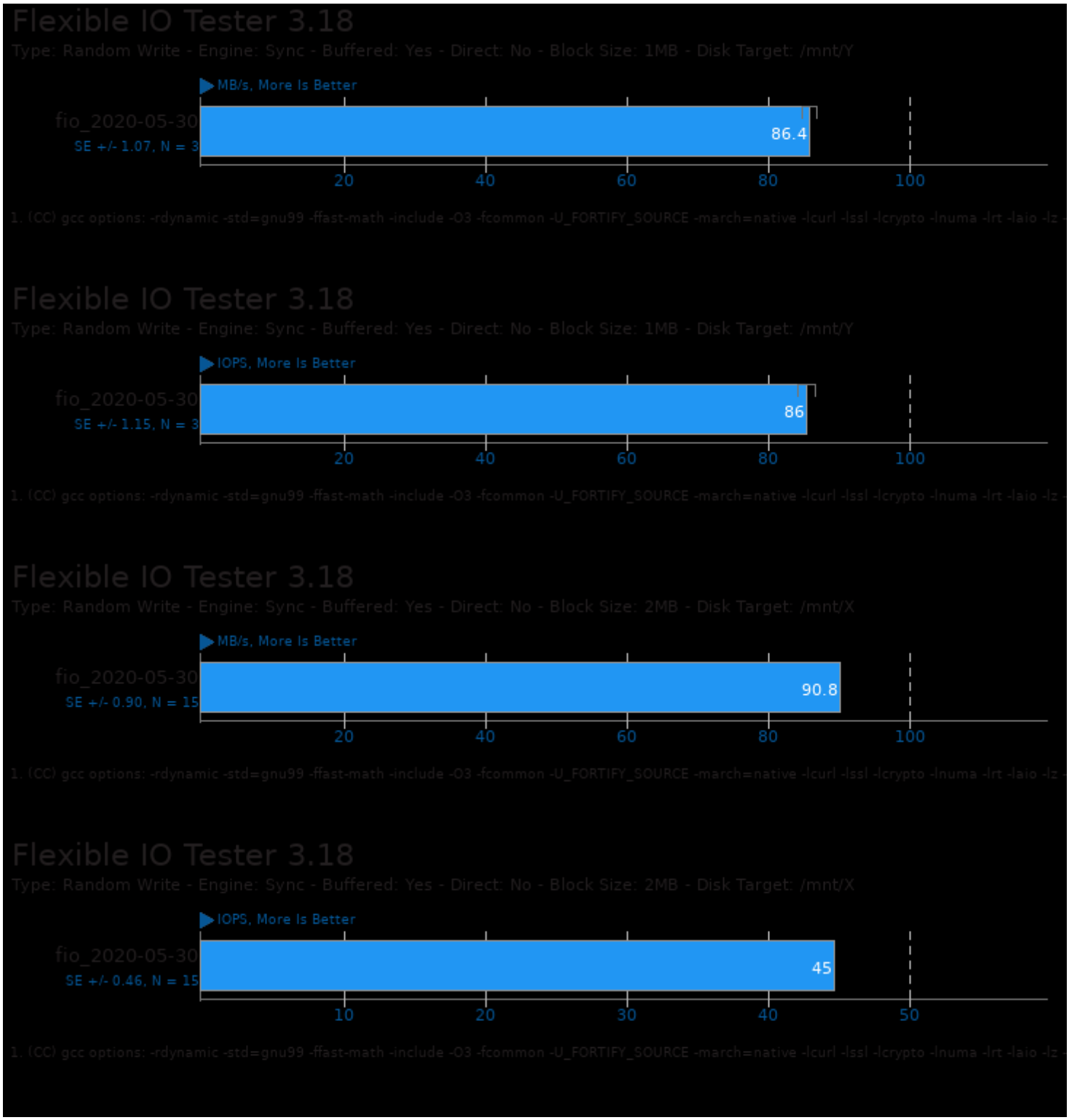
fio_2020-05-30

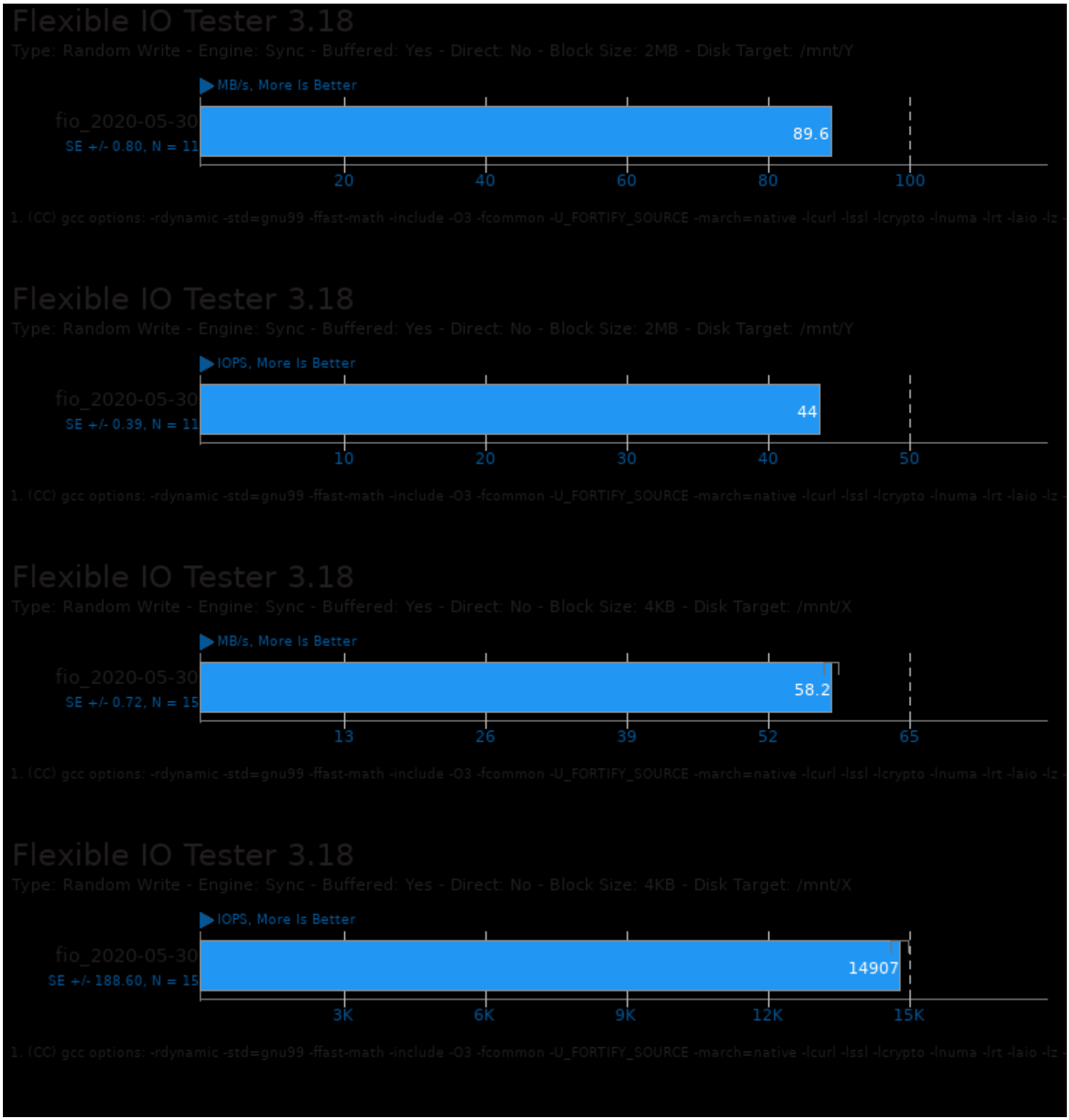



Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.03, N = 3
56.2
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
14
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.512
0.1152
0.2304
0.3456
0.4608
0.576
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

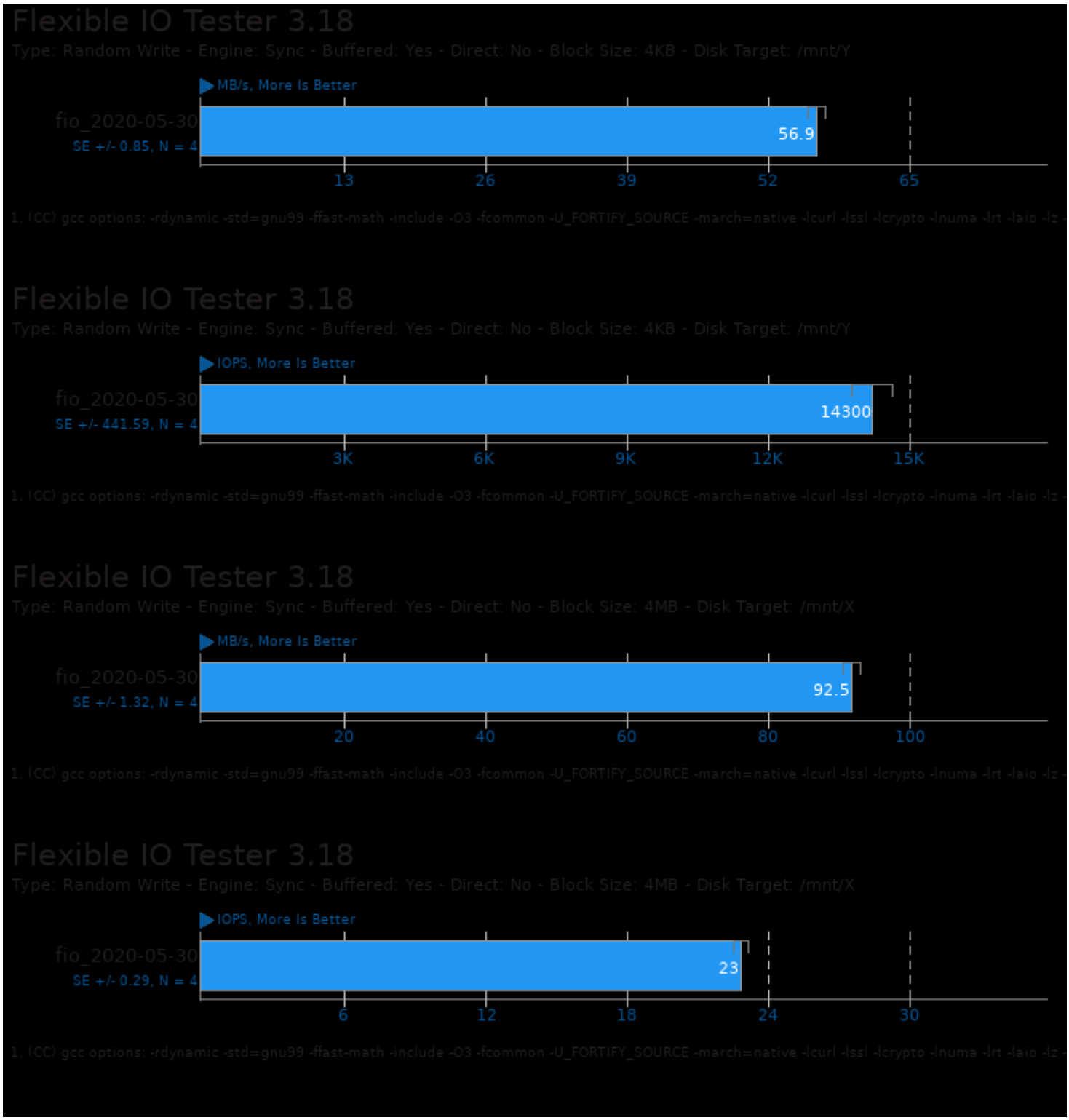

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.548
0.1233
0.2466
0.3699
0.4932
0.6165
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
68
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.07, N = 3
75.7
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
9
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.10, N = 3
73.6
16
32
48
64
80
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
9
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.11, N = 15
89.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 1.17, N = 14
89
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

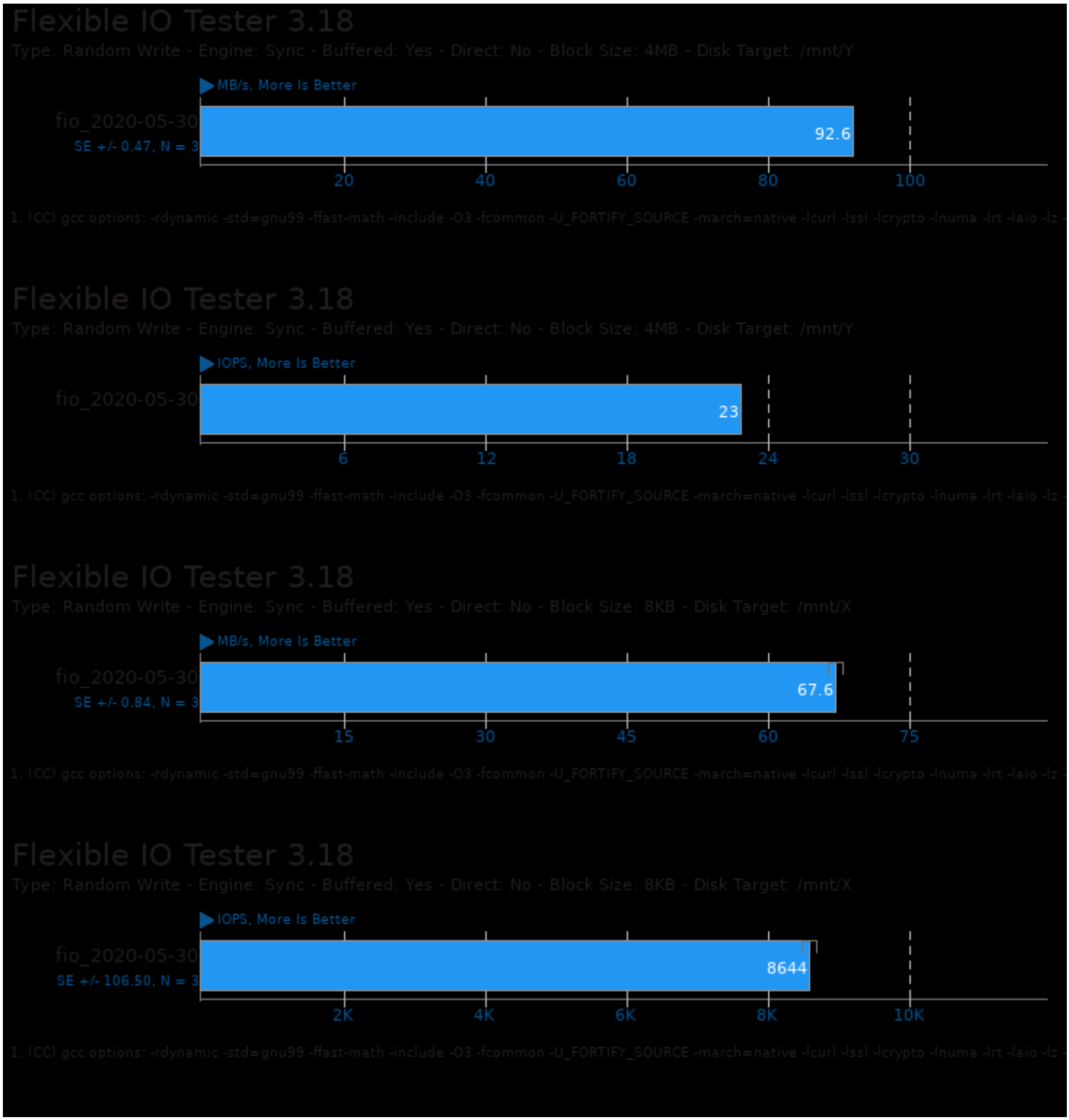

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.07, N = 3
86.4
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 1.15, N = 3
86
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.90, N = 15
90.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.46, N = 15
45
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.80, N = 11
89.6
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.39, N = 11
44
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.72, N = 15
58.2
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 188.60, N = 15
14907
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

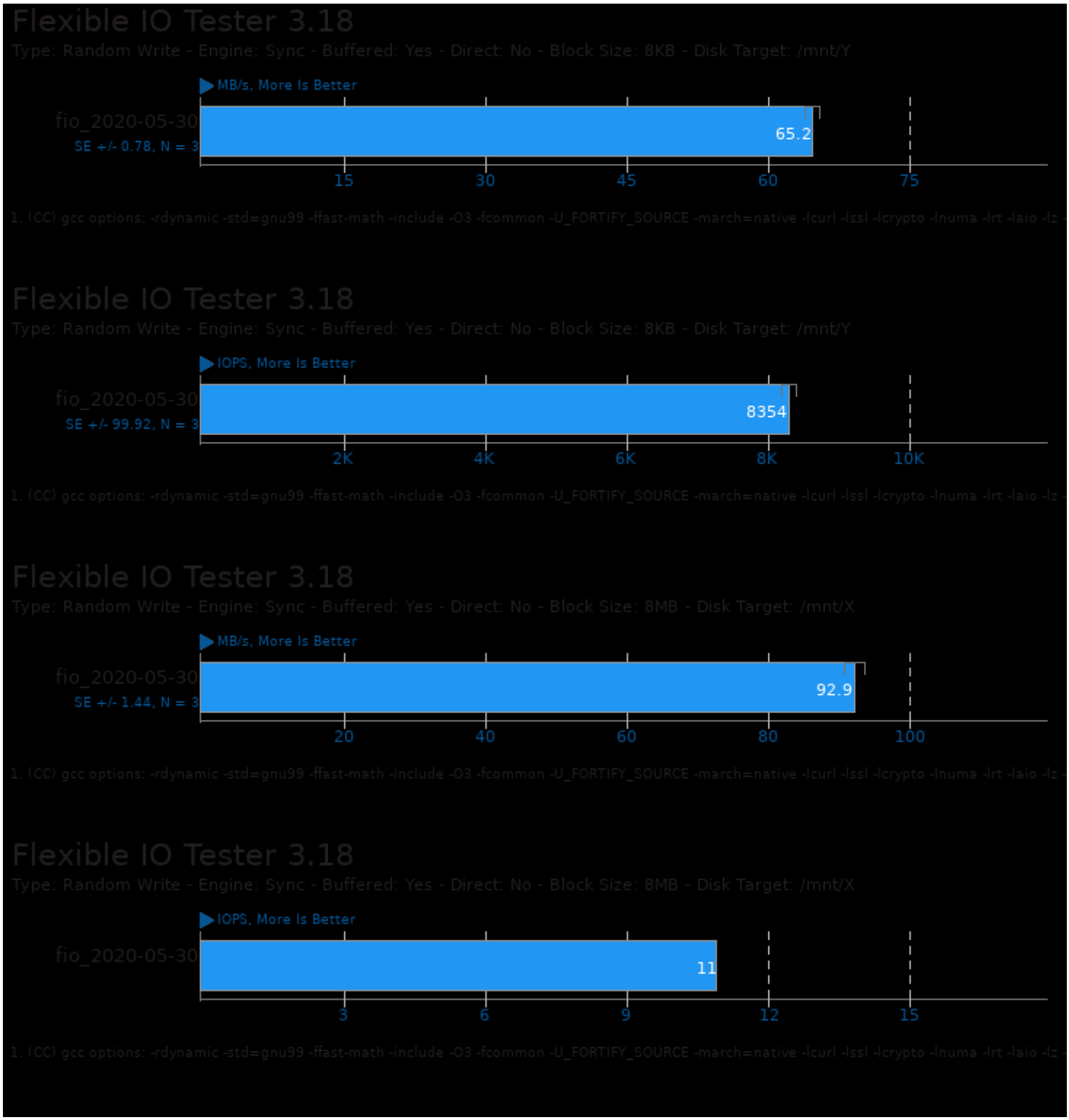
fio_2020-05-30

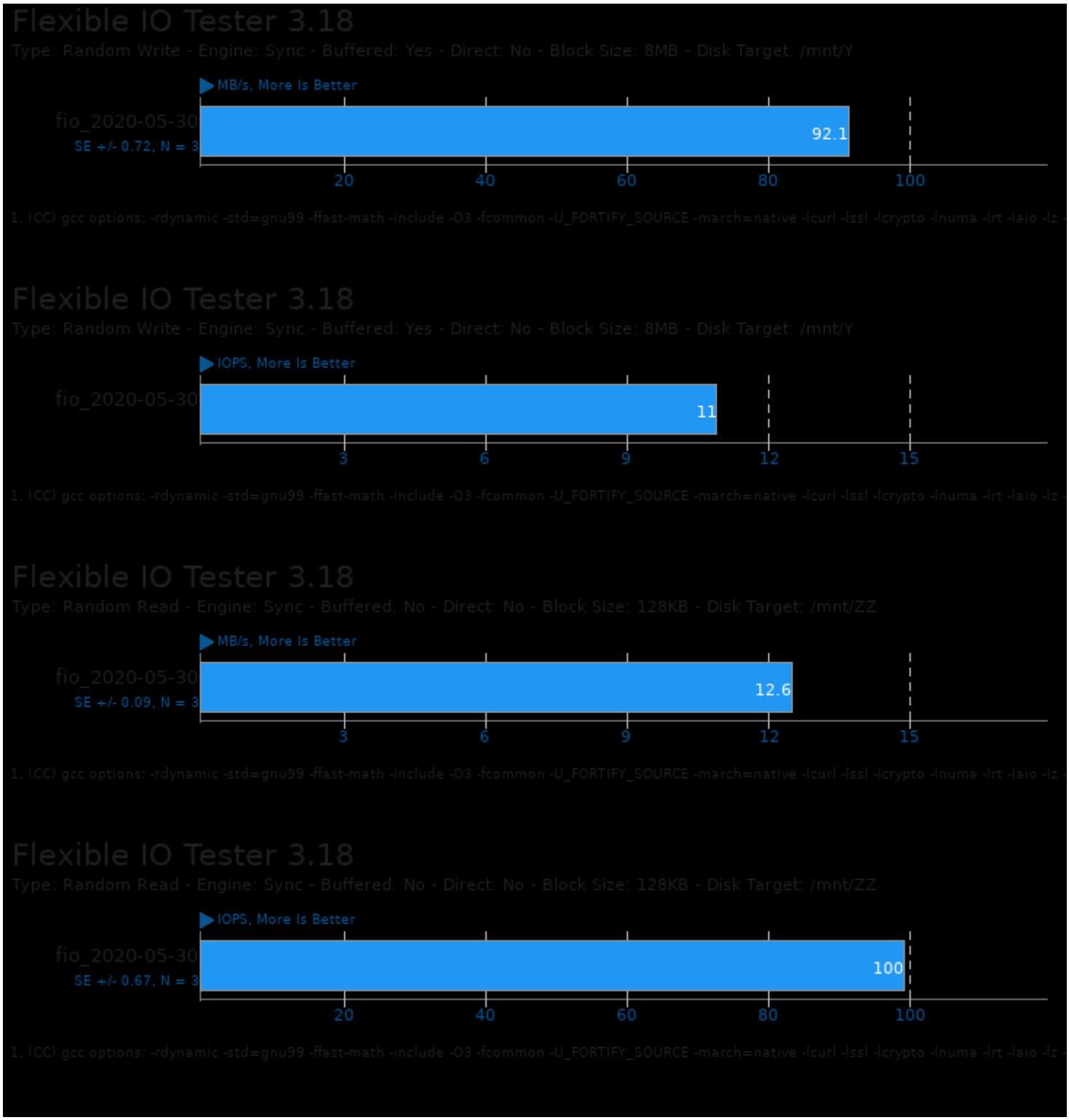


fio_2020-05-30

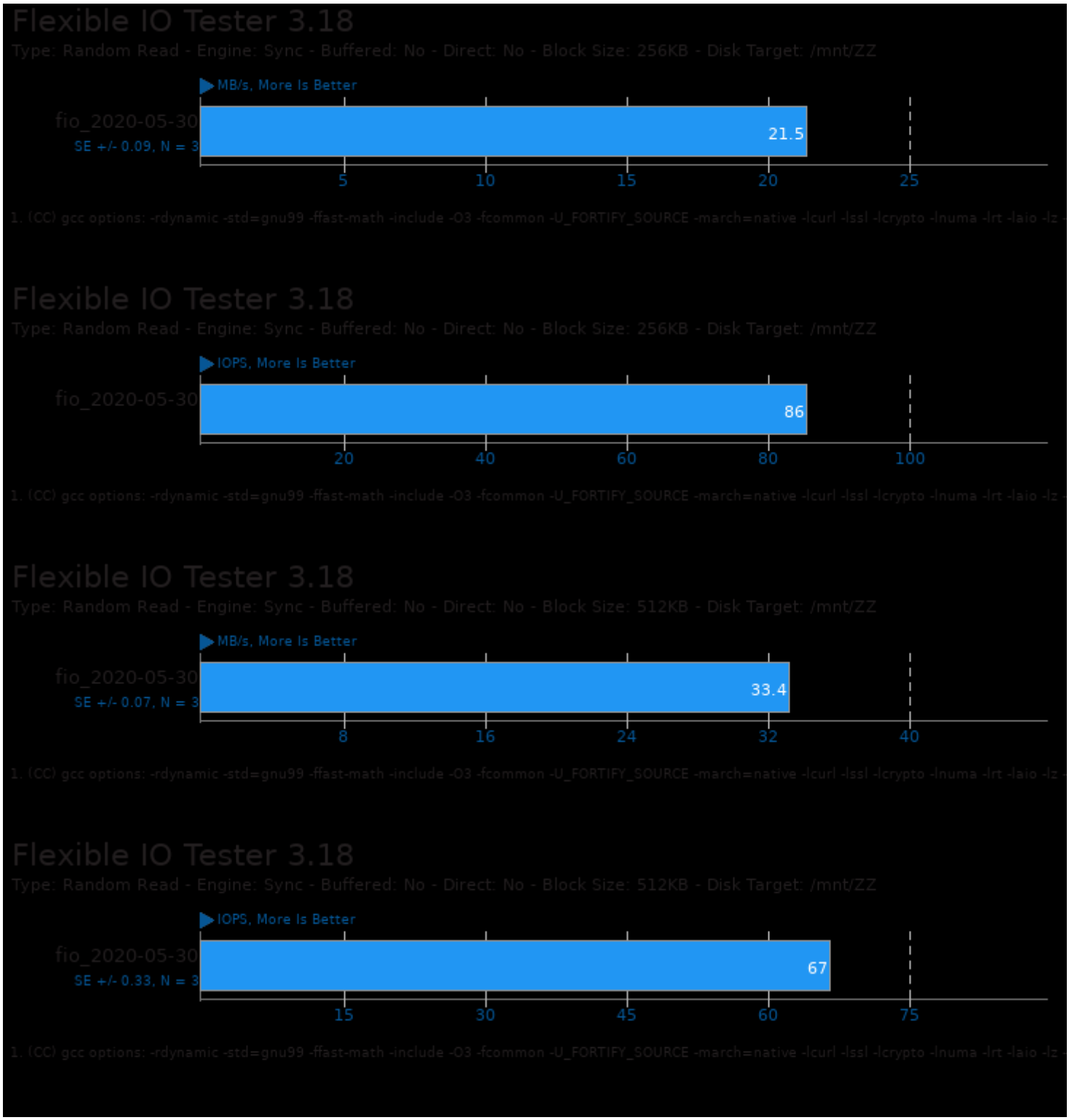


fio_2020-05-30

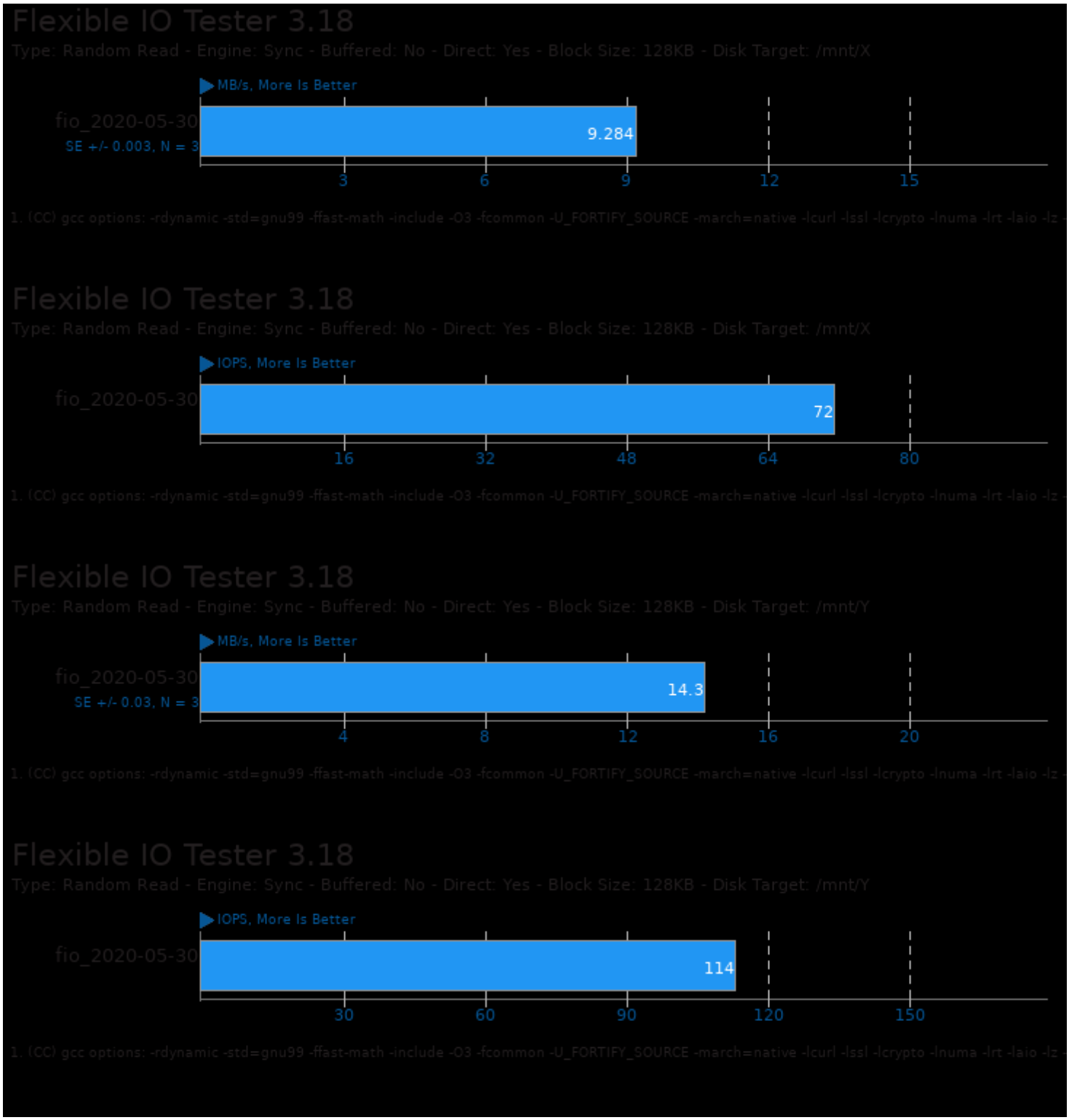


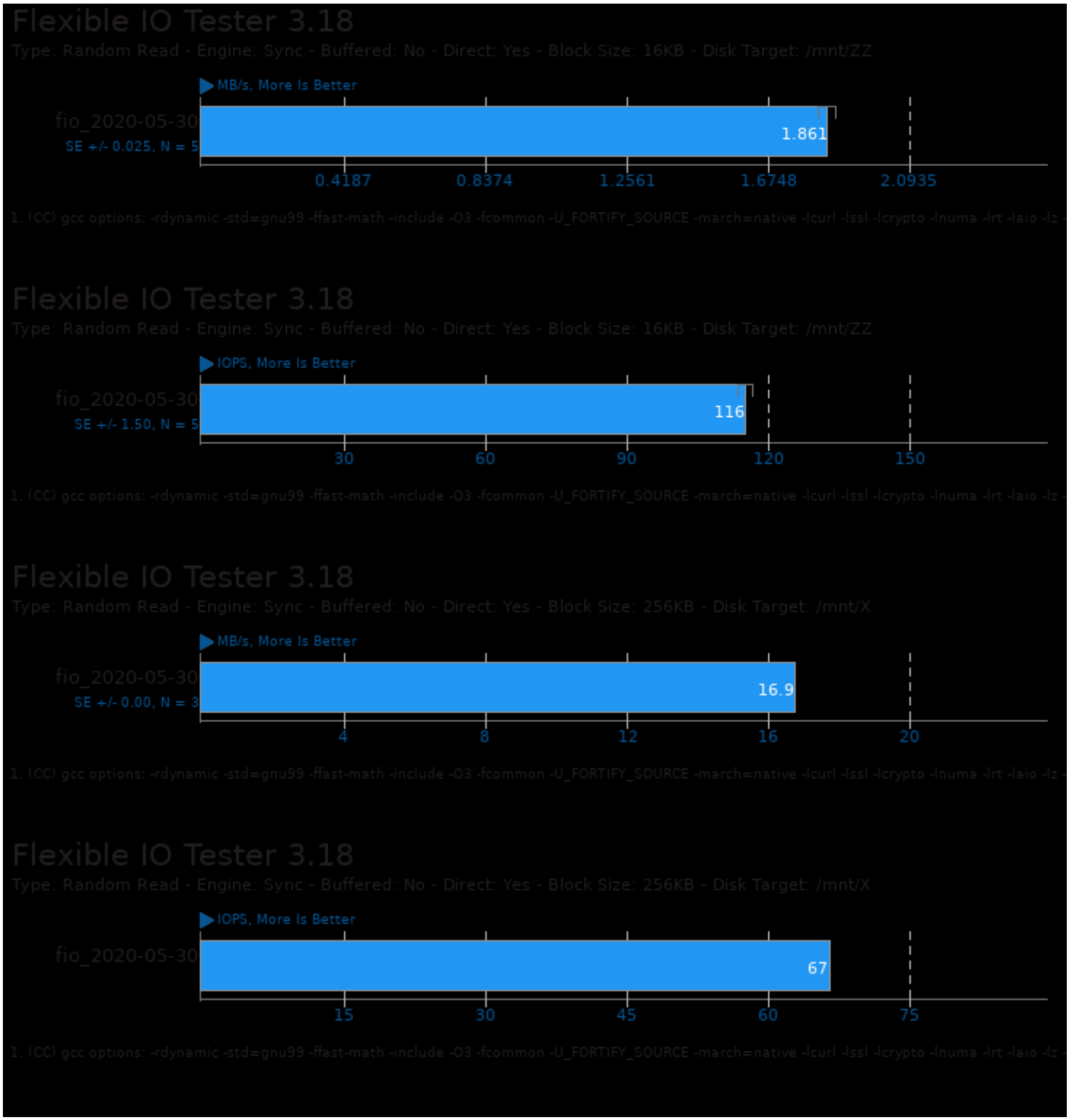

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.72, N = 3
92.1
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
11
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.09, N = 3
12.6
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.67, N = 3
100
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

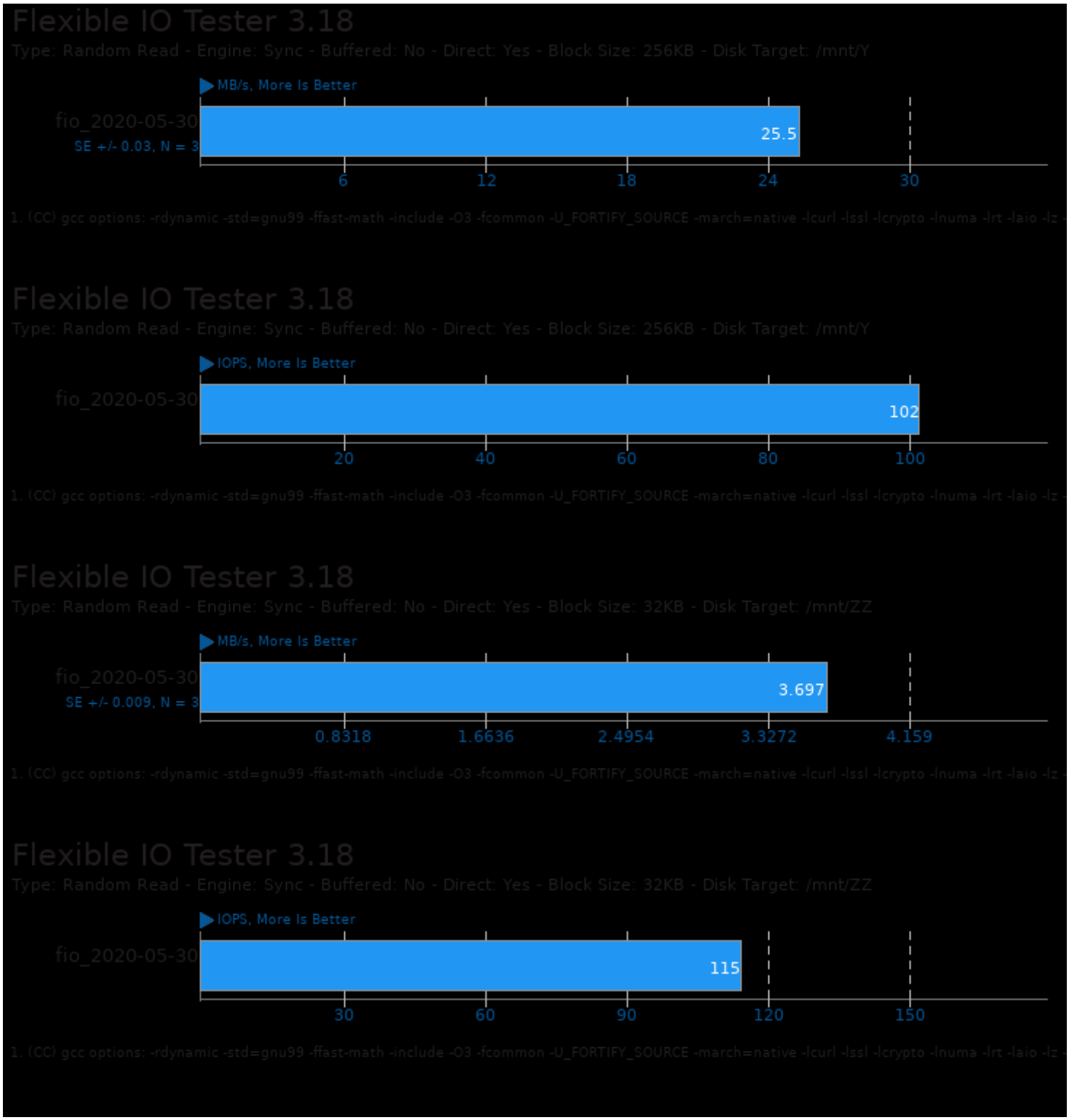


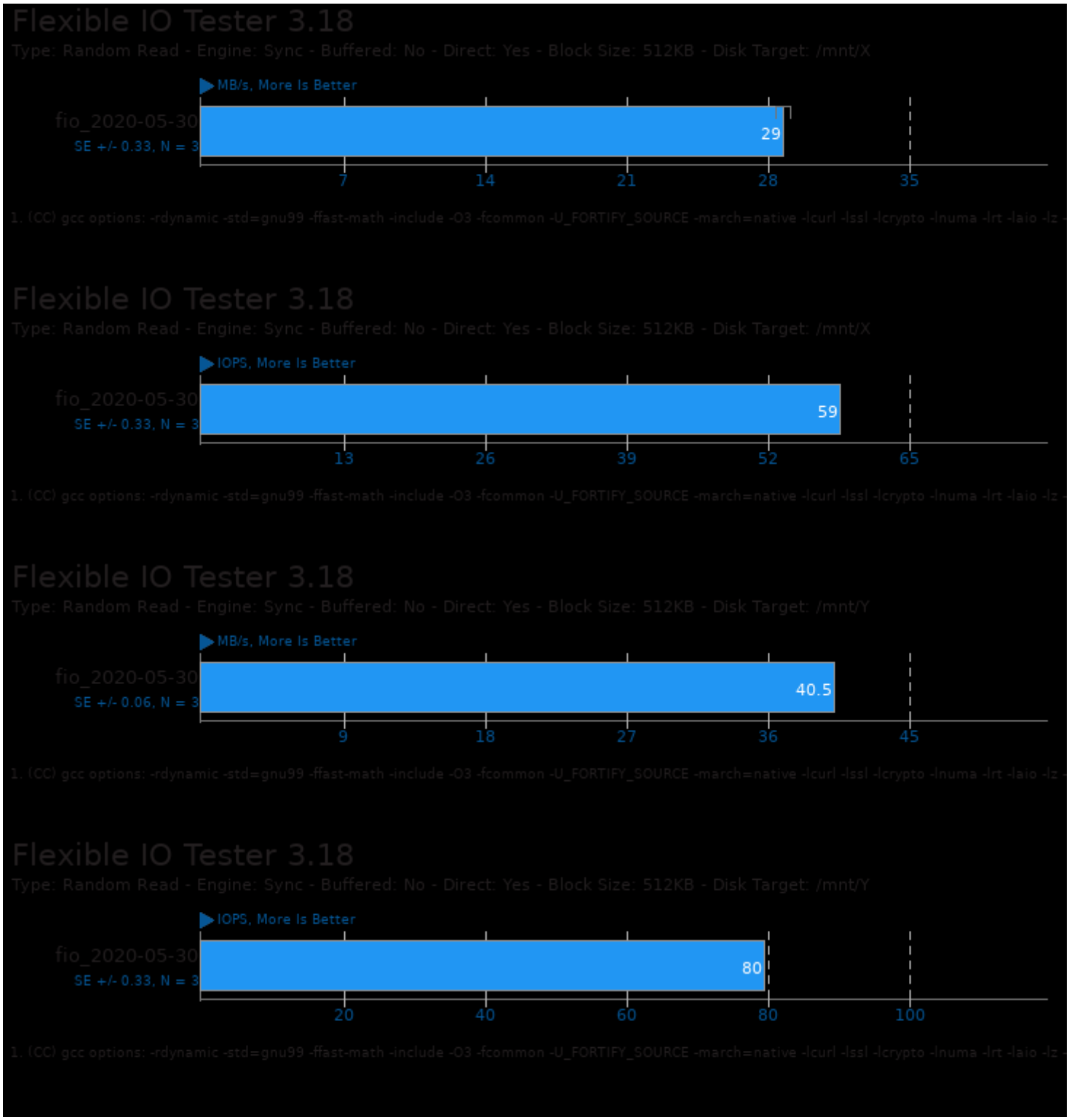
fio_2020-05-30

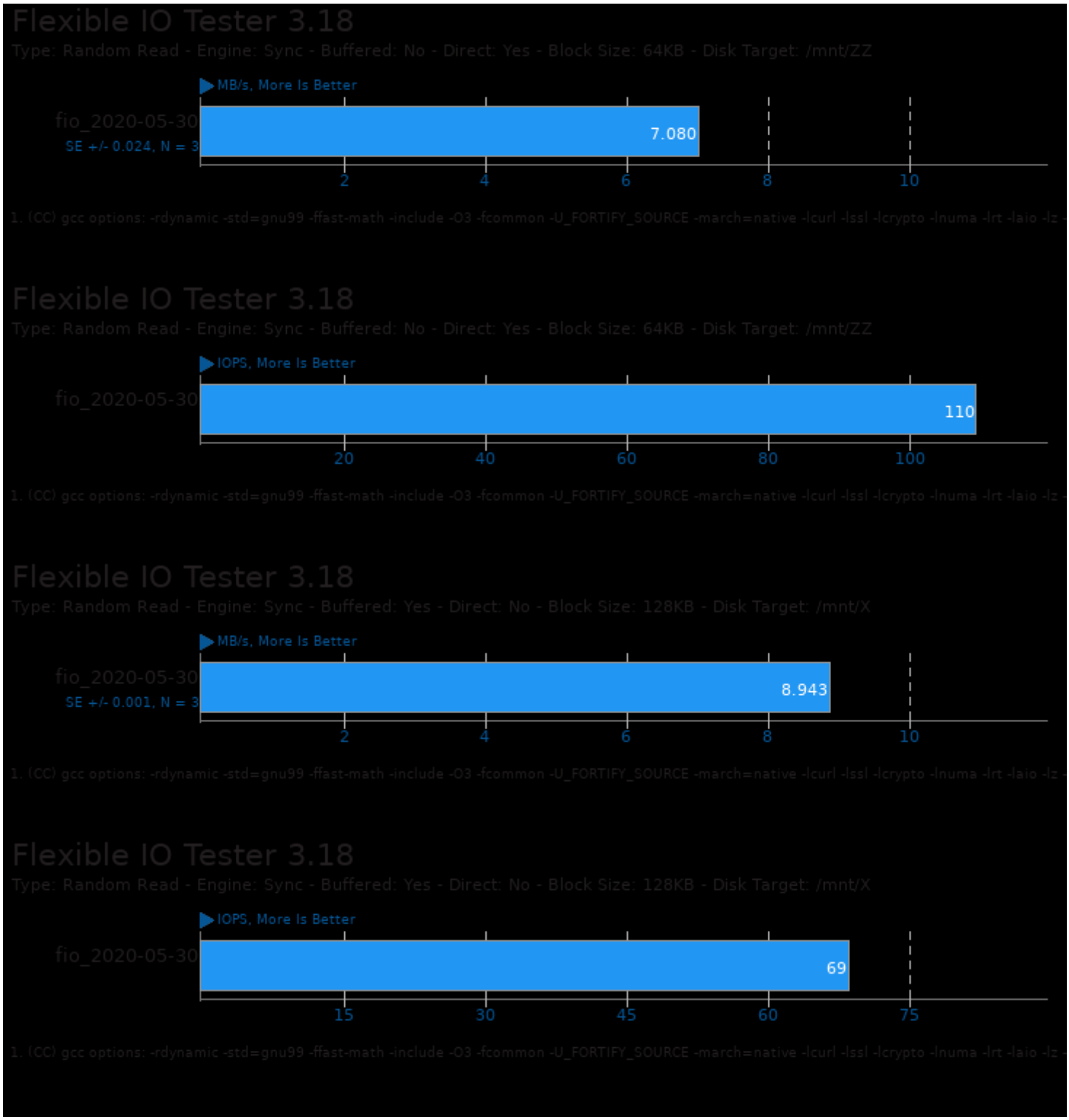



Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.025, N = 5
1.861
0.4187
0.8374
1.2561
1.6748
2.0935
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 1.50, N = 5
116
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.00, N = 3
16.9
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
67
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

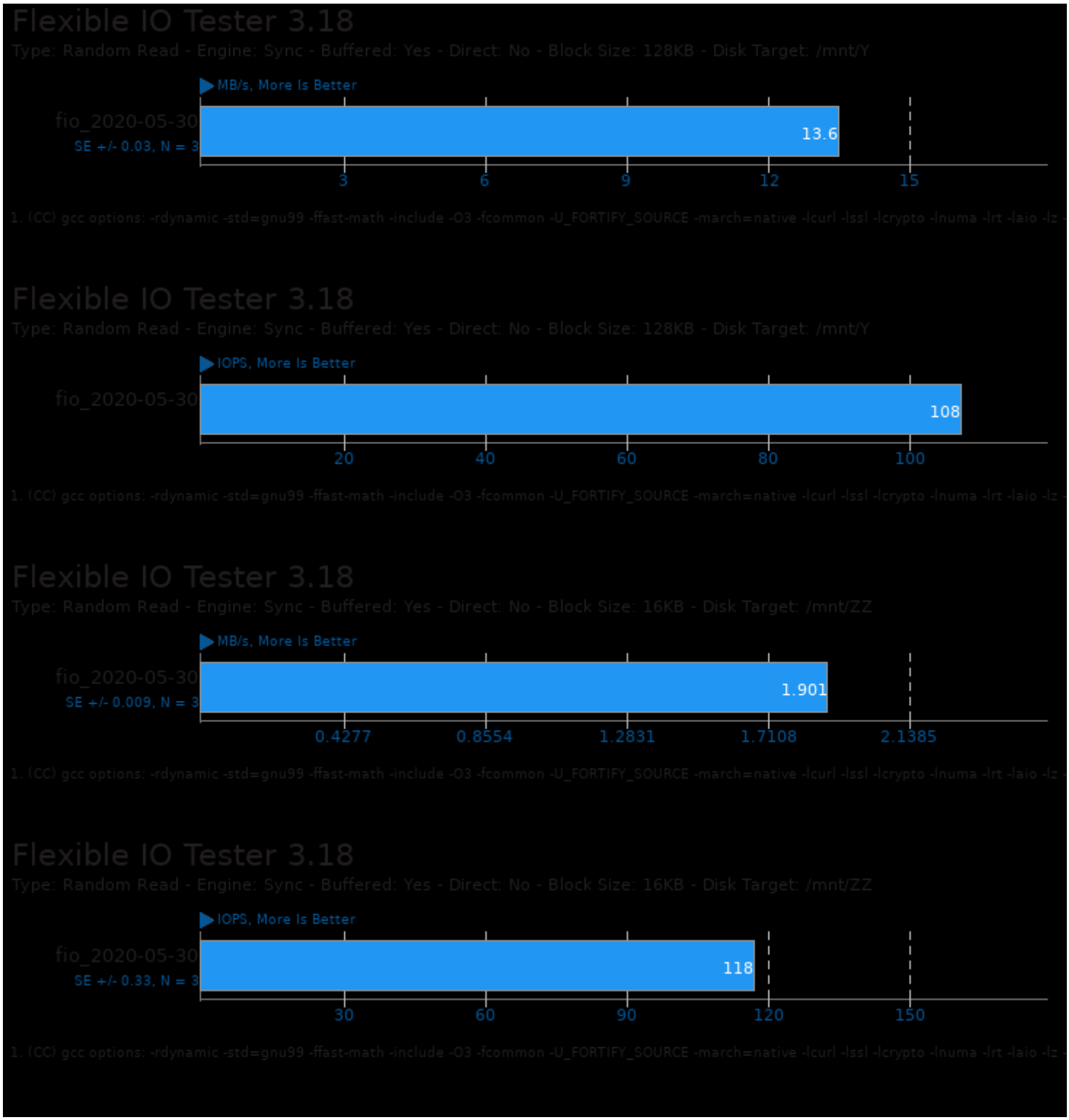
fio_2020-05-30



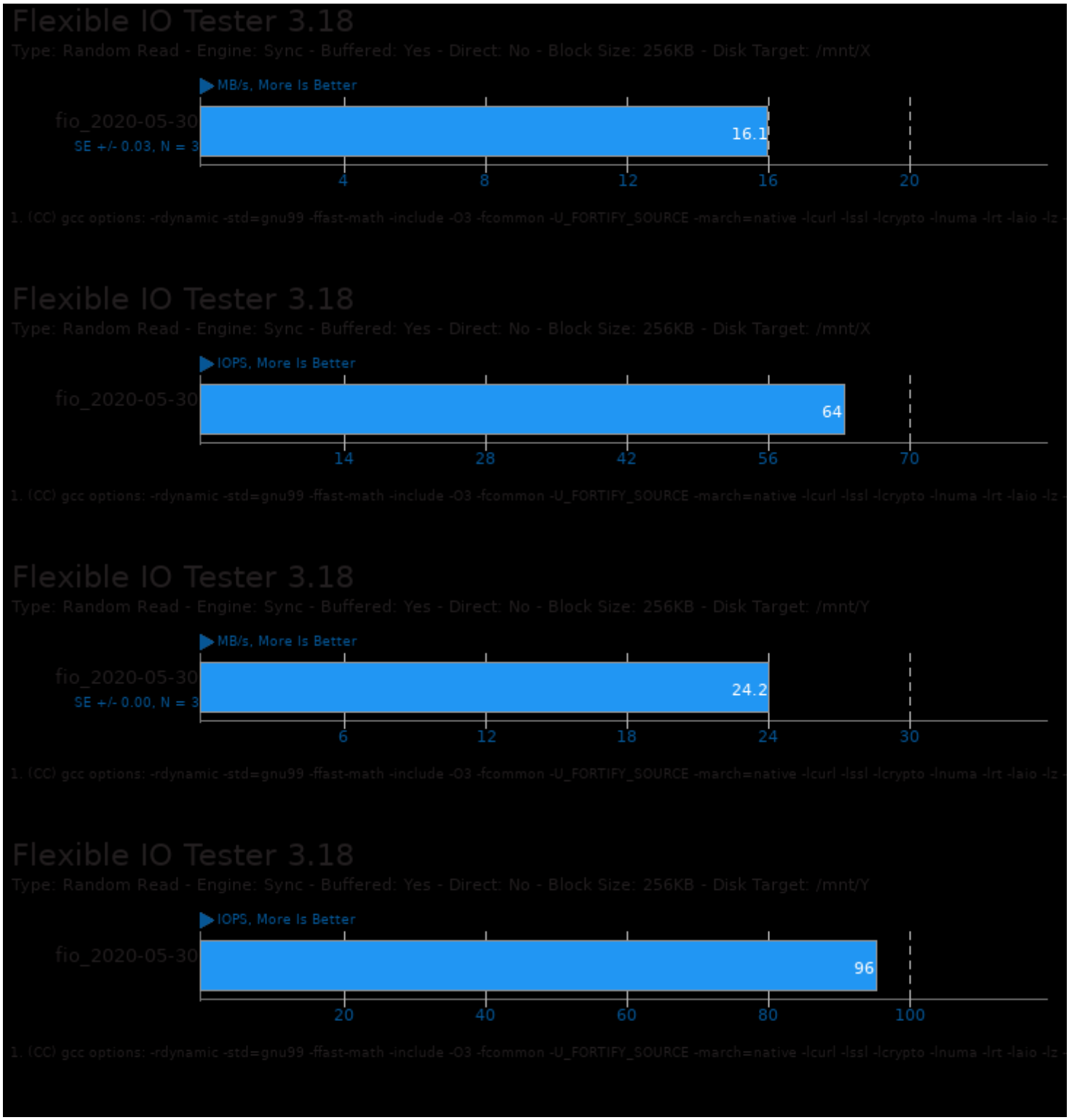

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
29
7
14
21
28
35
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
59
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.06, N = 3
40.5
9
18
27
36
45
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
80
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

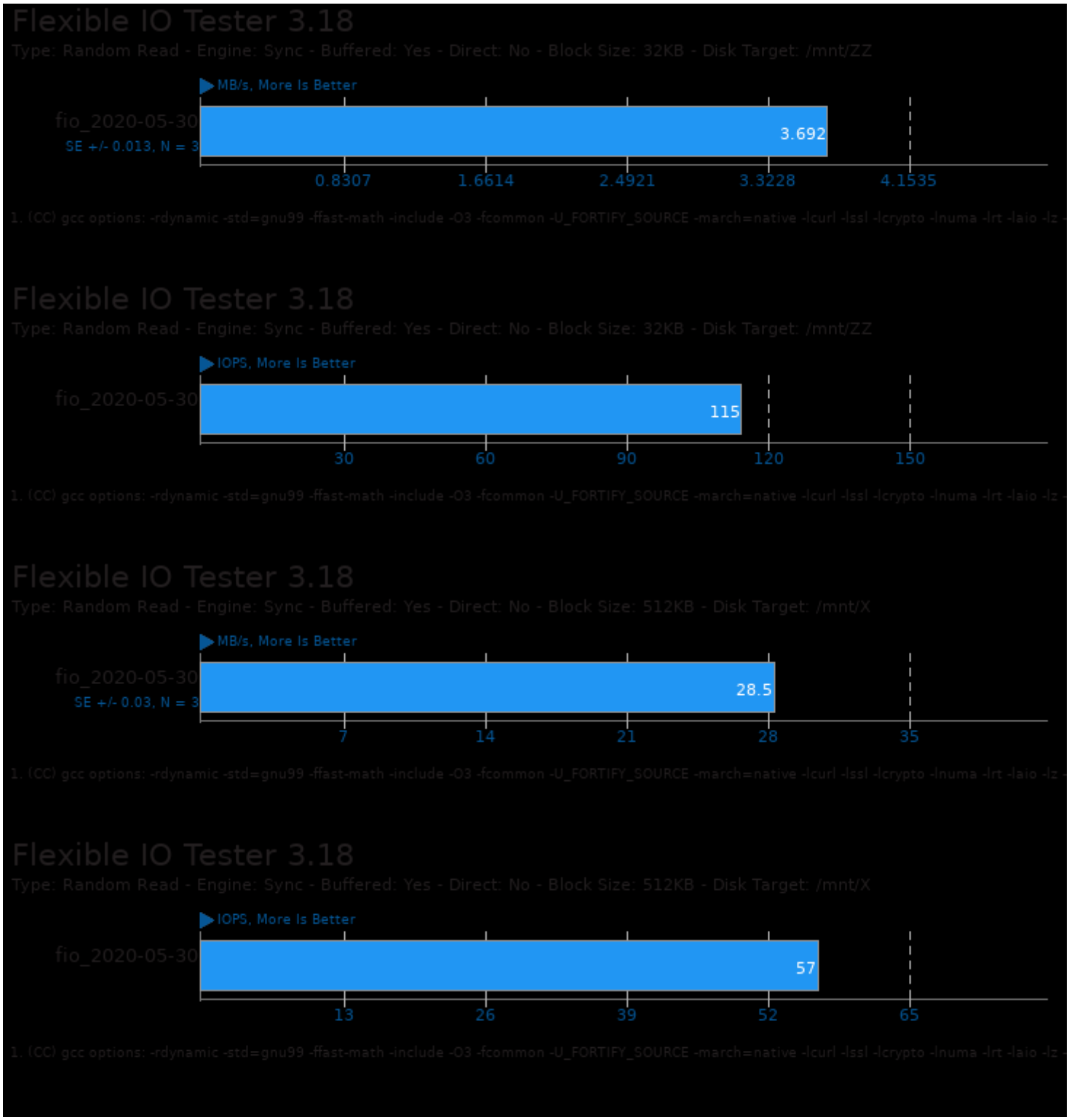

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.024, N = 3
7.080
2
4
6
8
10
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
110
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
8.943
2
4
6
8
10
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
69
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

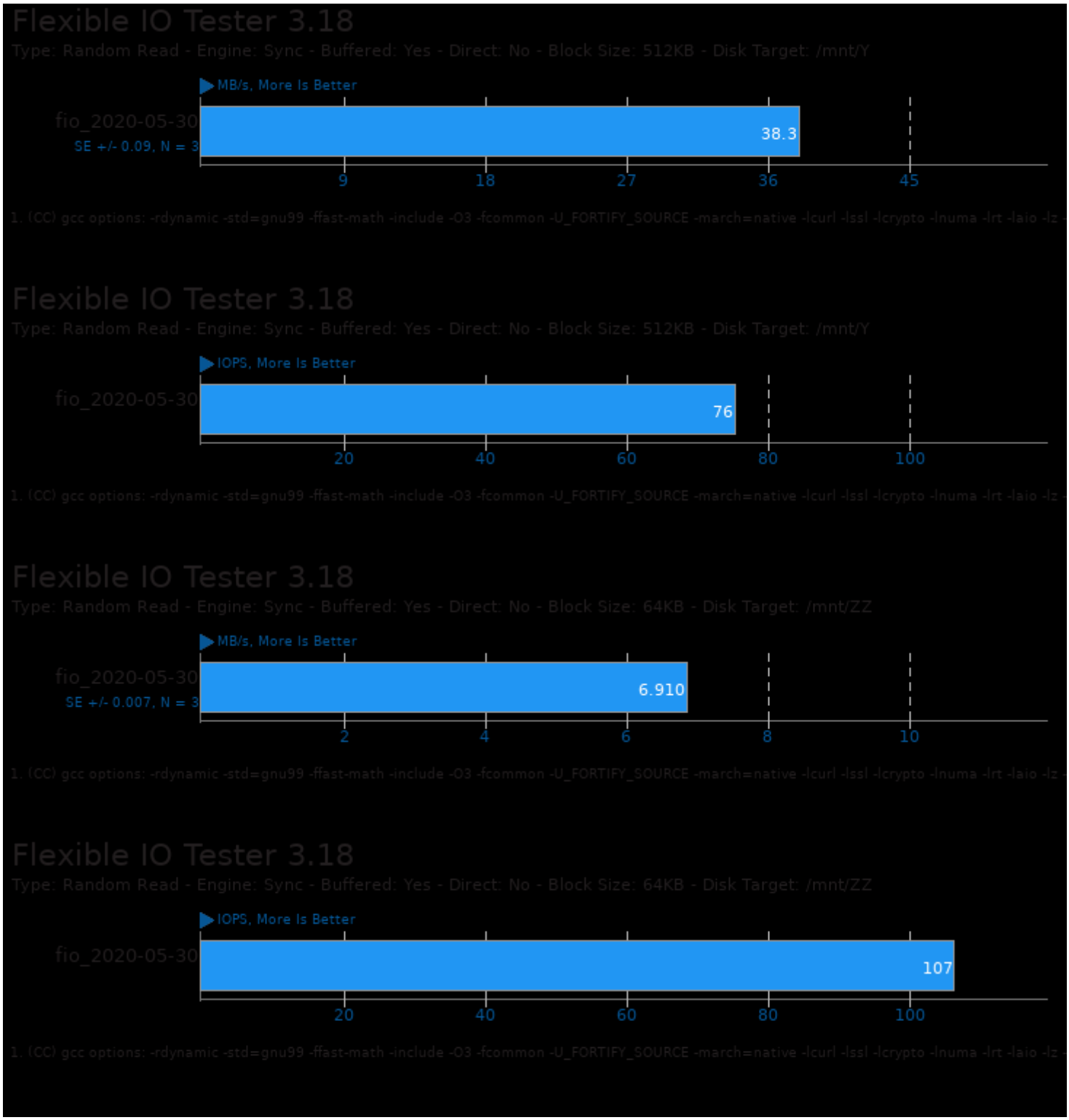


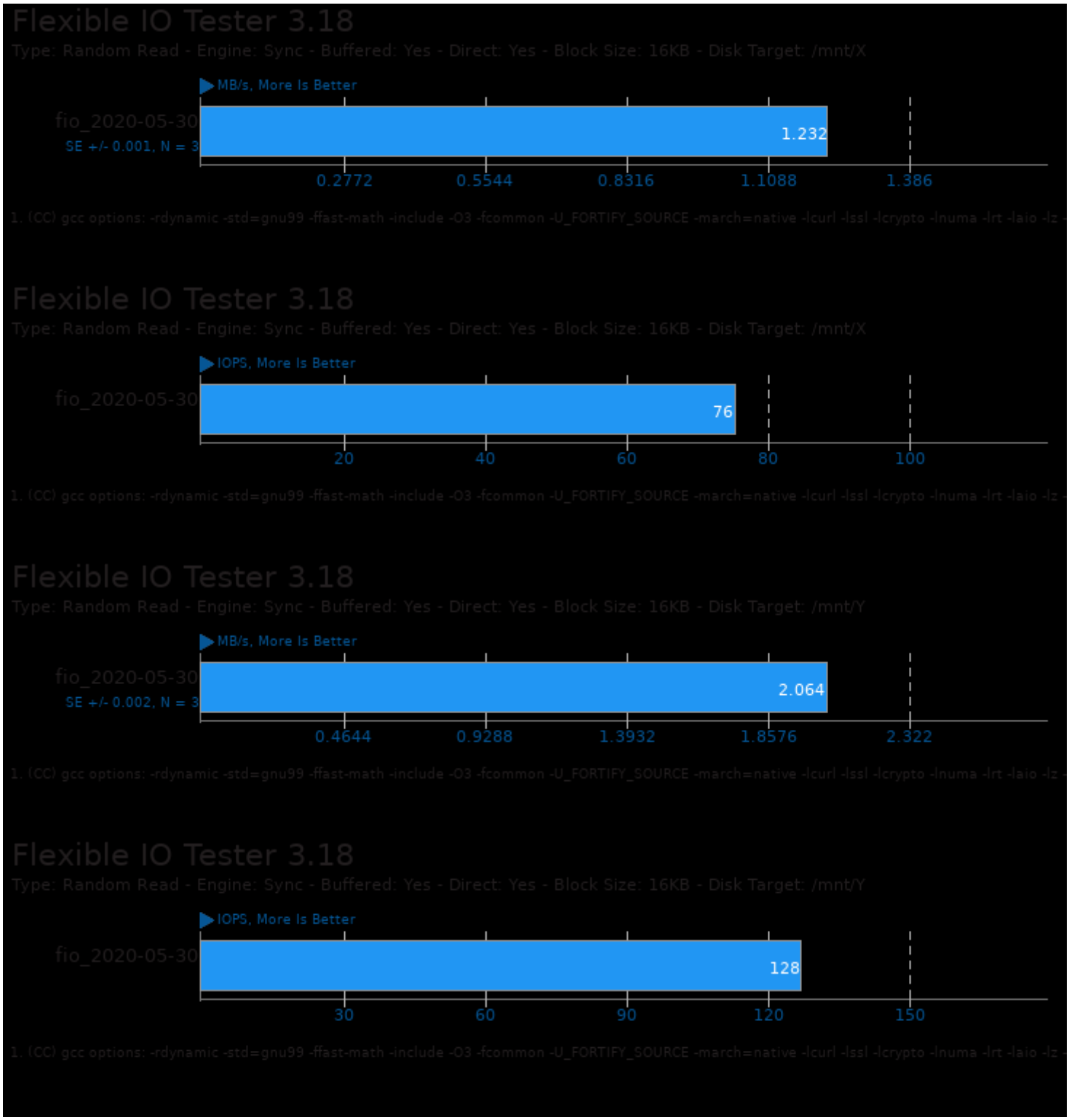
fio_2020-05-30

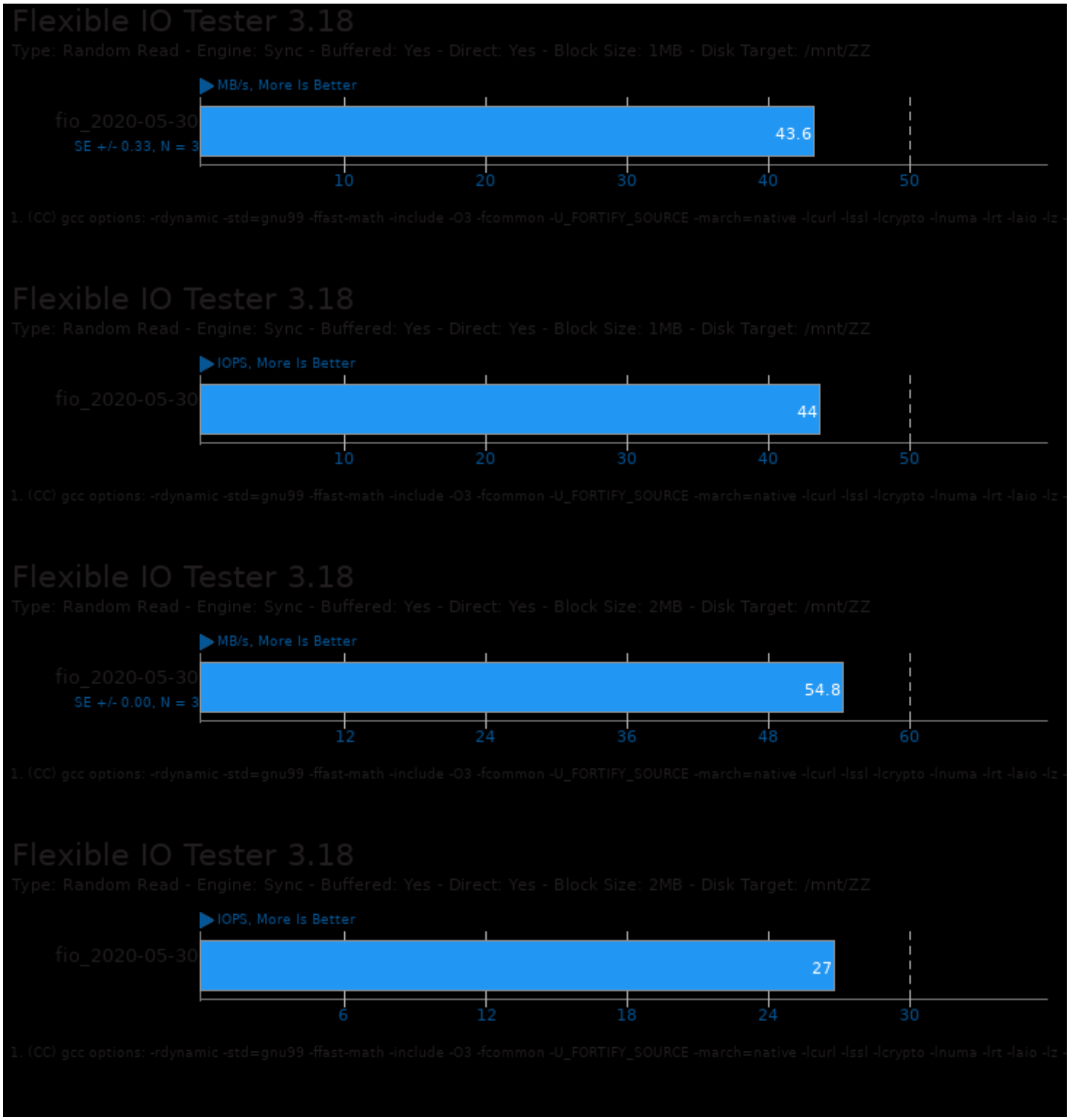



Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.013, N = 3
3.692
0.8307
1.6614
2.4921
3.3228
4.1535
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
115
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.03, N = 3
28.5
7
14
21
28
35
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
57
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

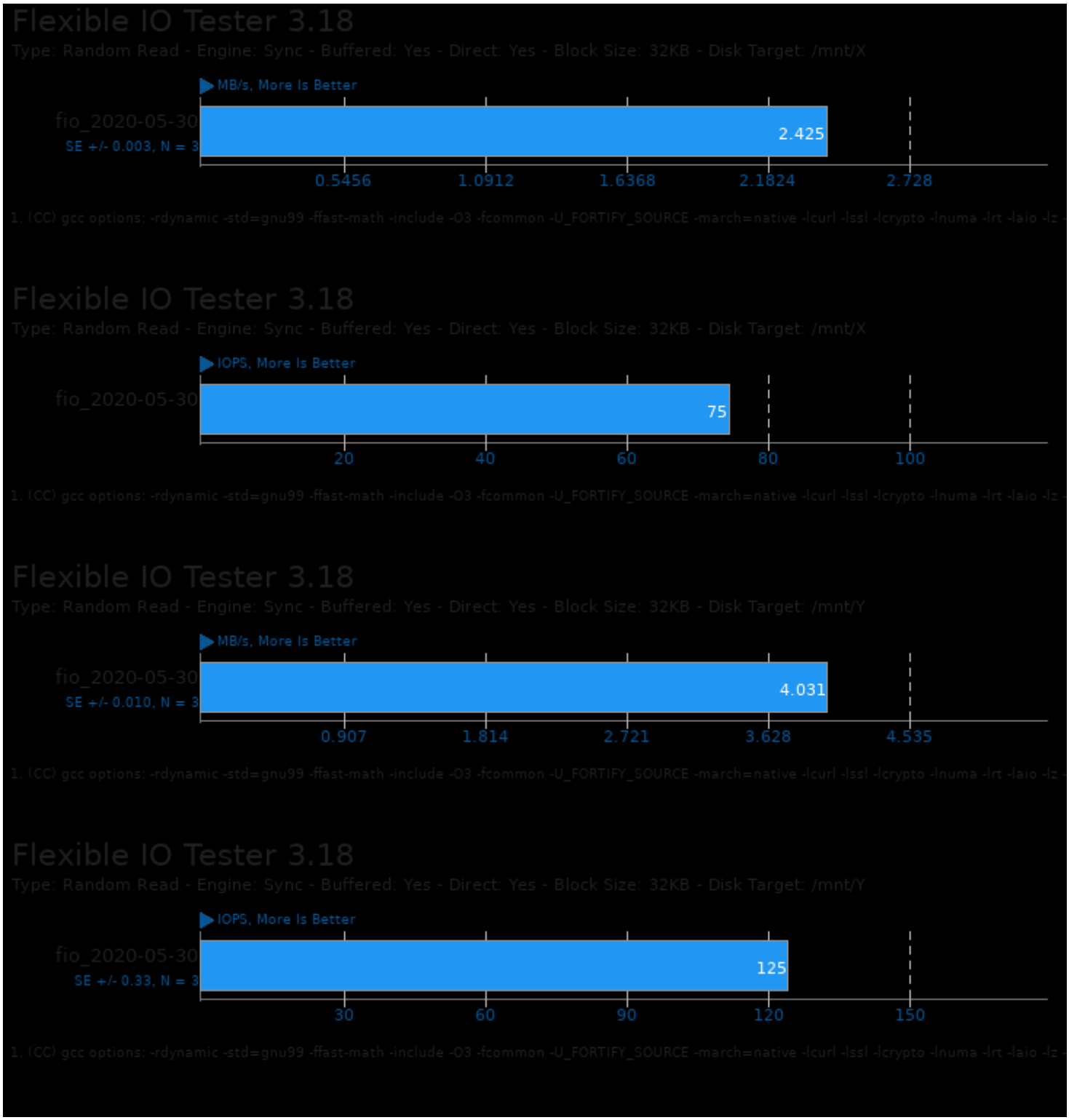
fio_2020-05-30

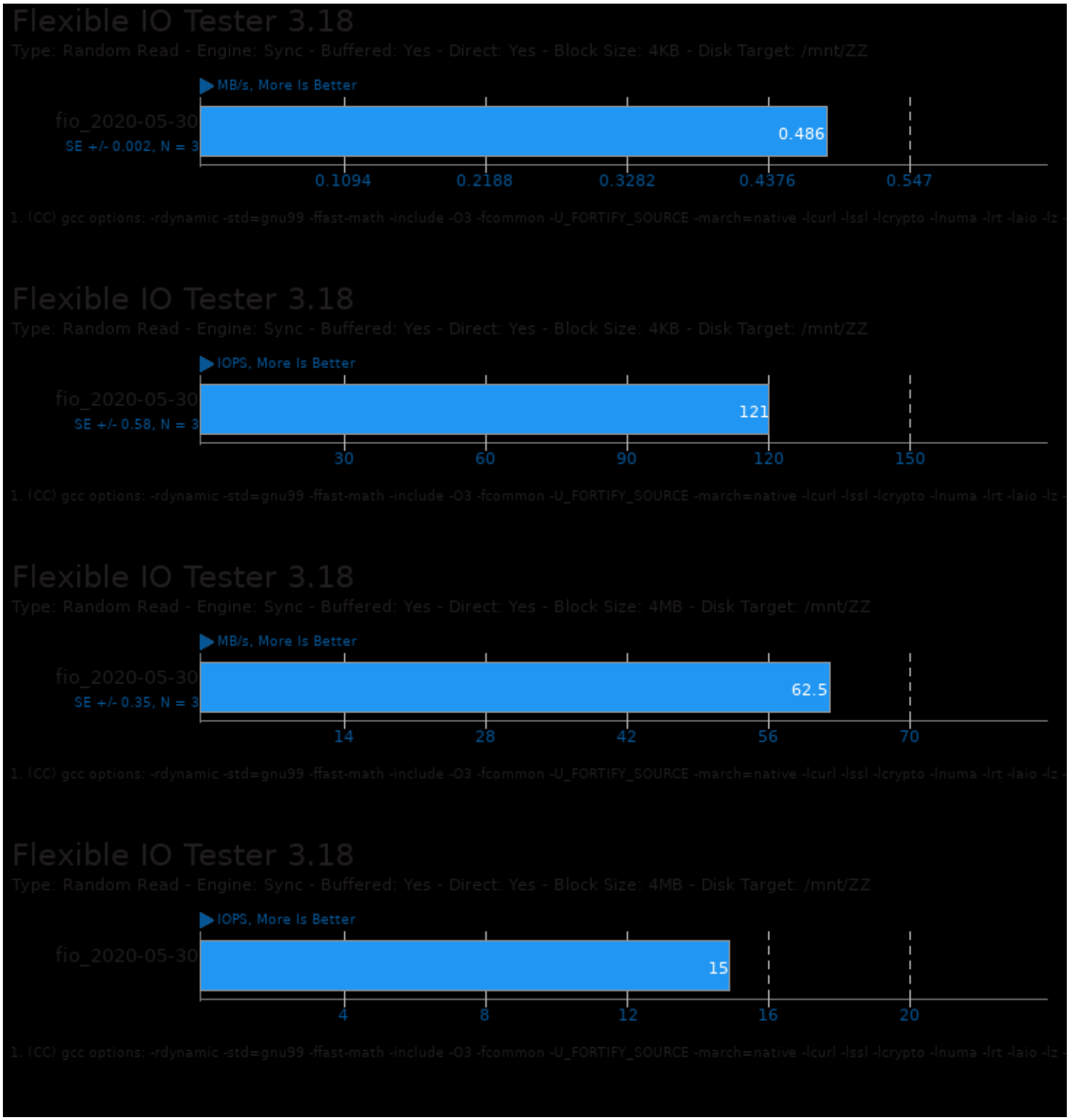



Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
1.232
0.2772
0.5544
0.8316
1.1088
1.386
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
76
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
2.064
0.4644
0.9288
1.3932
1.8576
2.322
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
128
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

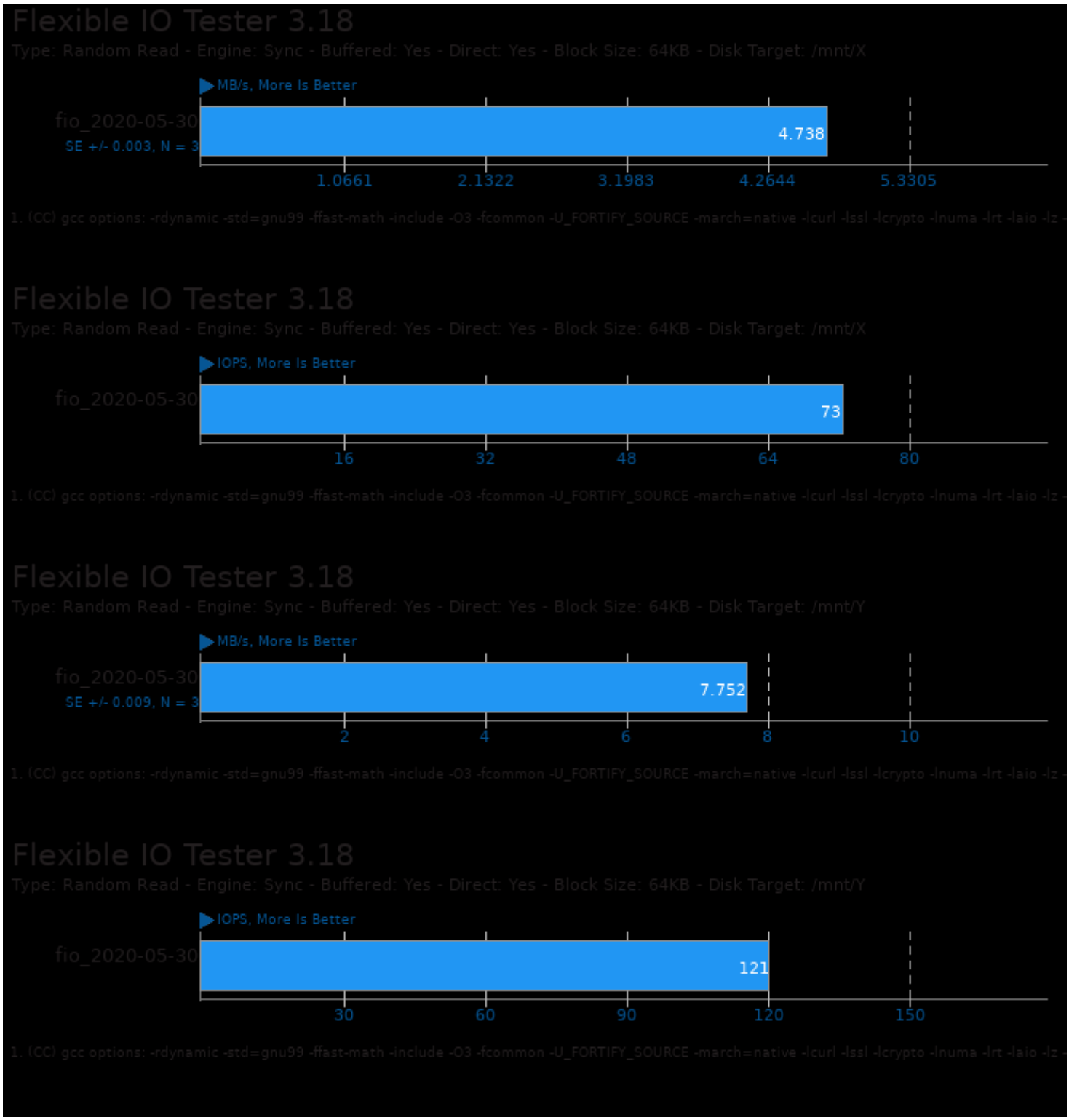

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
43.6
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
44
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.00, N = 3
54.8
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
27
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

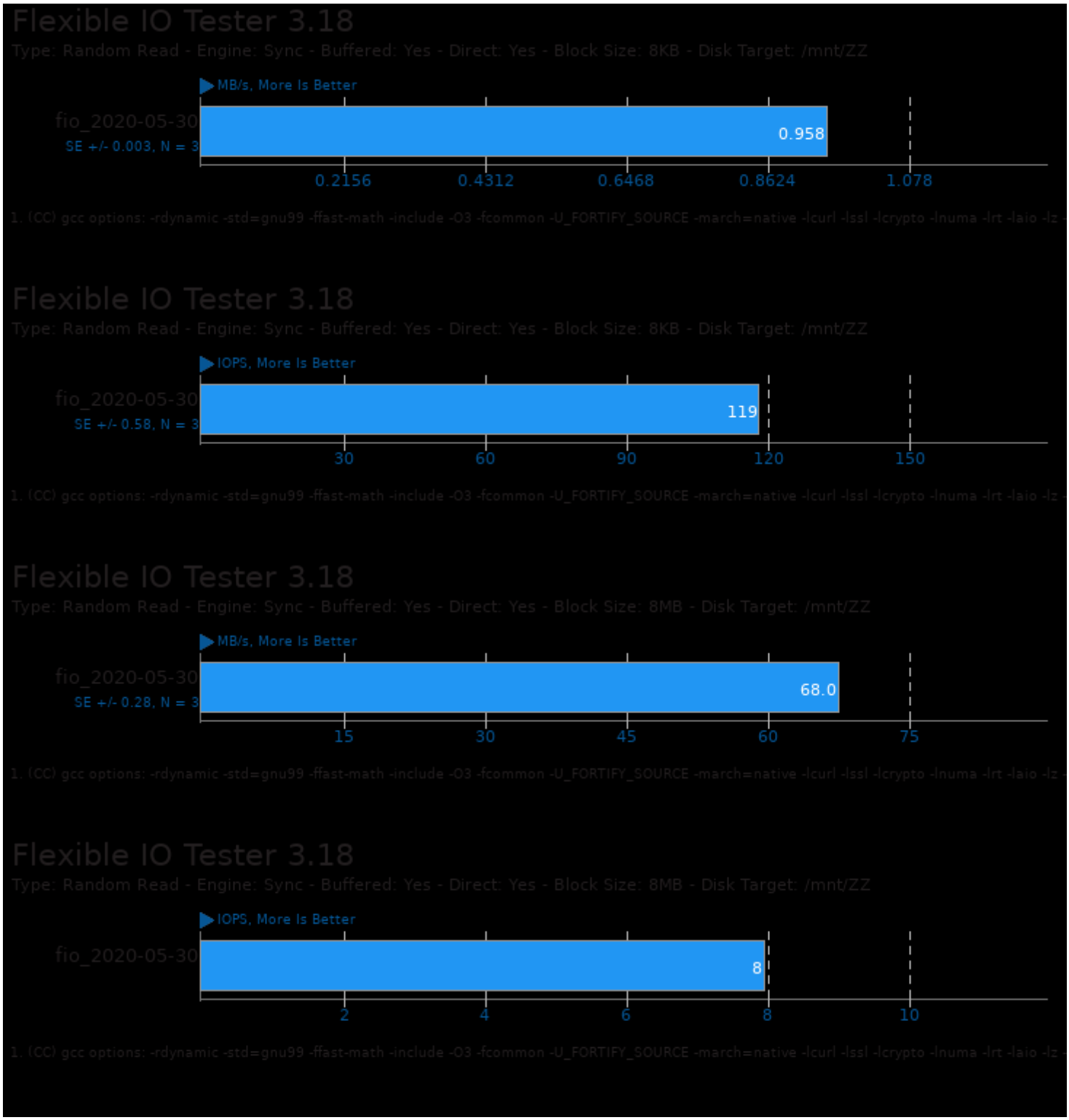
fio_2020-05-30



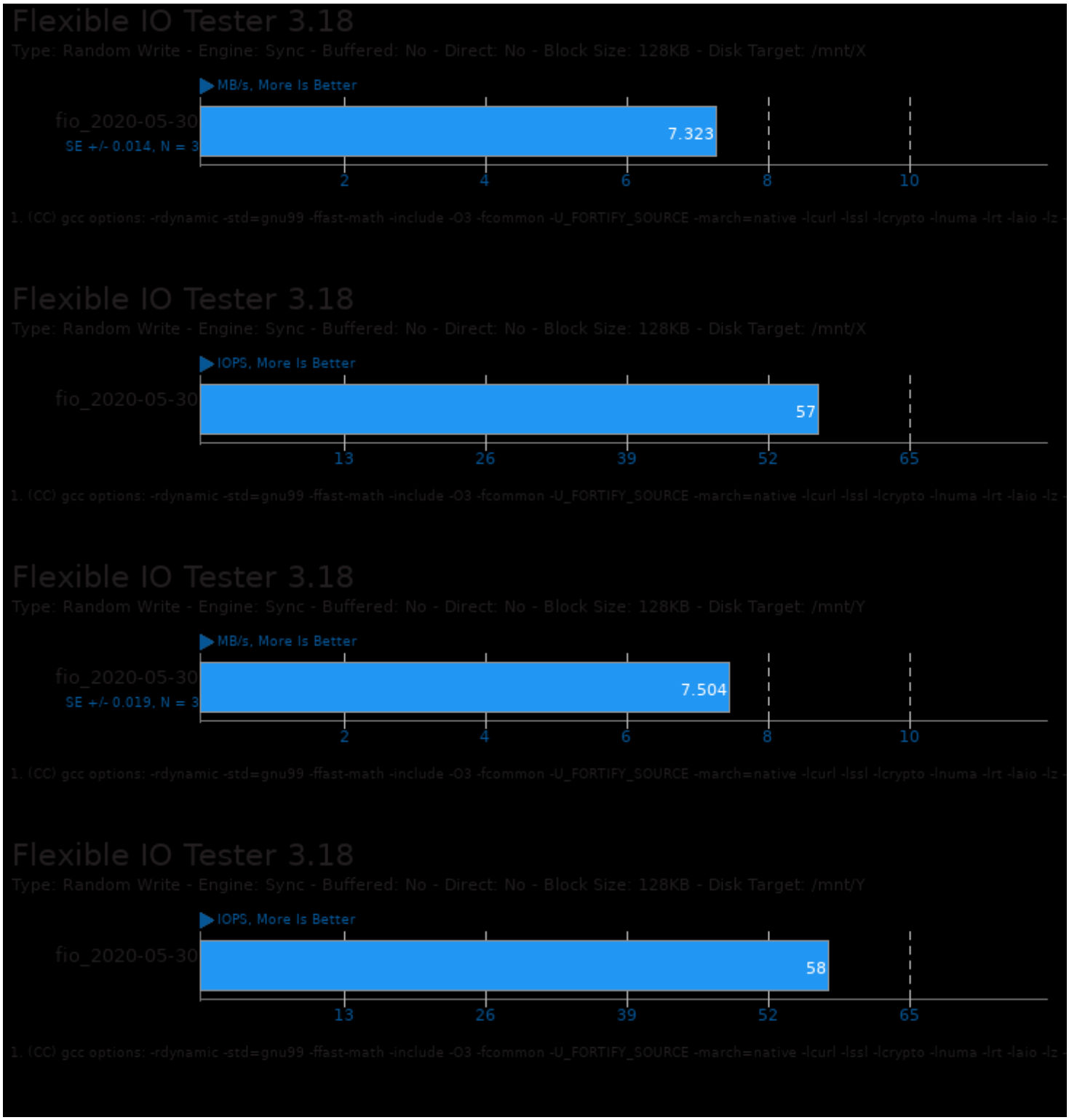

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.486
0.1094
0.2188
0.3282
0.4376
0.547
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.58, N = 3
121
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.35, N = 3
62.5
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

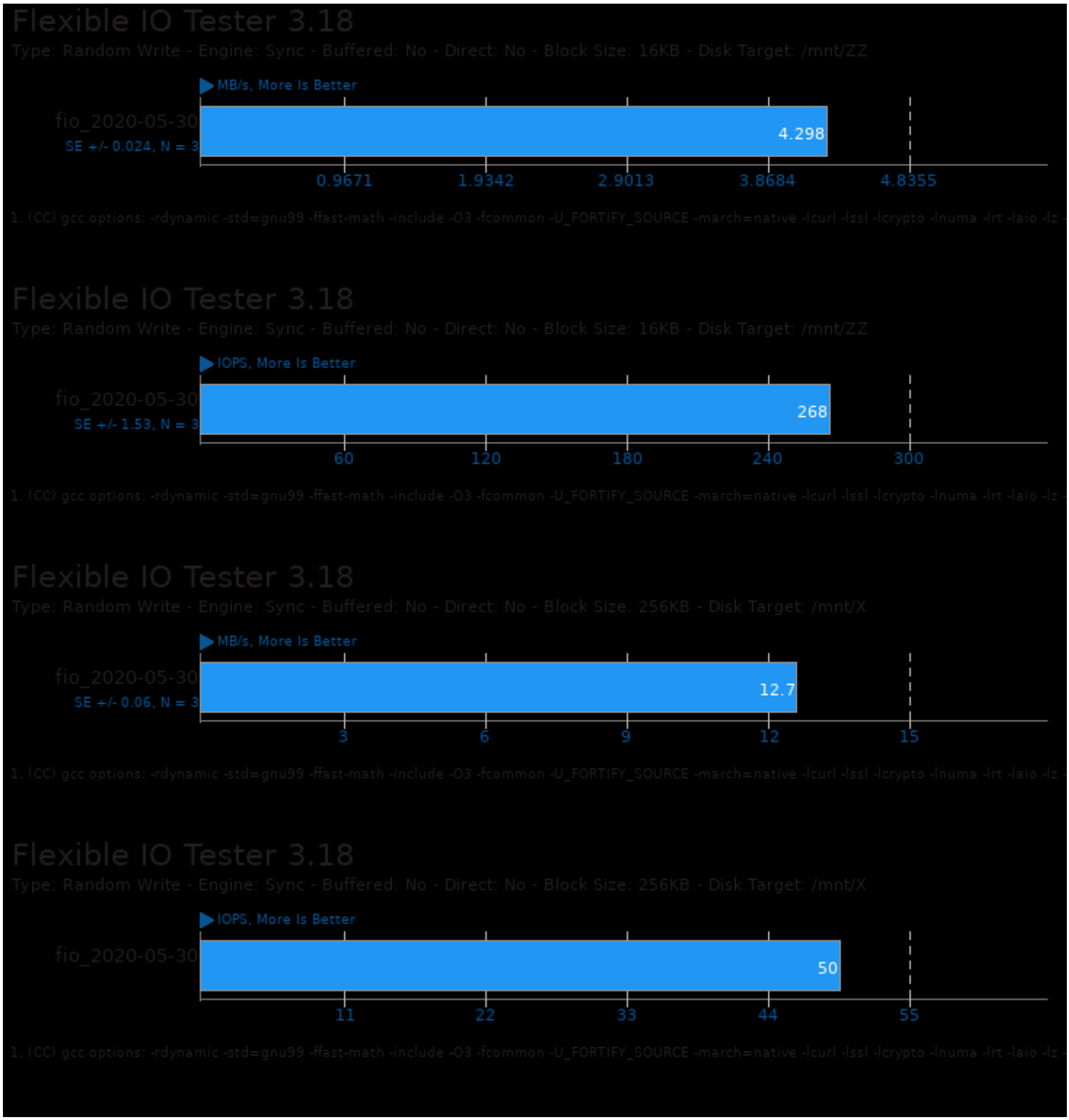
fio_2020-05-30



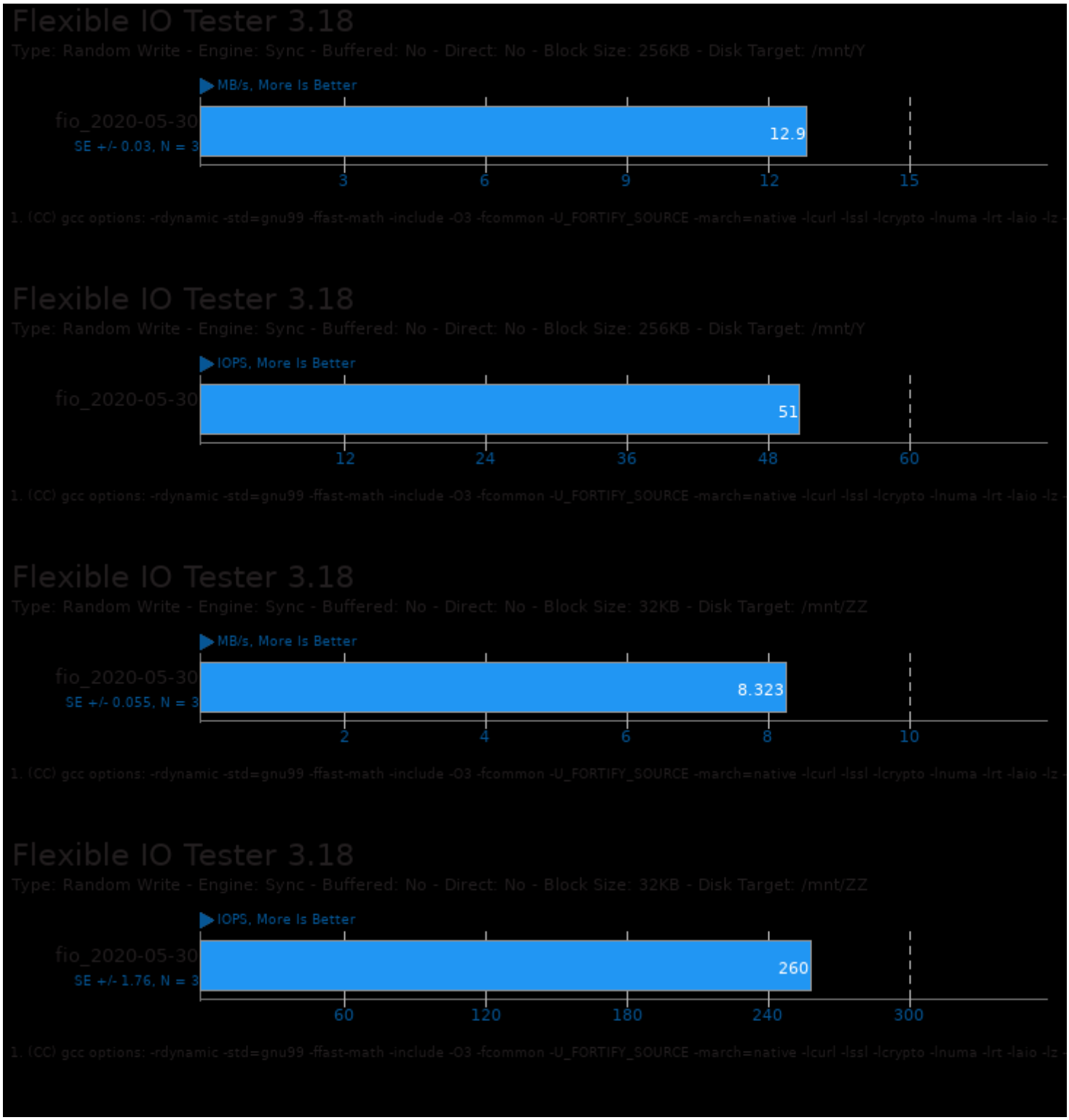

Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.003, N = 3
0.958
0.2156
0.4312
0.6468
0.8624
1.078
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.58, N = 3
119
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.28, N = 3
68.0
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
8
2
4
6
8
10
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

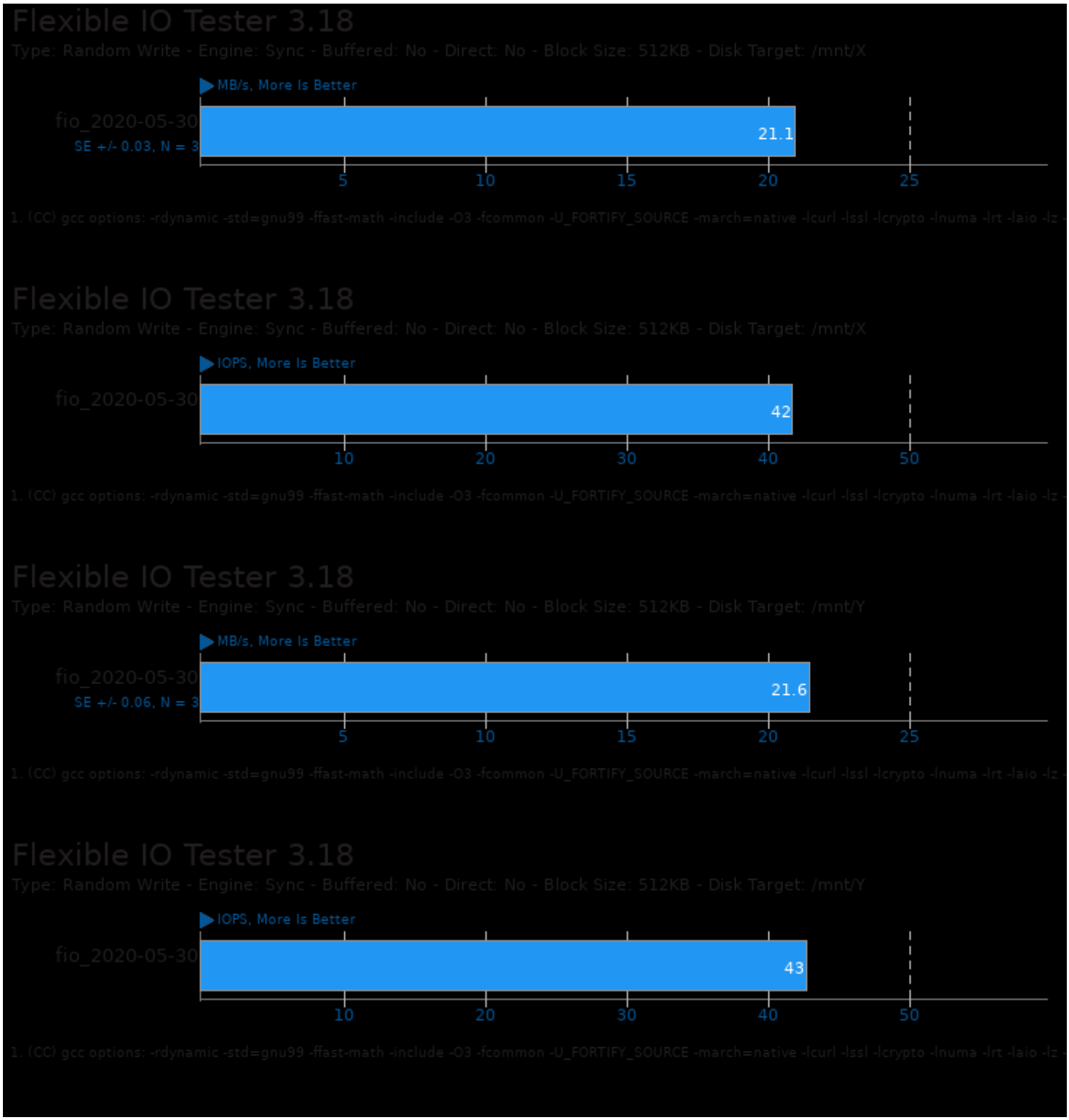



Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.024, N = 3
4.298
0.9671
1.9342
2.9013
3.8684
4.8355
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 1.53, N = 3
268
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.06, N = 3
12.7
3
6
9
12
15
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
50
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

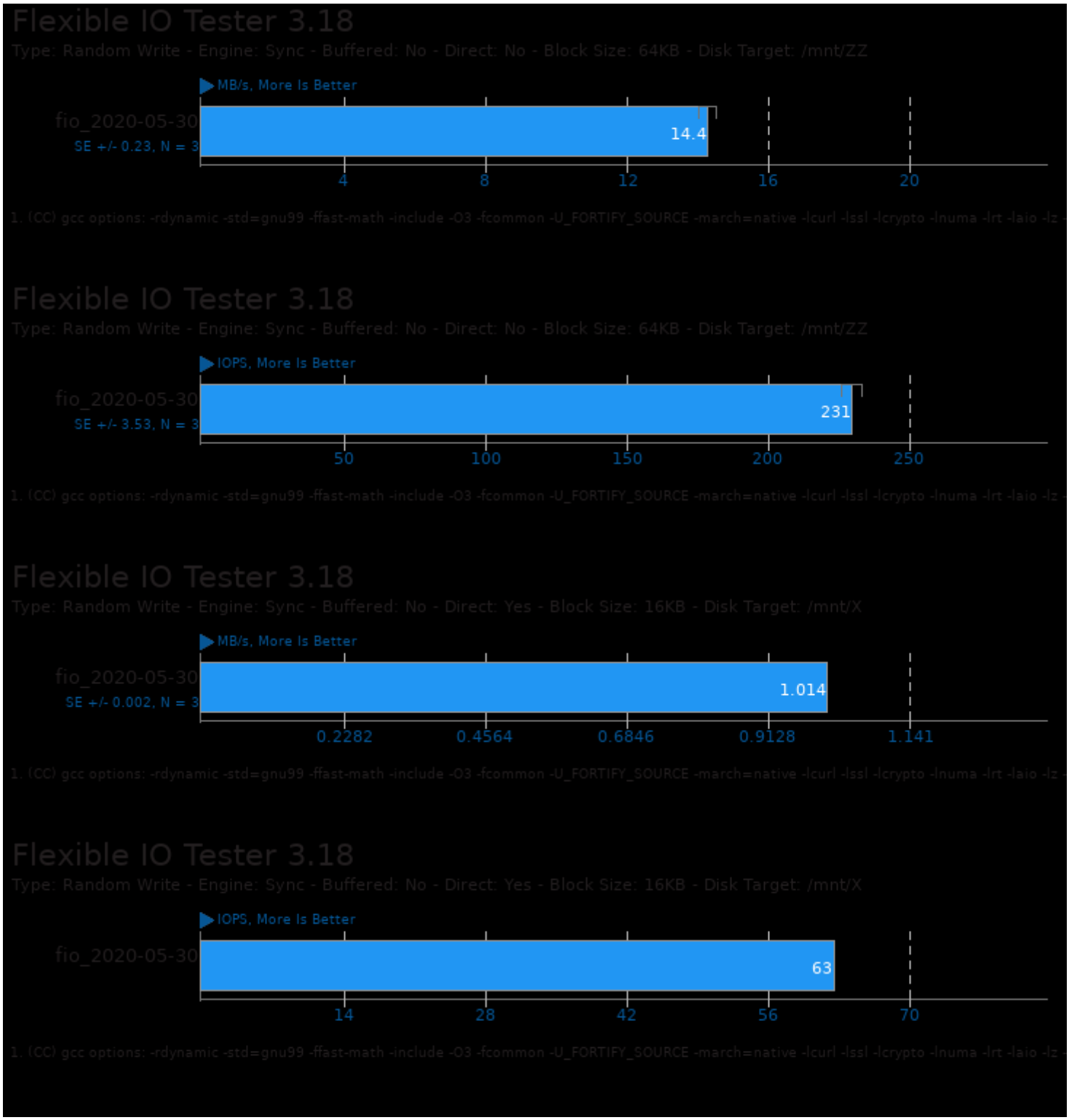
fio_2020-05-30

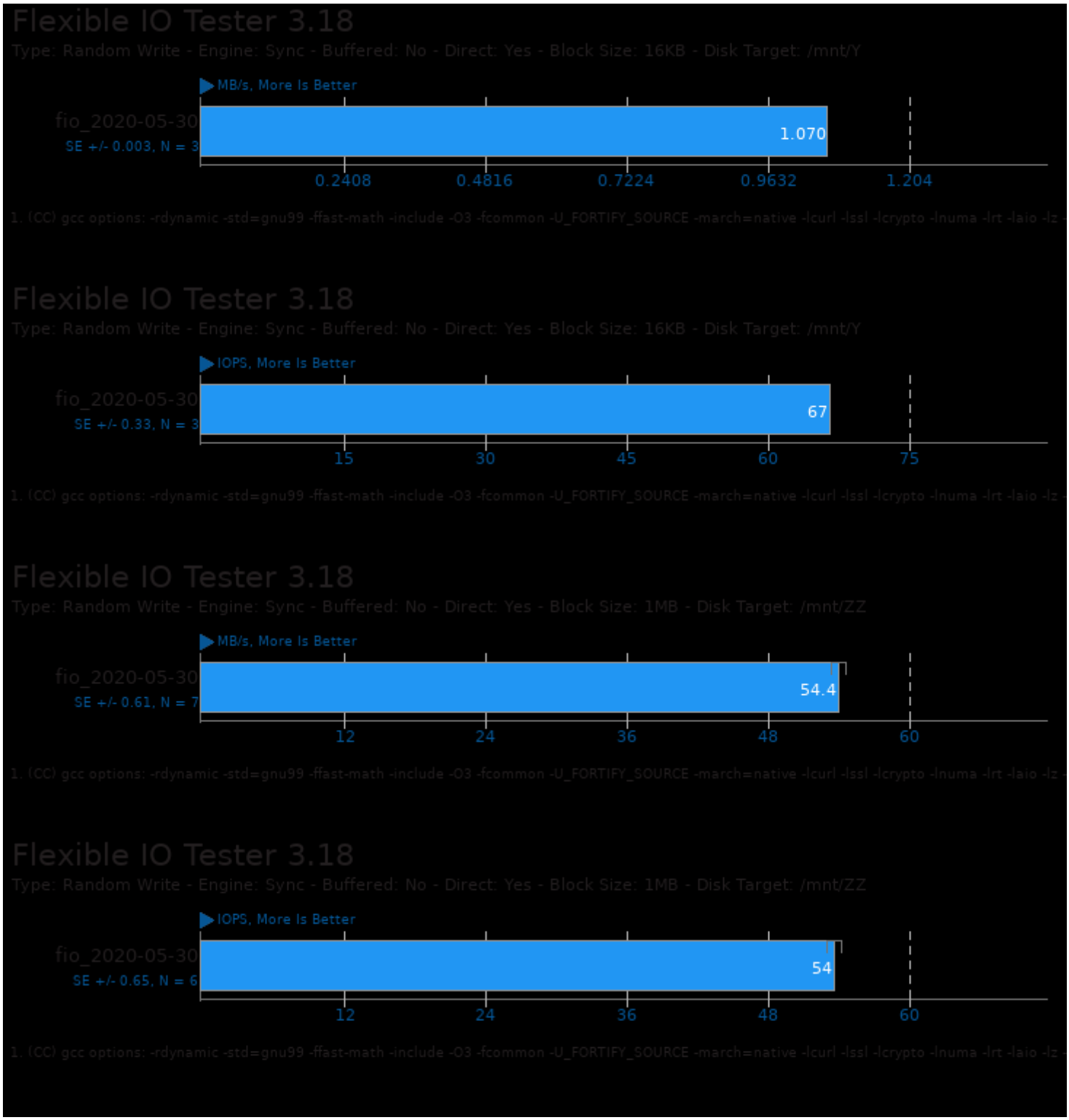


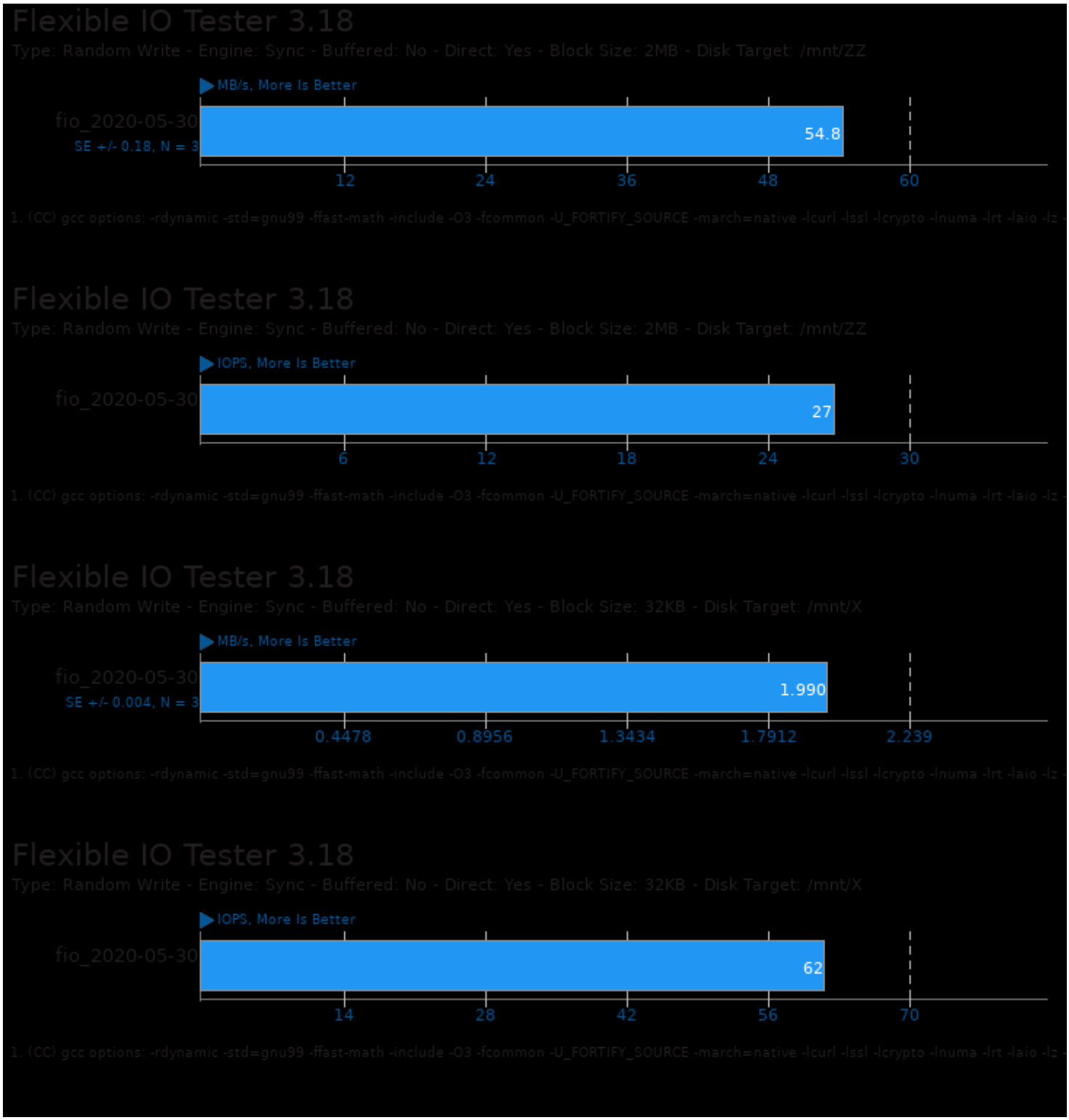
fio_2020-05-30

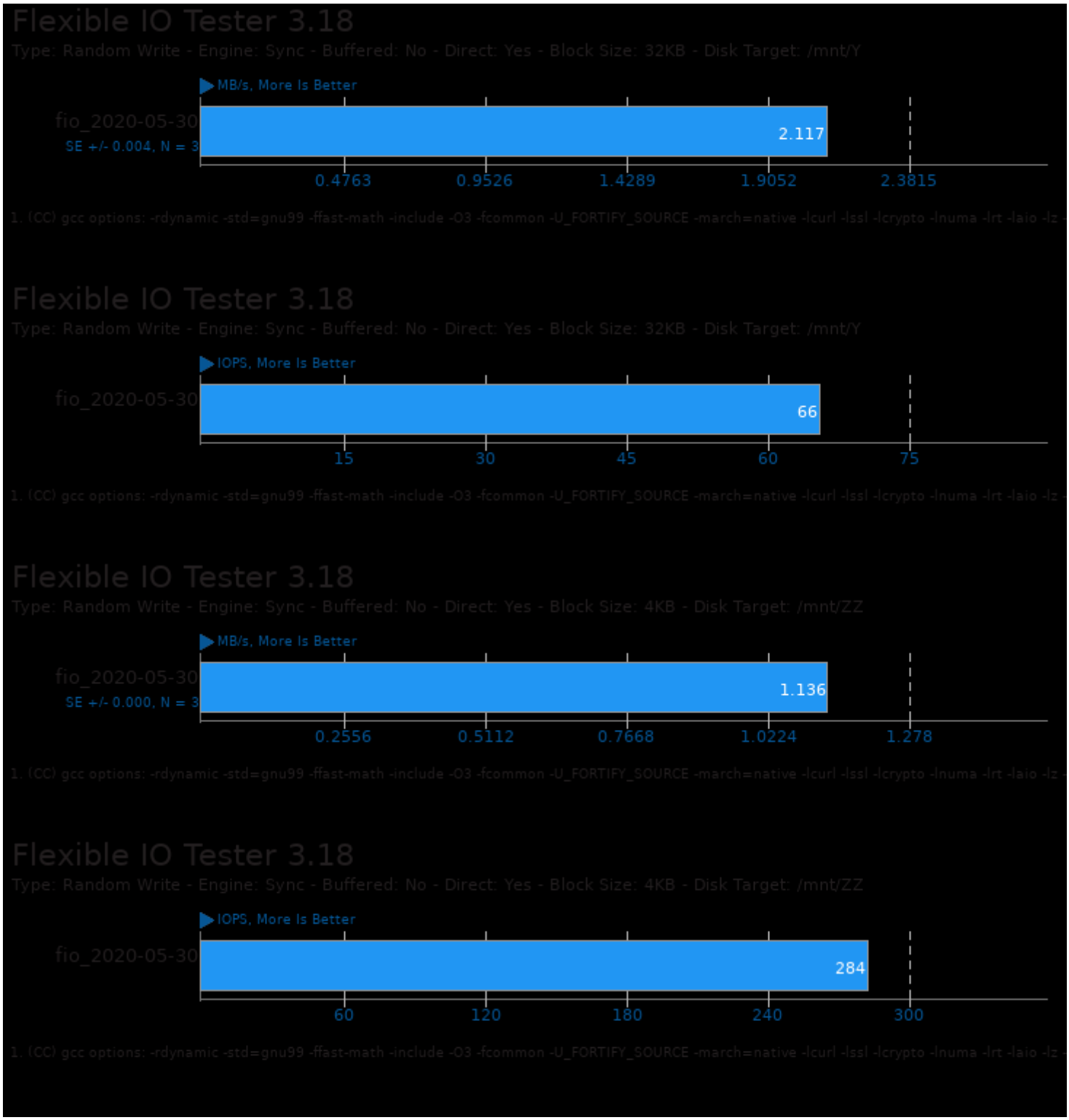


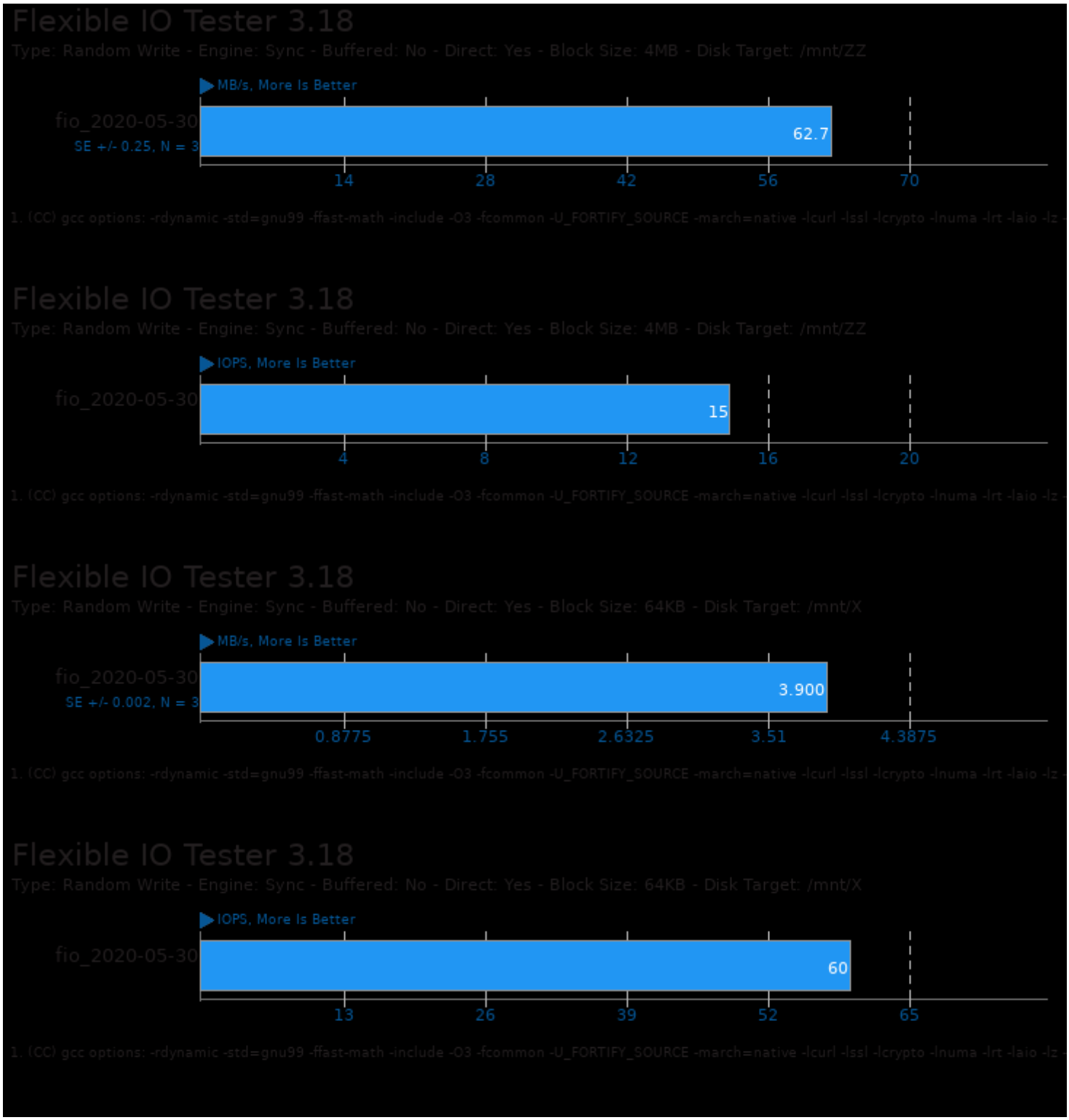
fio_2020-05-30

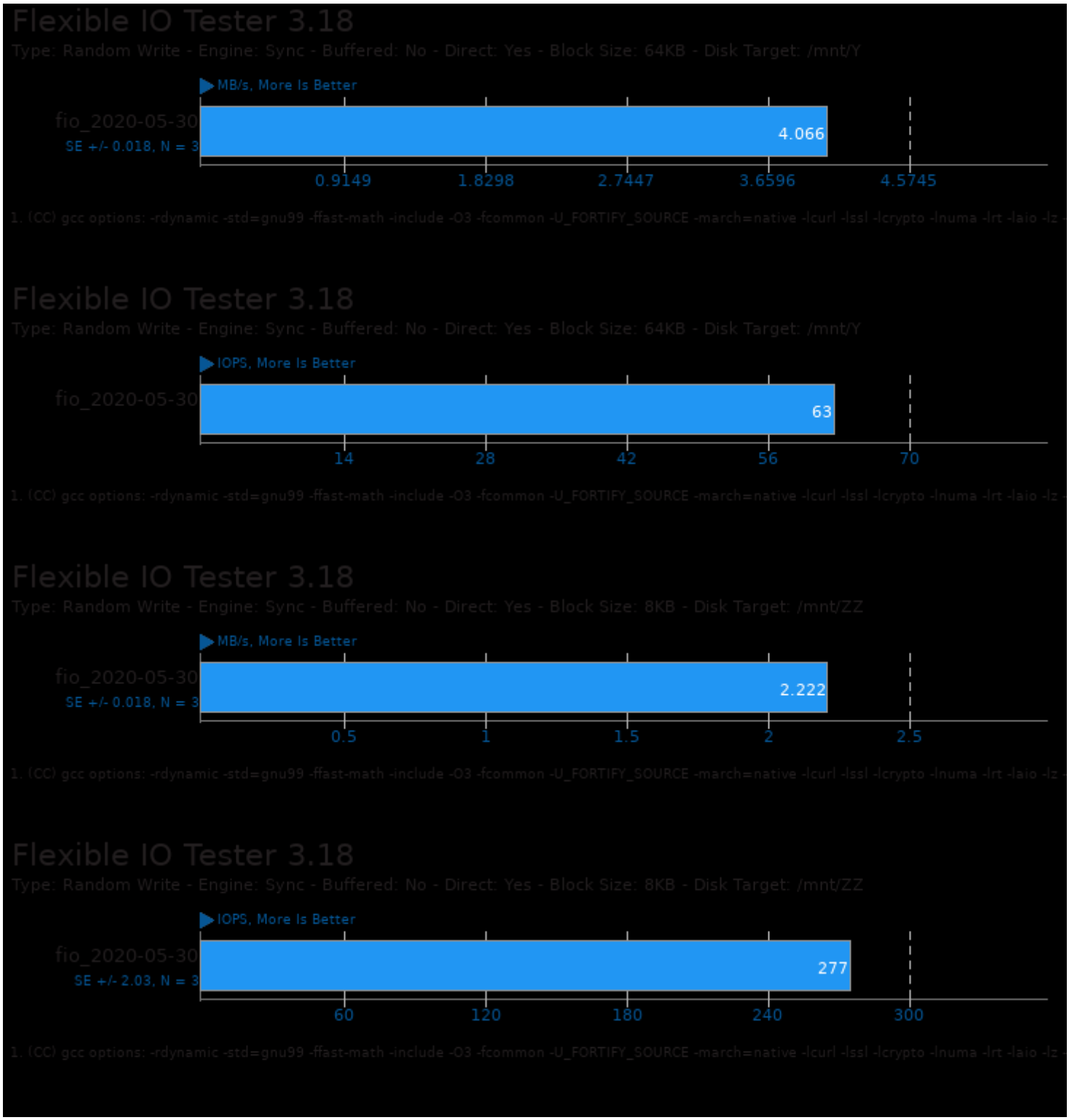


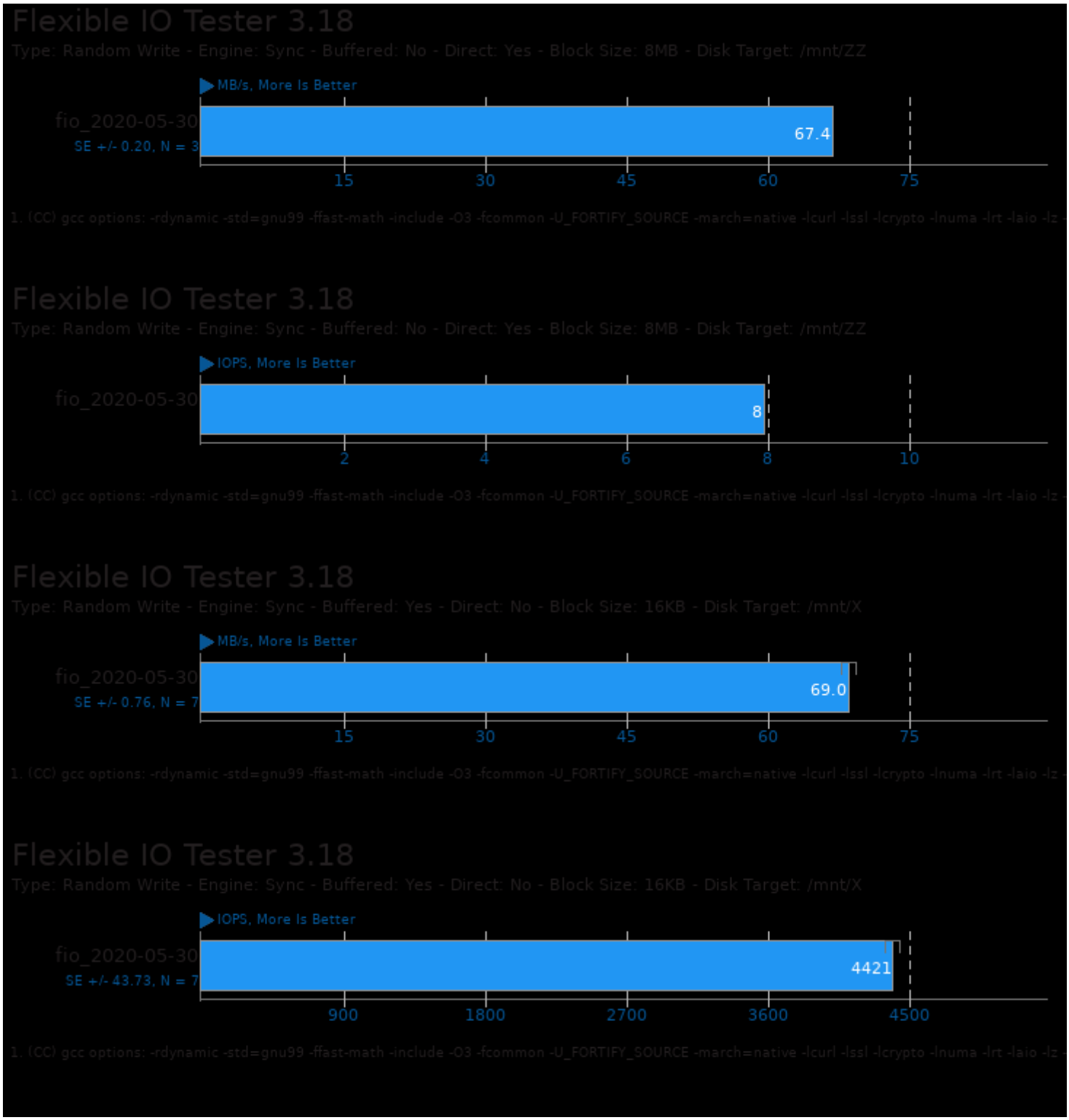

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.003, N = 3
1.070
0.2408
0.4816
0.7224
0.9632
1.204
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
67
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.61, N = 7
54.4
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.65, N = 6
54
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.18, N = 3
54.8
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
27
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.004, N = 3
1.990
0.4478
0.8956
1.3434
1.7912
2.239
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
62
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

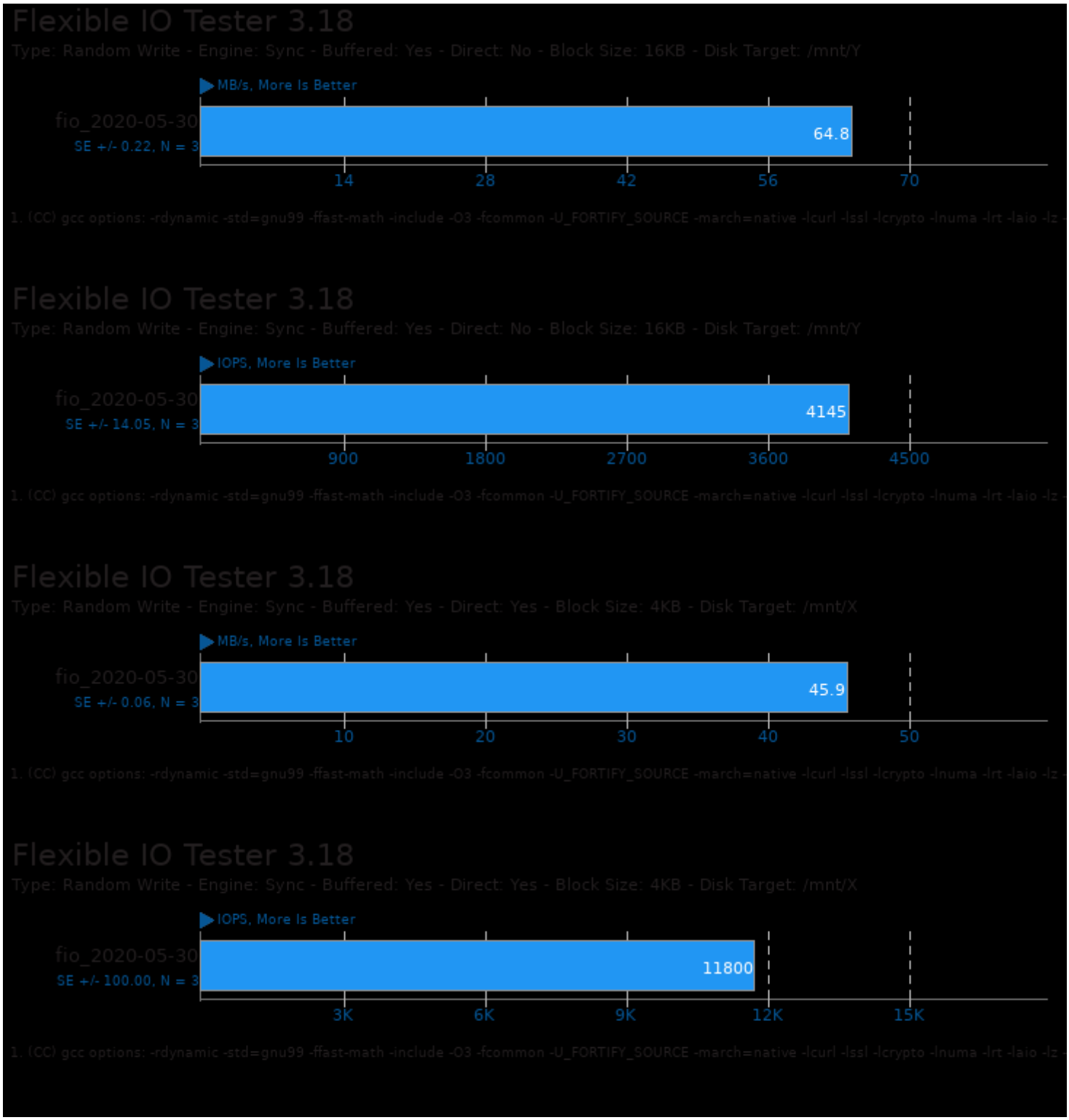

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.004, N = 3
2.117
0.4763
0.9526
1.4289
1.9052
2.3815
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
66
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
1.136
0.2556
0.5112
0.7668
1.0224
1.278
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
284
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

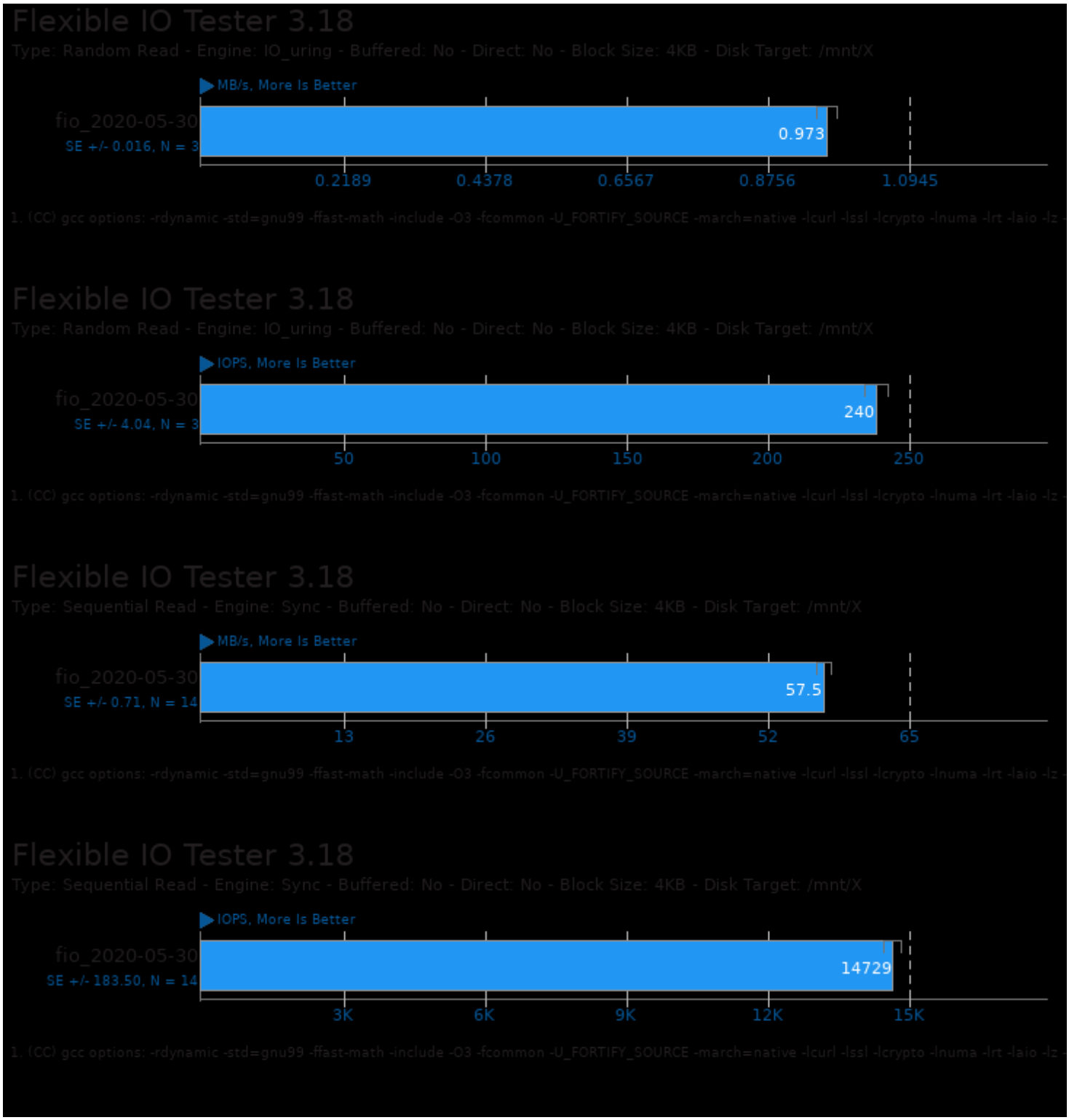

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.25, N = 3
62.7
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
15
4
8
12
16
20
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
3.900
0.8775
1.755
2.6325
3.51
4.3875
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
60
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/Y
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.018, N = 3
4.066
0.9149
1.8298
2.7447
3.6596
4.5745
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /mnt/Y
IOPS, More Is Better
fio_2020-05-30
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.018, N = 3
2.222
0.5
1
1.5
2
2.5
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
SE +/- 2.03, N = 3
277
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

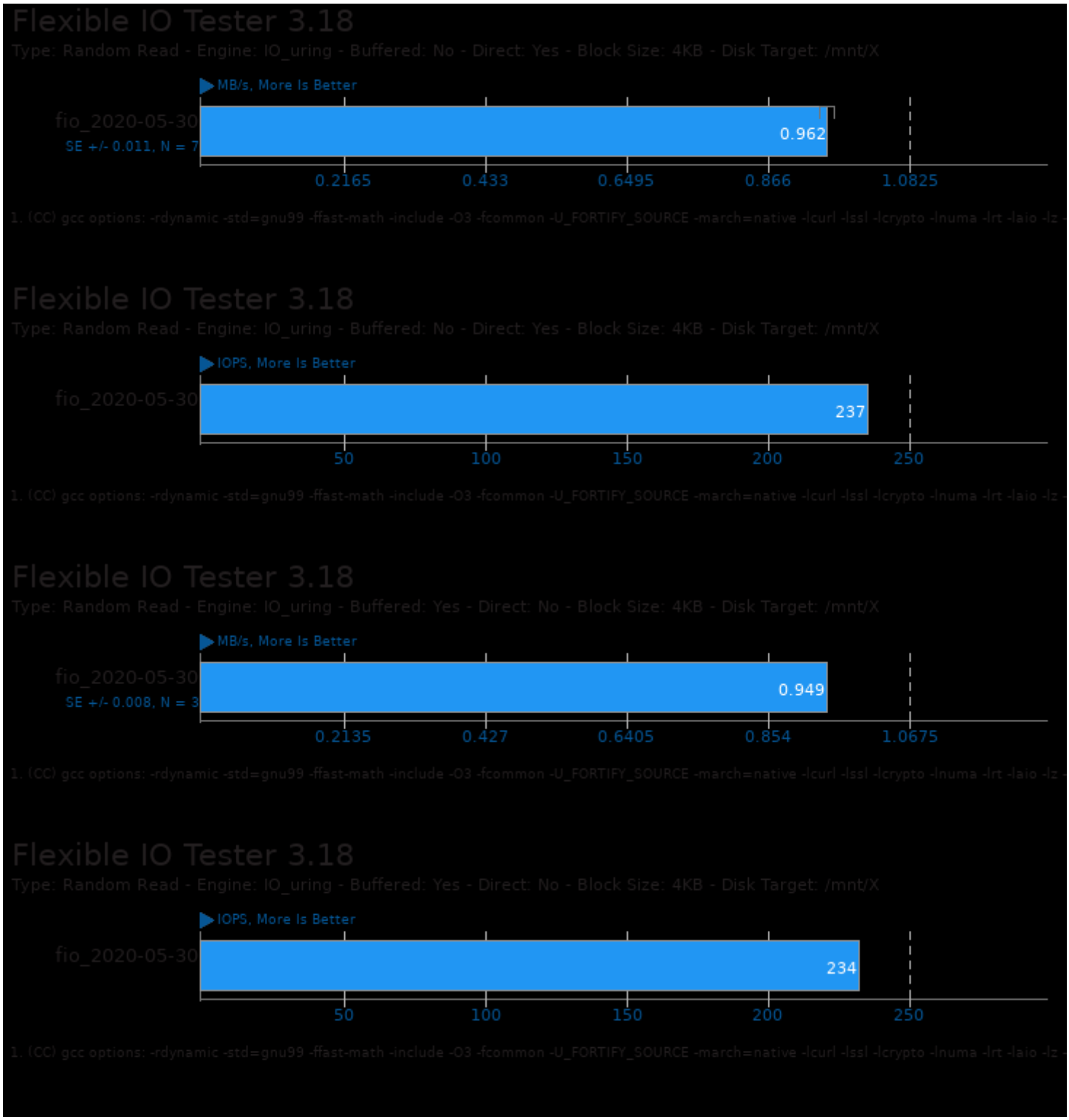

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/ZZ
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.20, N = 3
67.4
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: /mnt/ZZ
IOPS, More Is Better
fio_2020-05-30
8
2
4
6
8
10
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.76, N = 7
69.0
15
30
45
60
75
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 43.73, N = 7
4421
900
1800
2700
3600
4500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

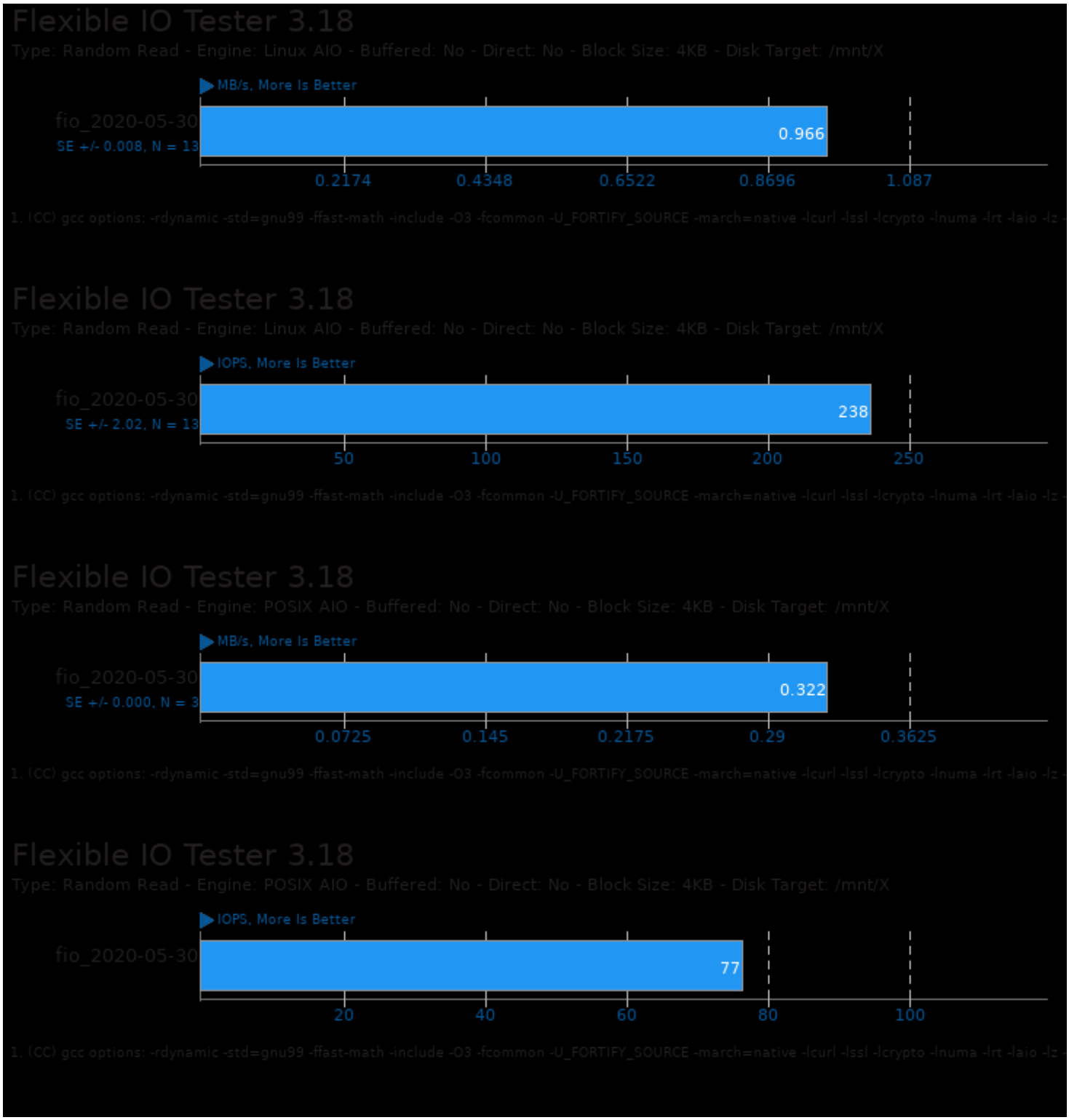
fio_2020-05-30



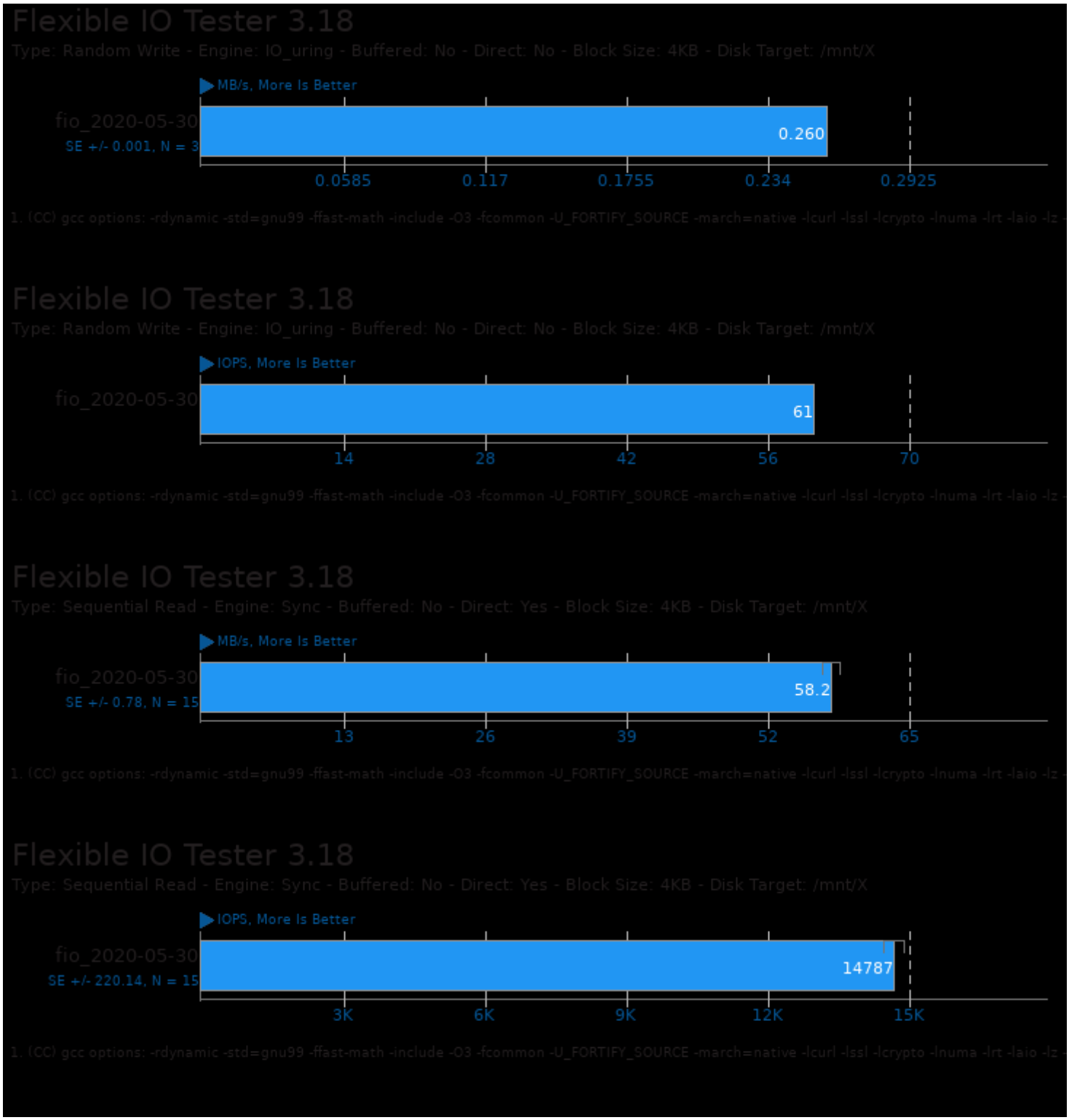

Flexible IO Tester 3.18
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.016, N = 3
0.973
0.2189
0.4378
0.6567
0.8756
1.0945
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 4.04, N = 3
240
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.71, N = 14
57.5
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 183.50, N = 14
14729
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

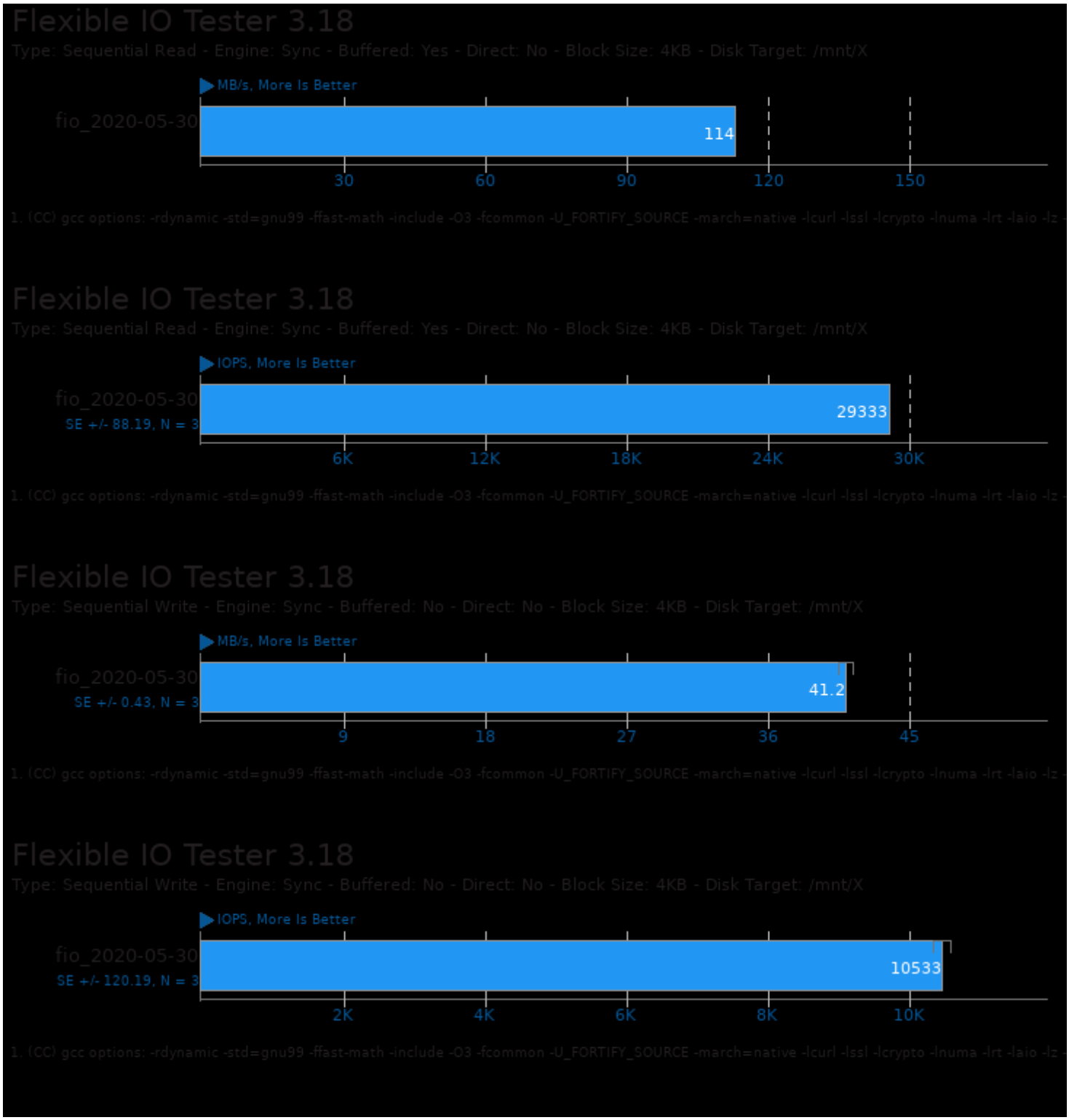


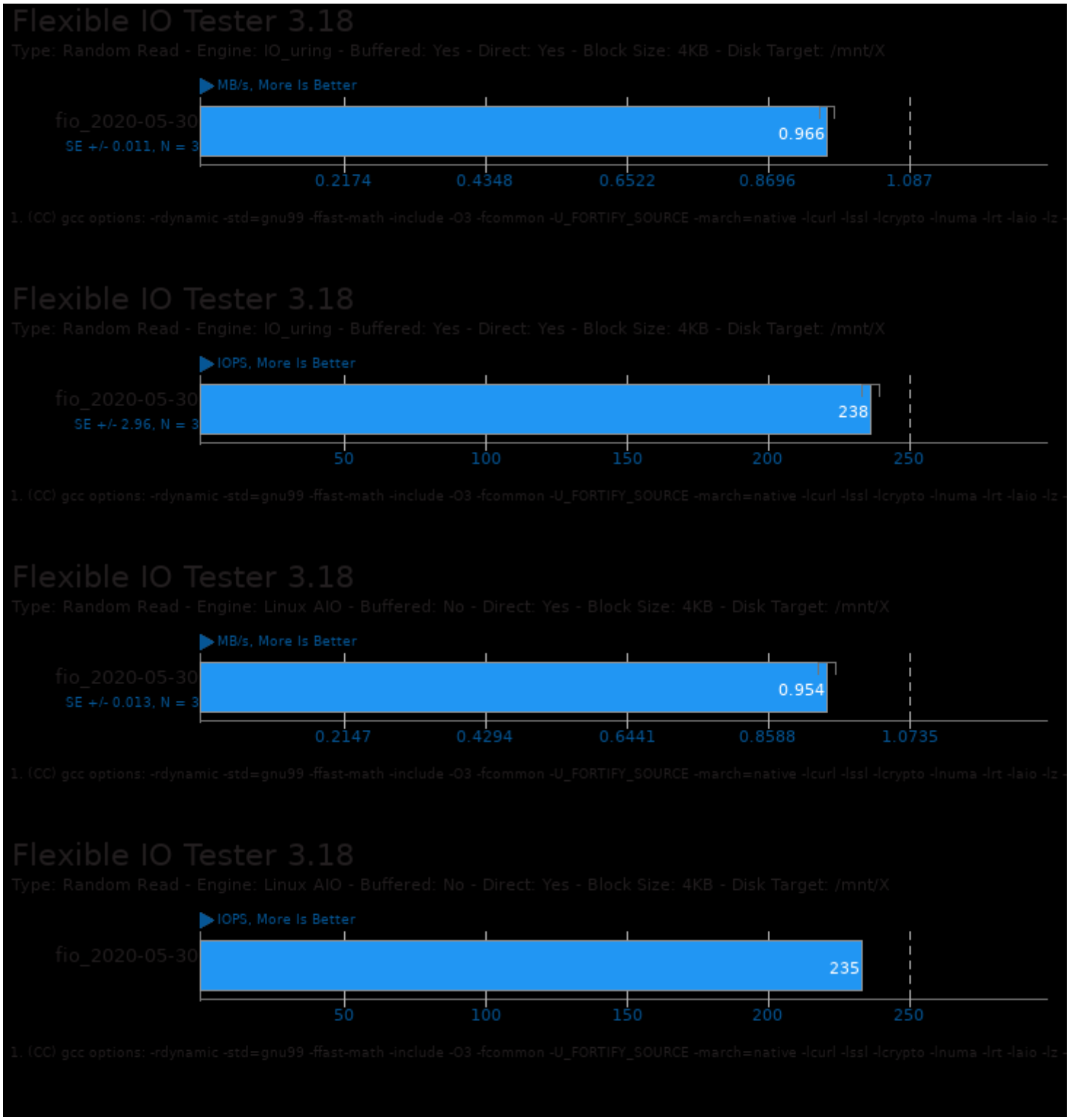

Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.008, N = 13
0.966
0.2174
0.4348
0.6522
0.8696
1.087
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 2.02, N = 13
238
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.322
0.0725
0.145
0.2175
0.29
0.3625
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

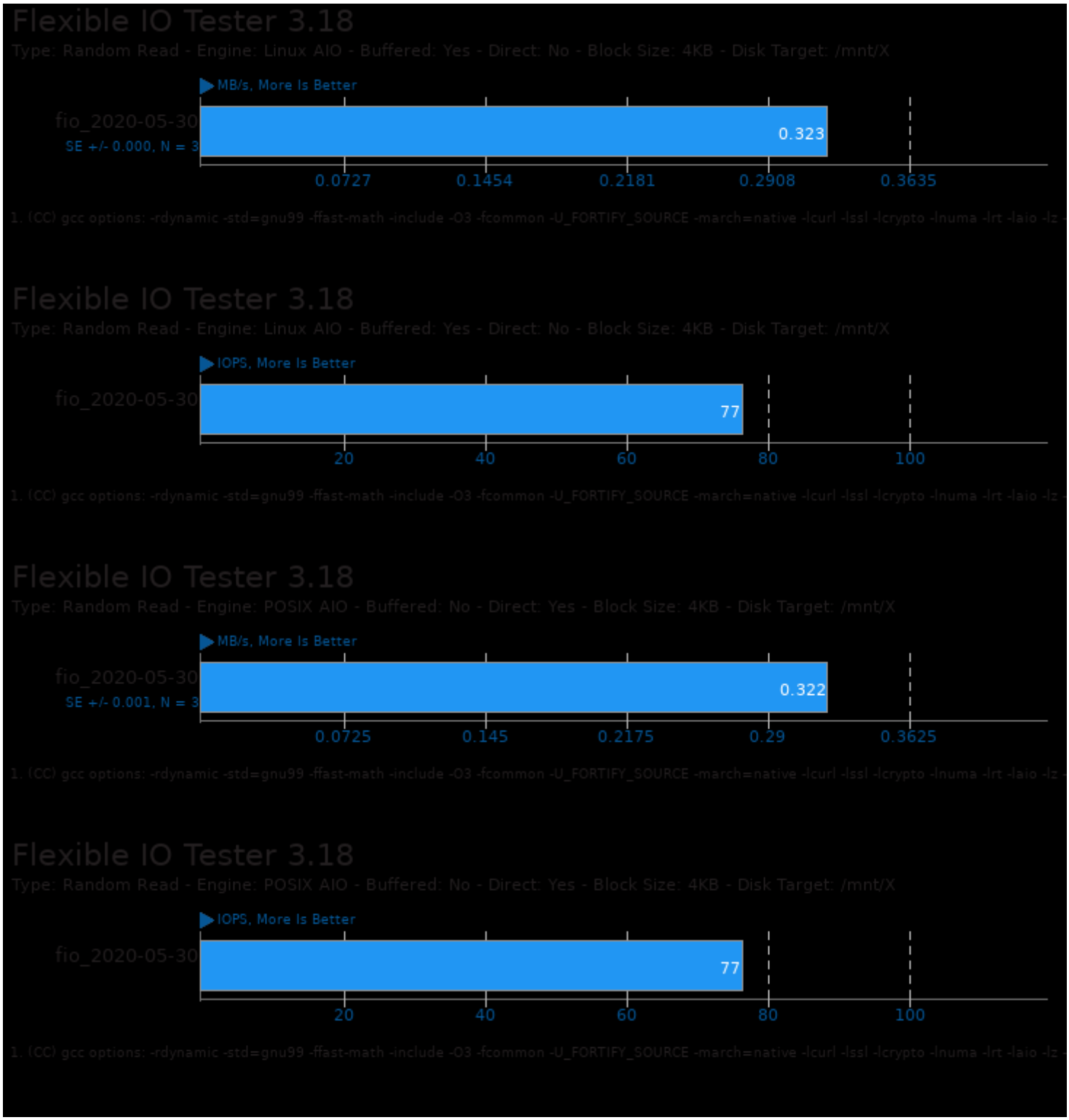
fio_2020-05-30

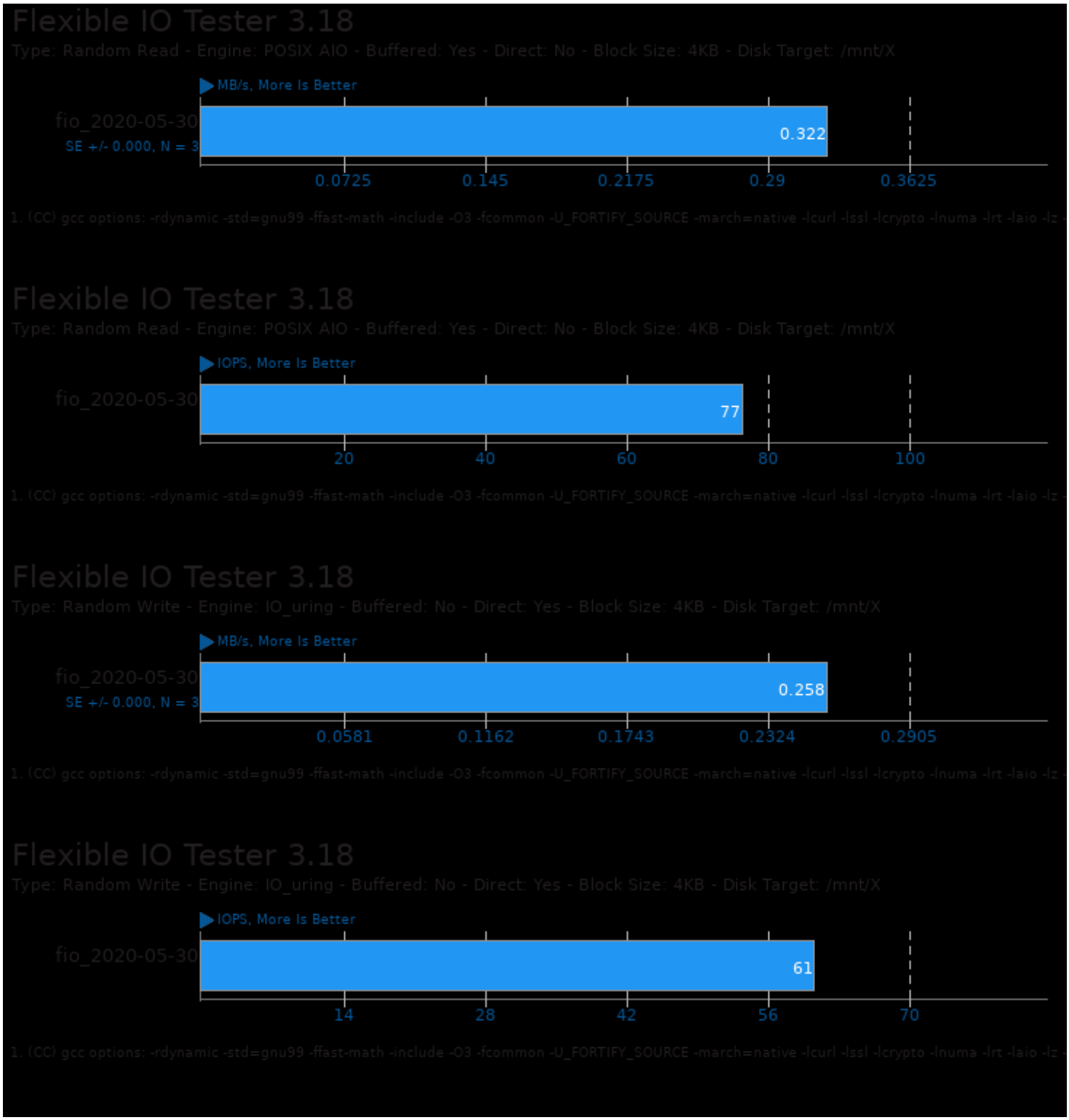


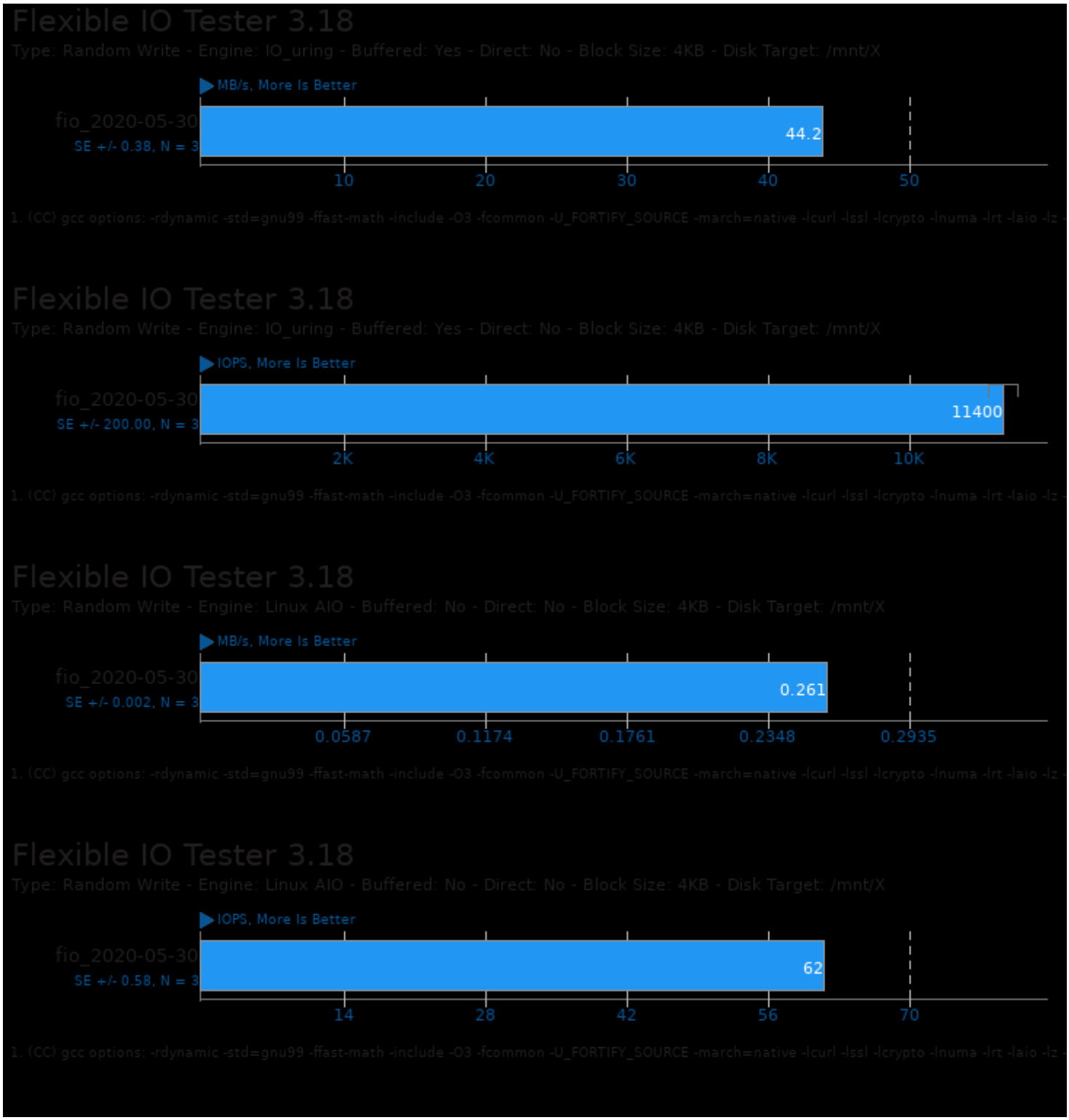
fio_2020-05-30

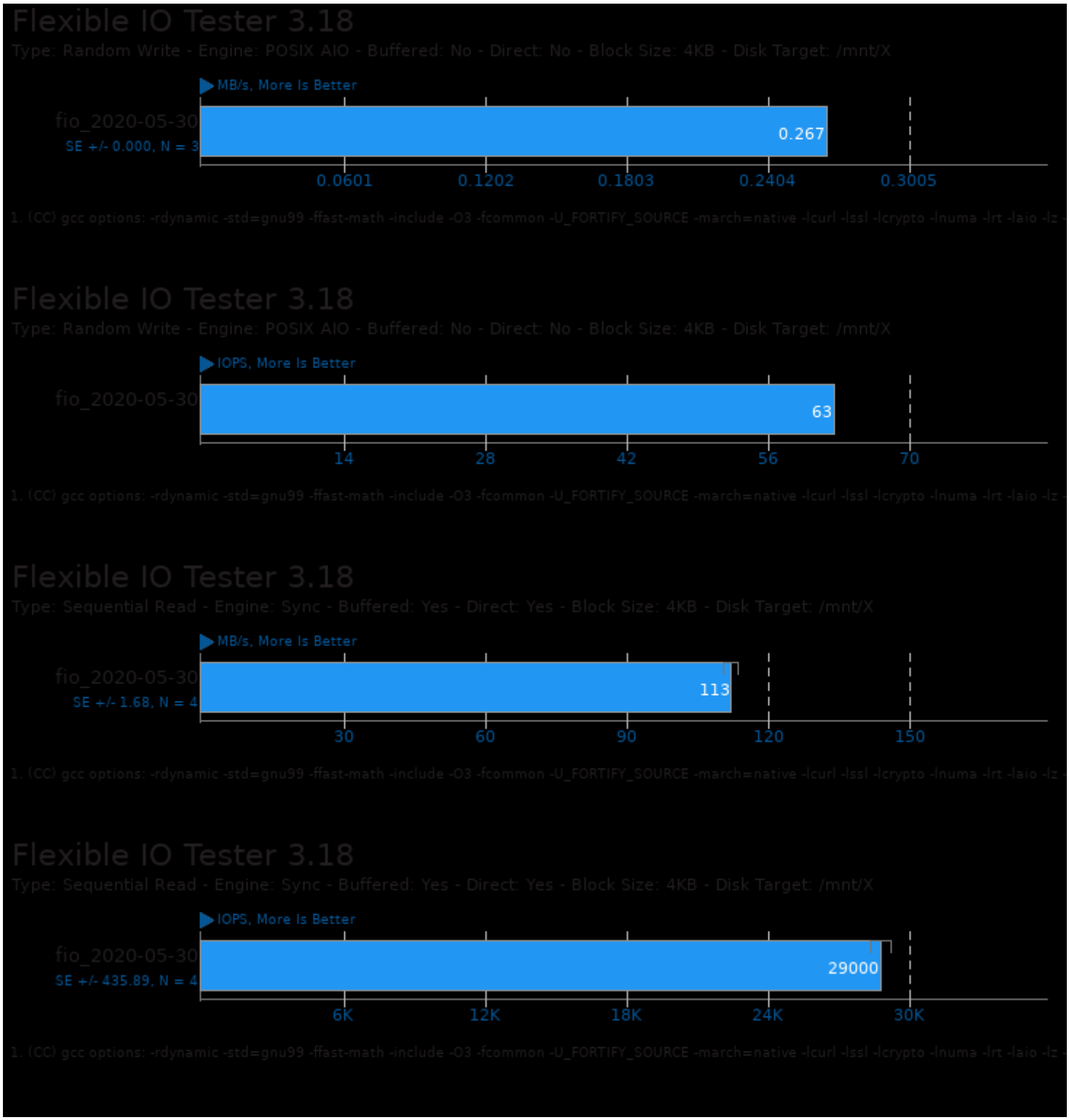


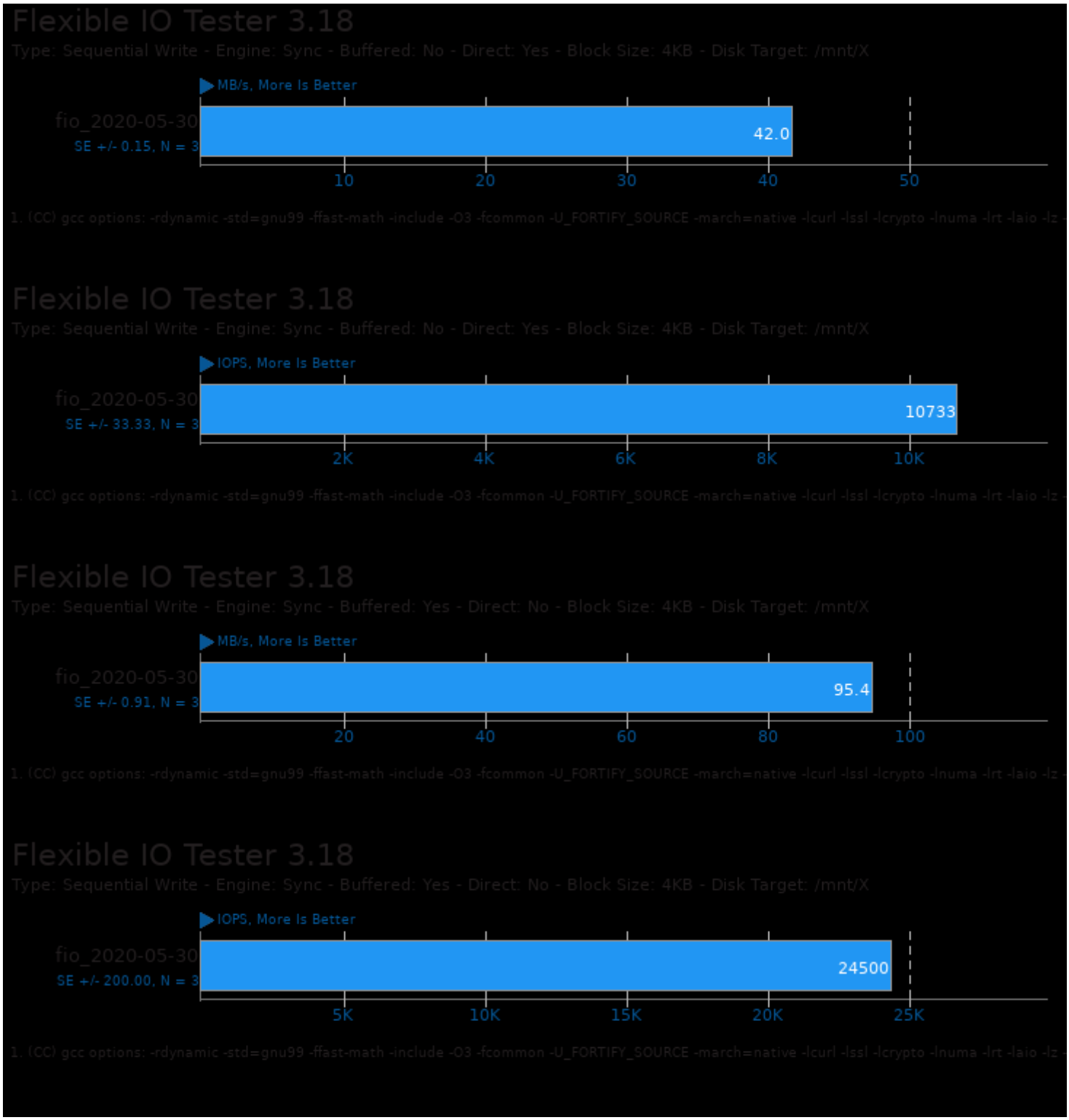

Flexible IO Tester 3.18
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.011, N = 3
0.966
0.2174
0.4348
0.6522
0.8696
1.087
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 2.96, N = 3
238
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.013, N = 3
0.954
0.2147
0.4294
0.6441
0.8588
1.0735
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
235
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

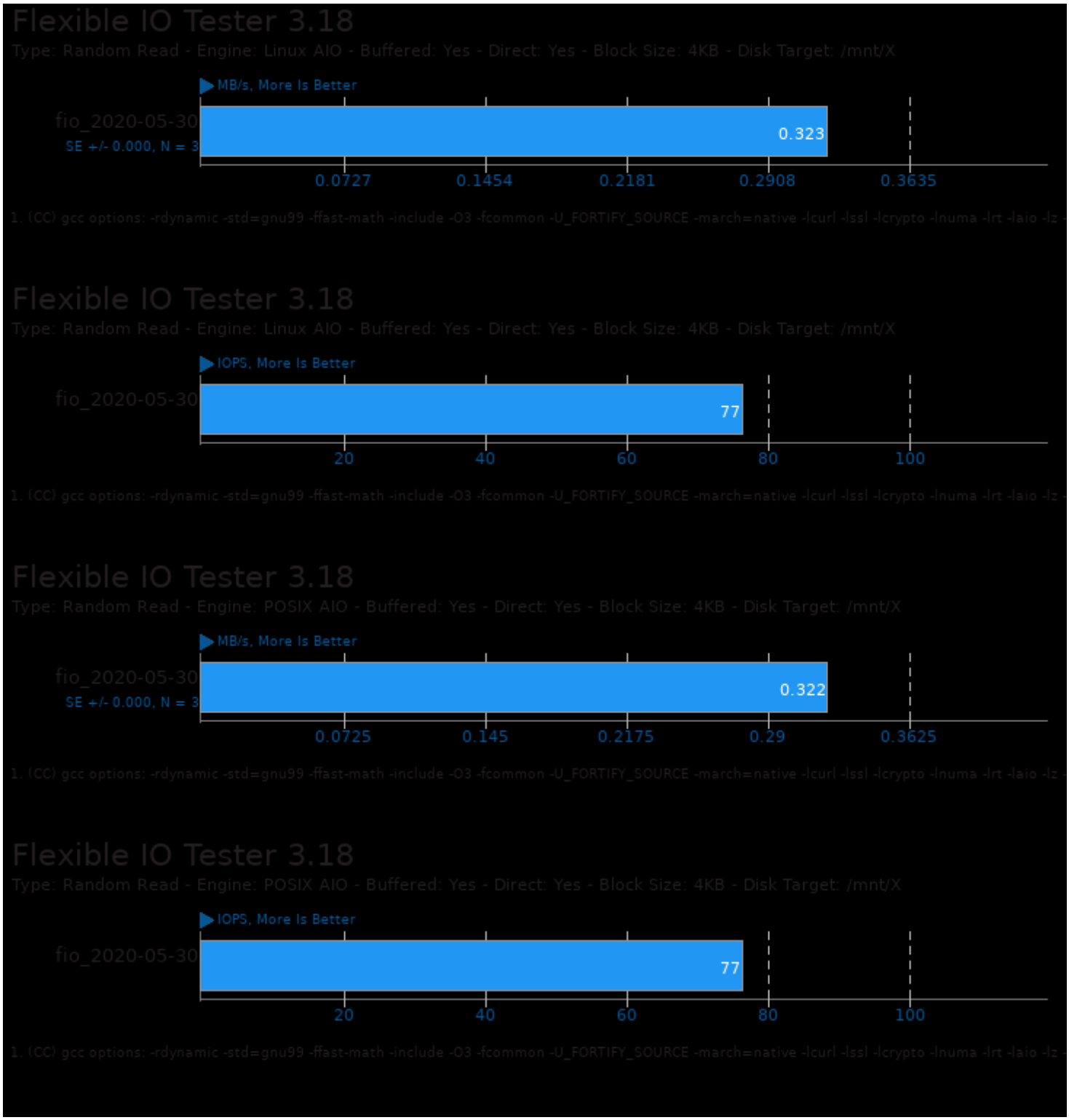

Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.323
0.0727
0.1454
0.2181
0.2908
0.3635
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.322
0.0725
0.145
0.2175
0.29
0.3625
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

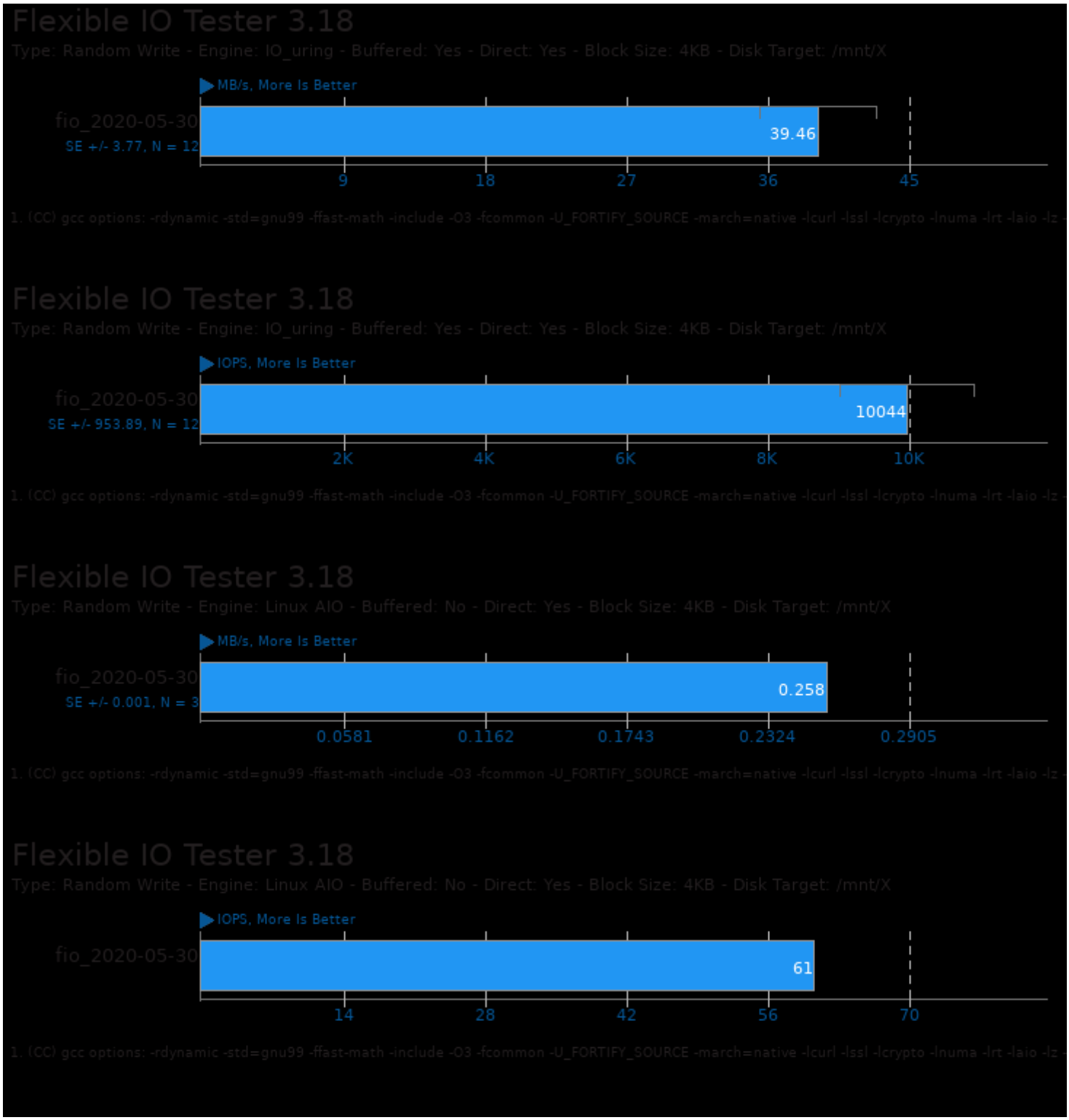

Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.322
0.0725
0.145
0.2175
0.29
0.3625
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.258
0.0581
0.1162
0.1743
0.2324
0.2905
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
61
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

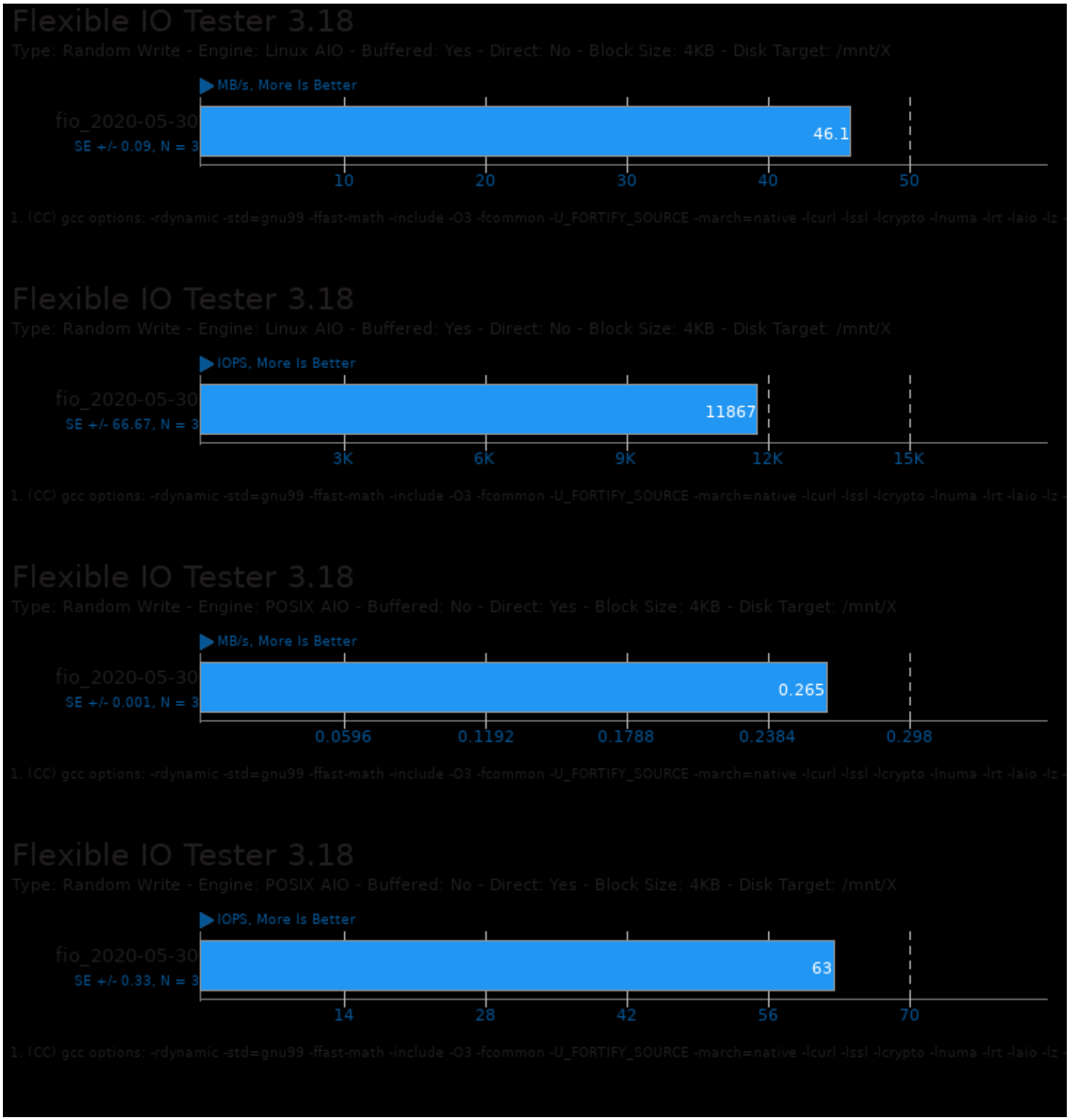

Flexible IO Tester 3.18
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.38, N = 3
44.2
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 200.00, N = 3
11400
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.002, N = 3
0.261
0.0587
0.1174
0.1761
0.2348
0.2935
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.58, N = 3
62
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.267
0.0601
0.1202
0.1803
0.2404
0.3005
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.68, N = 4
113
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 435.89, N = 4
29000
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

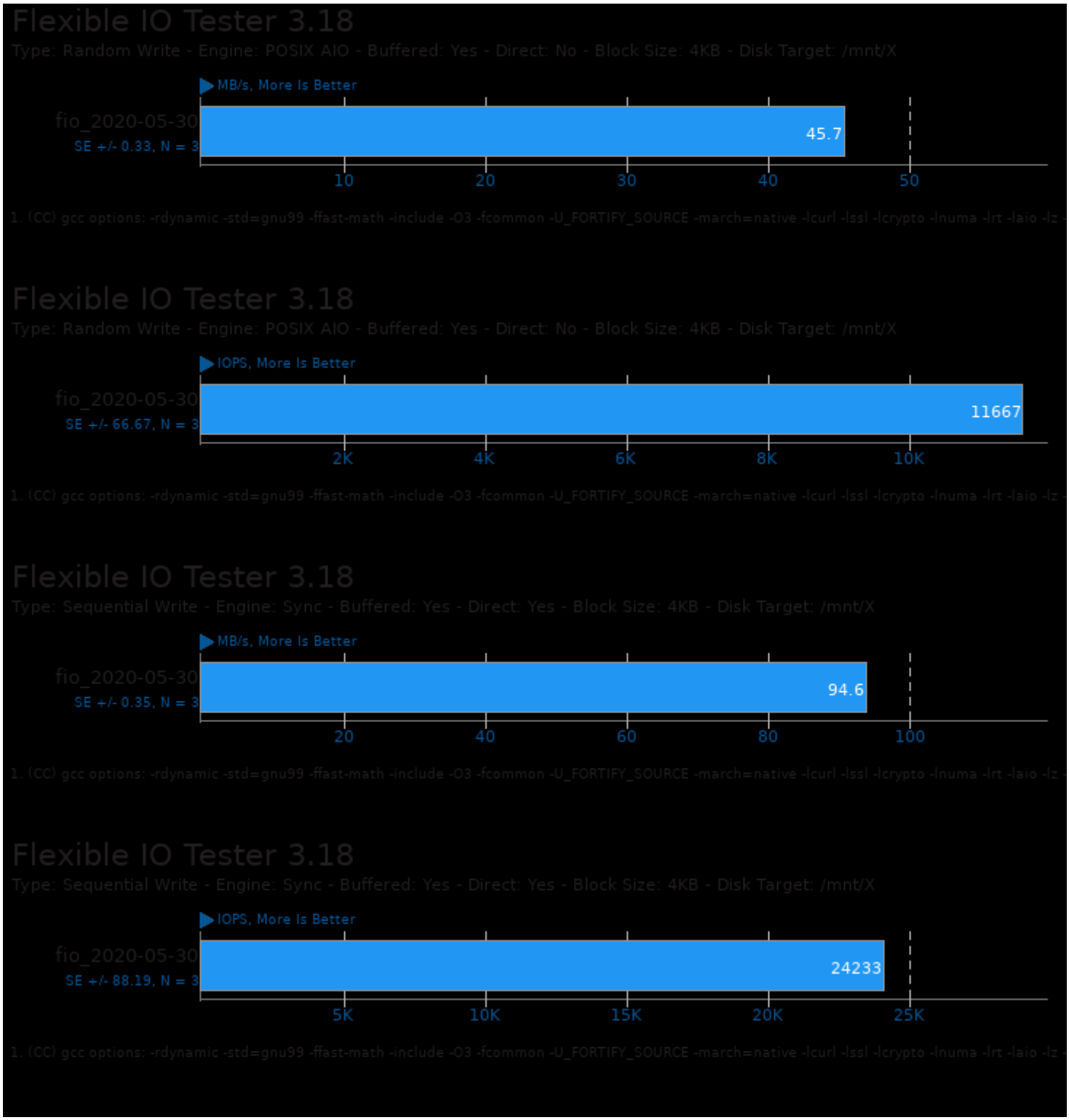

Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.15, N = 3
42.0
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 33.33, N = 3
10733
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.91, N = 3
95.4
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 200.00, N = 3
24500
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

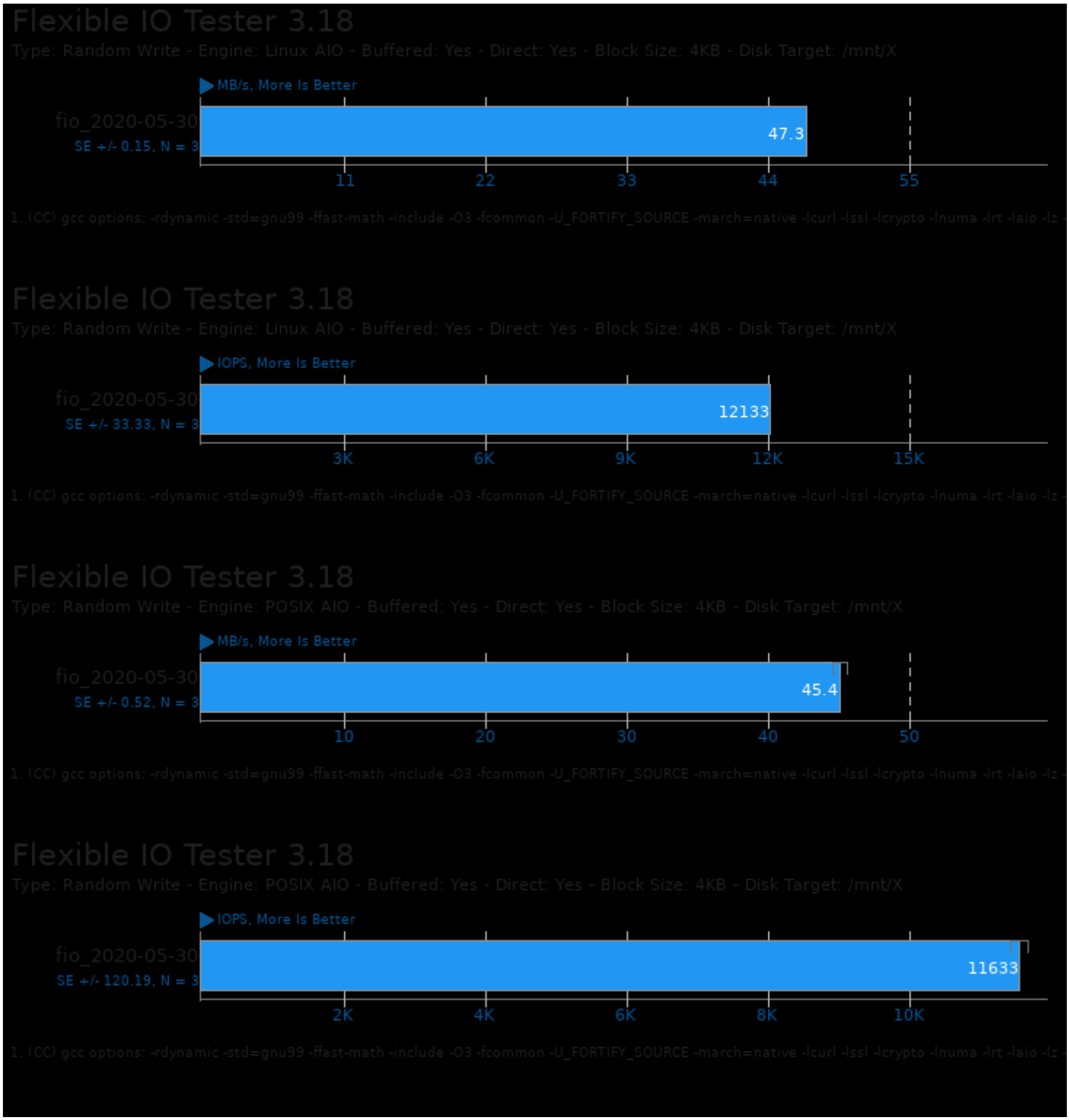

Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.323
0.0727
0.1454
0.2181
0.2908
0.3635
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.000, N = 3
0.322
0.0725
0.145
0.2175
0.29
0.3625
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
77
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz


Flexible IO Tester 3.18
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 3.77, N = 12
39.46
9
18
27
36
45
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 953.89, N = 12
10044
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.258
0.0581
0.1162
0.1743
0.2324
0.2905
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
61
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

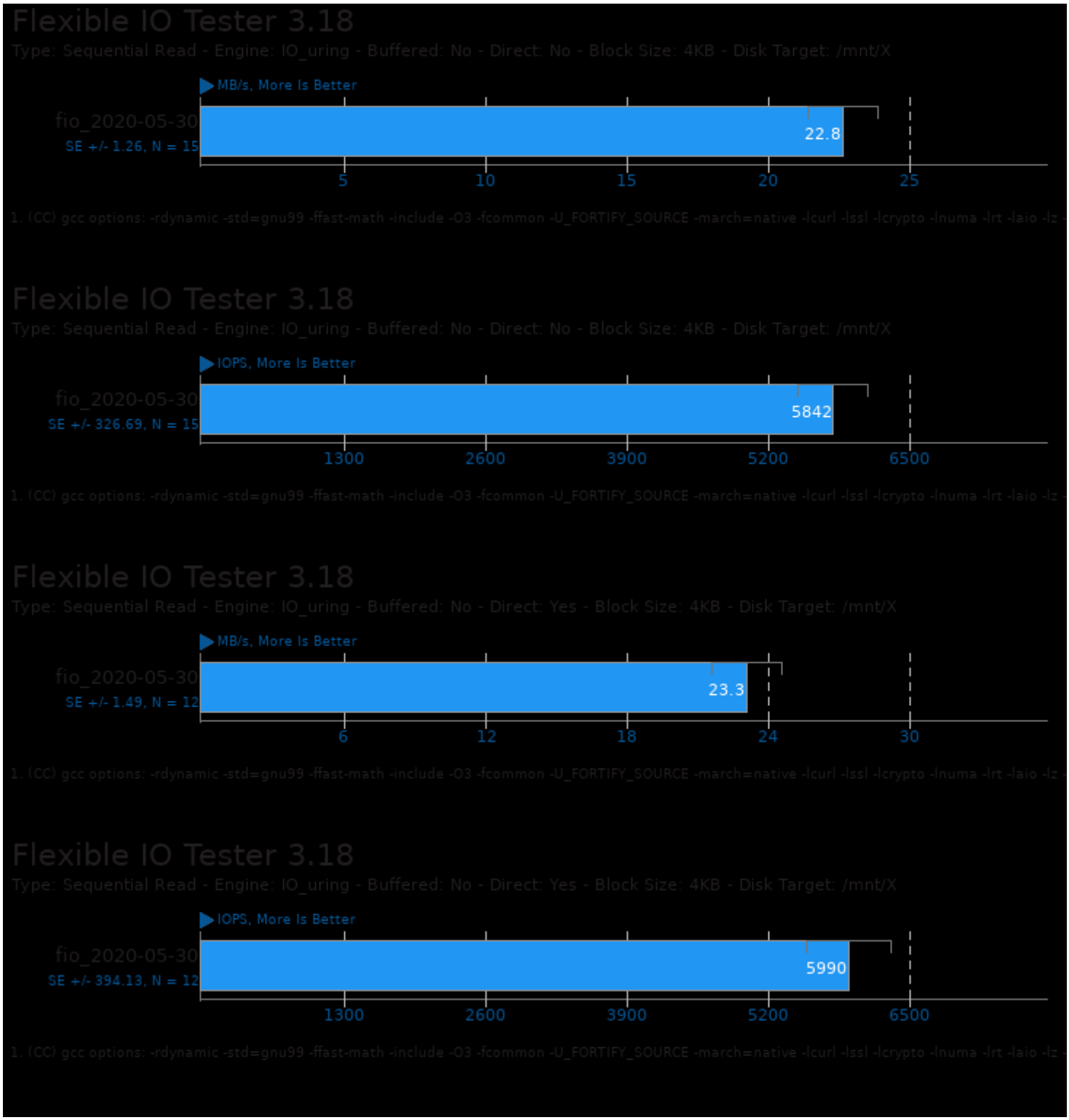

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.09, N = 3
46.1
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 66.67, N = 3
11867
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.001, N = 3
0.265
0.0596
0.1192
0.1788
0.2384
0.298
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 0.33, N = 3
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

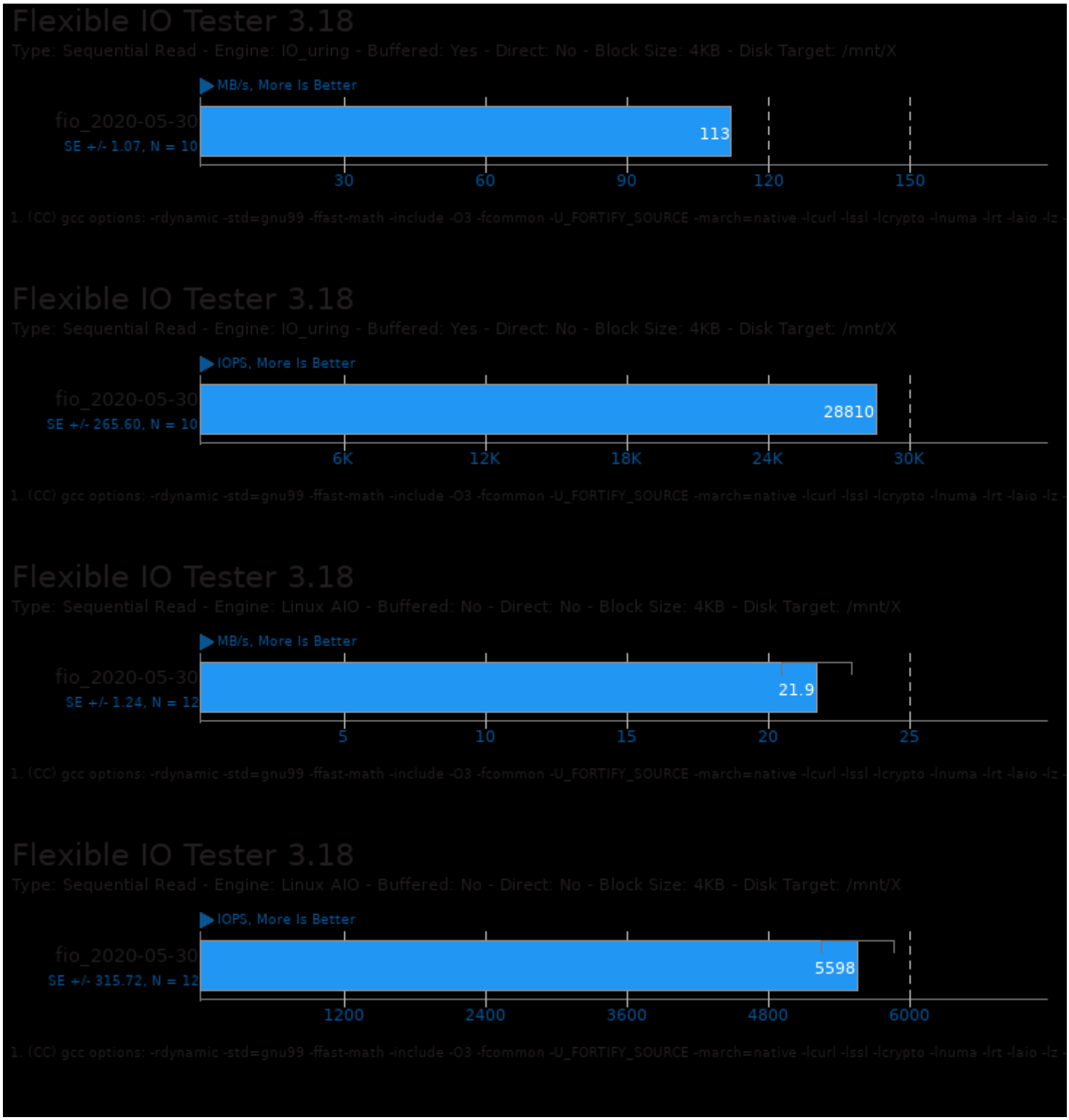
fio_2020-05-30



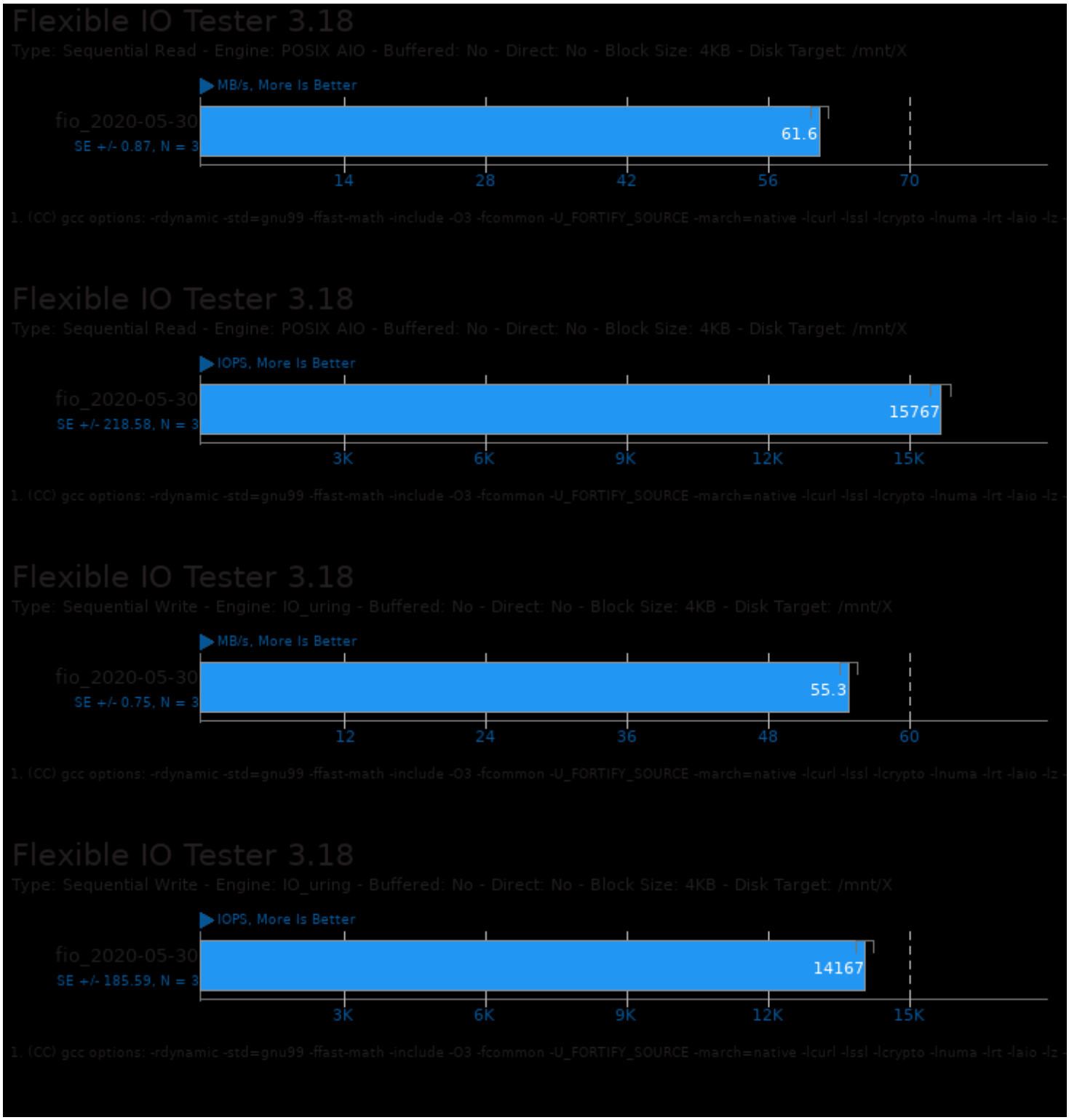

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.15, N = 3
47.3
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 33.33, N = 3
12133
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.52, N = 3
45.4
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 120.19, N = 3
11633
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

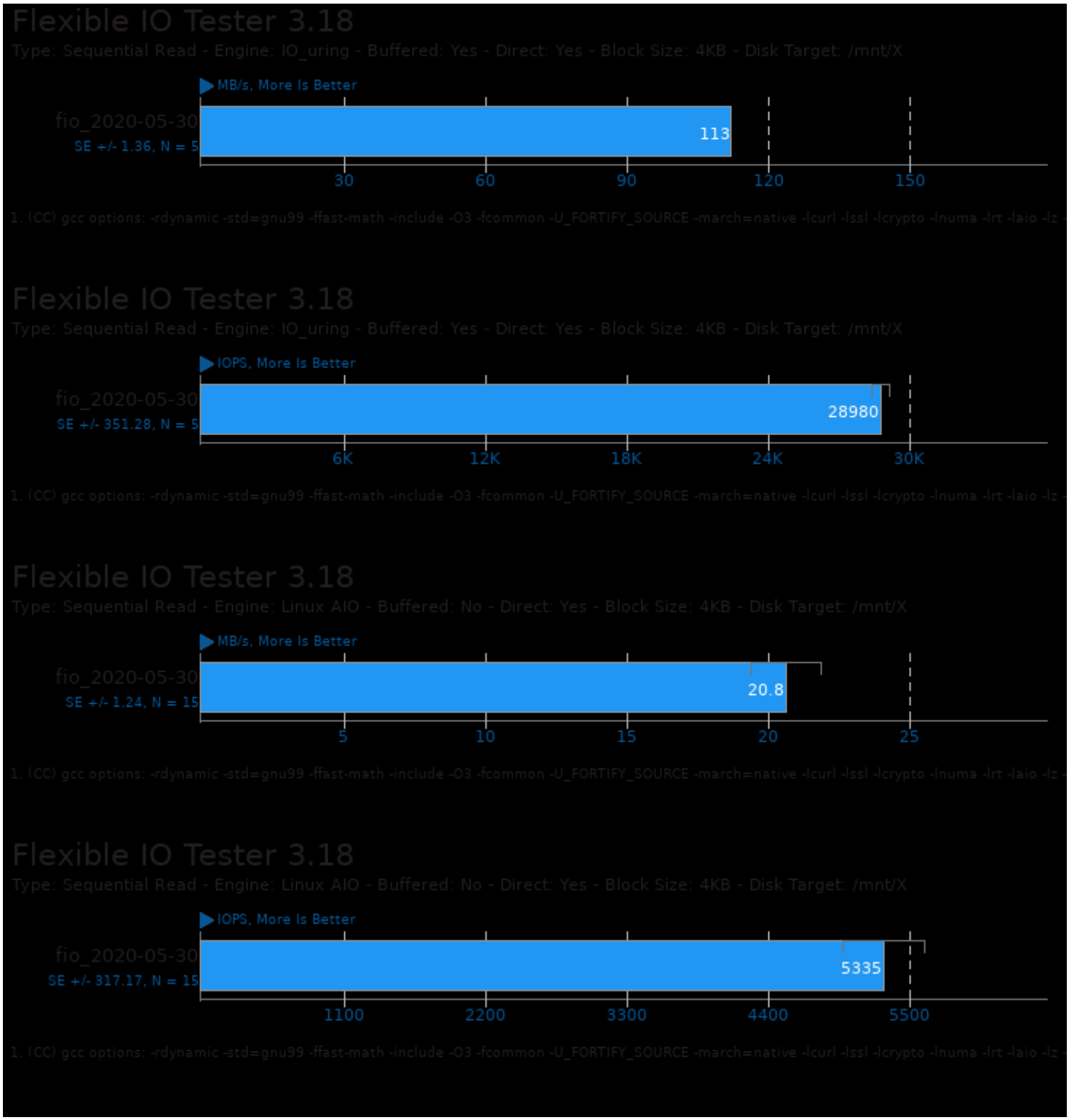
fio_2020-05-30

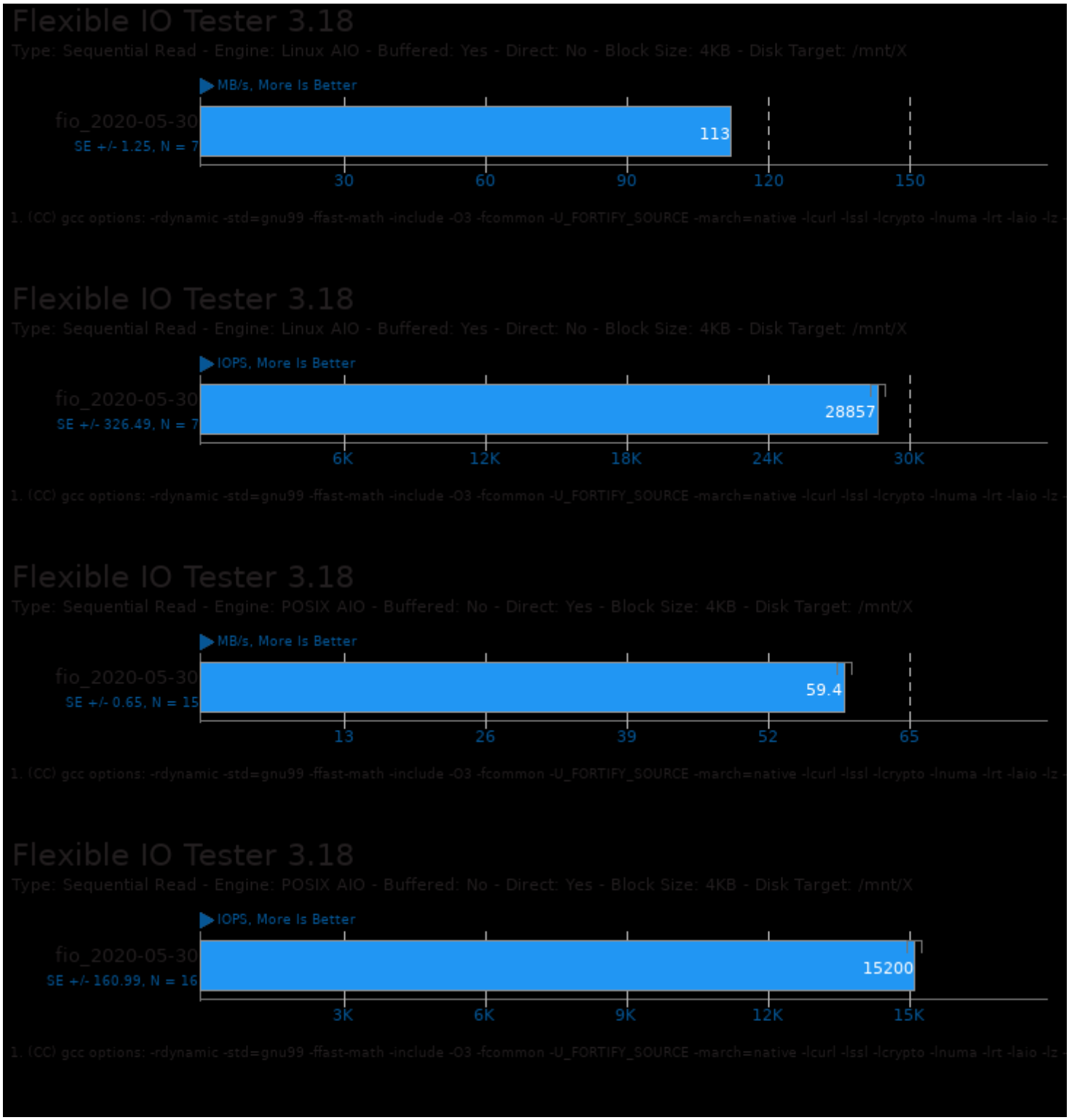



Flexible IO Tester 3.18
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.07, N = 10
113
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 265.60, N = 10
28810
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.24, N = 12
21.9
5
10
15
20
25
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 315.72, N = 12
5598
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

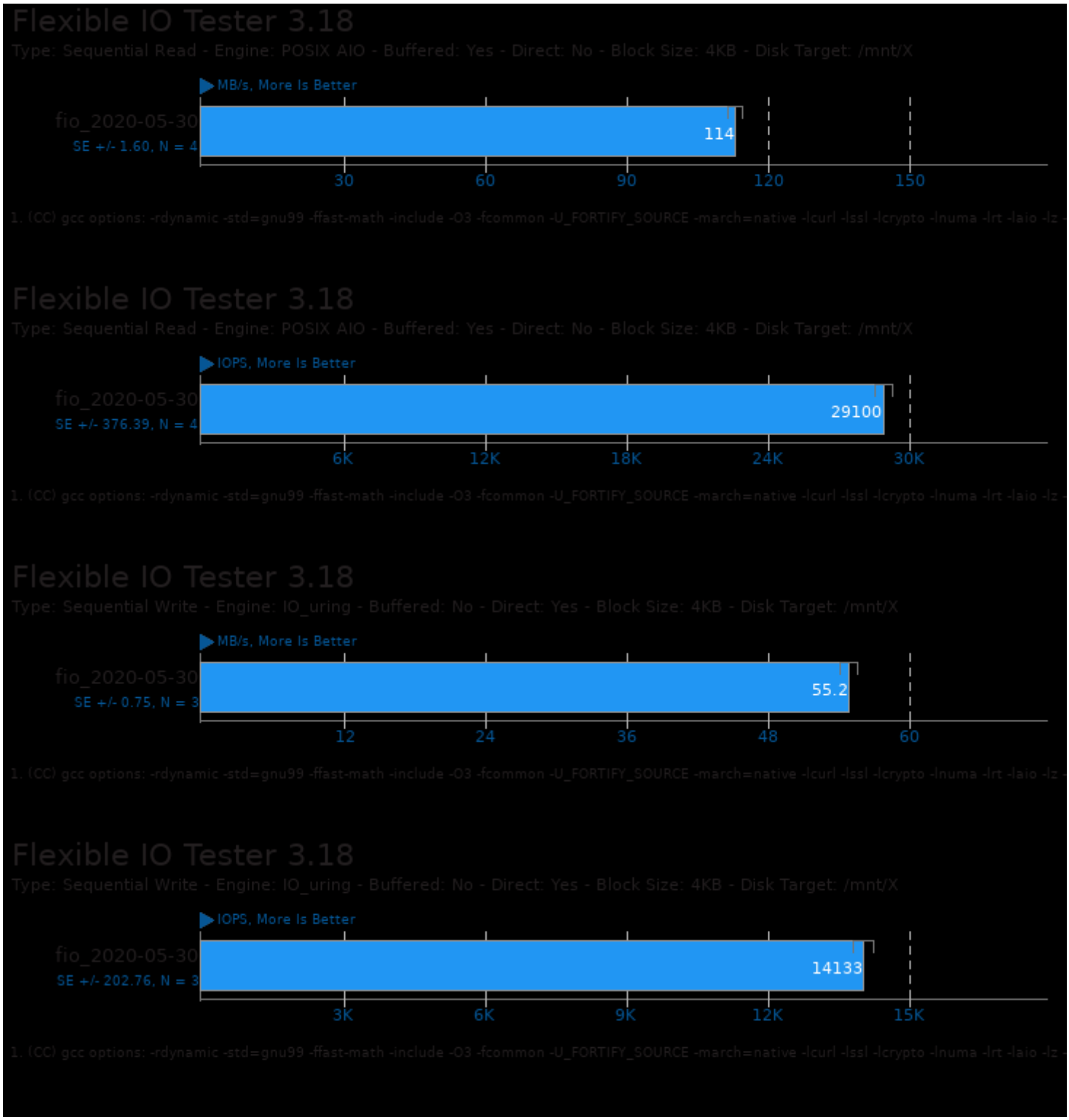
fio_2020-05-30



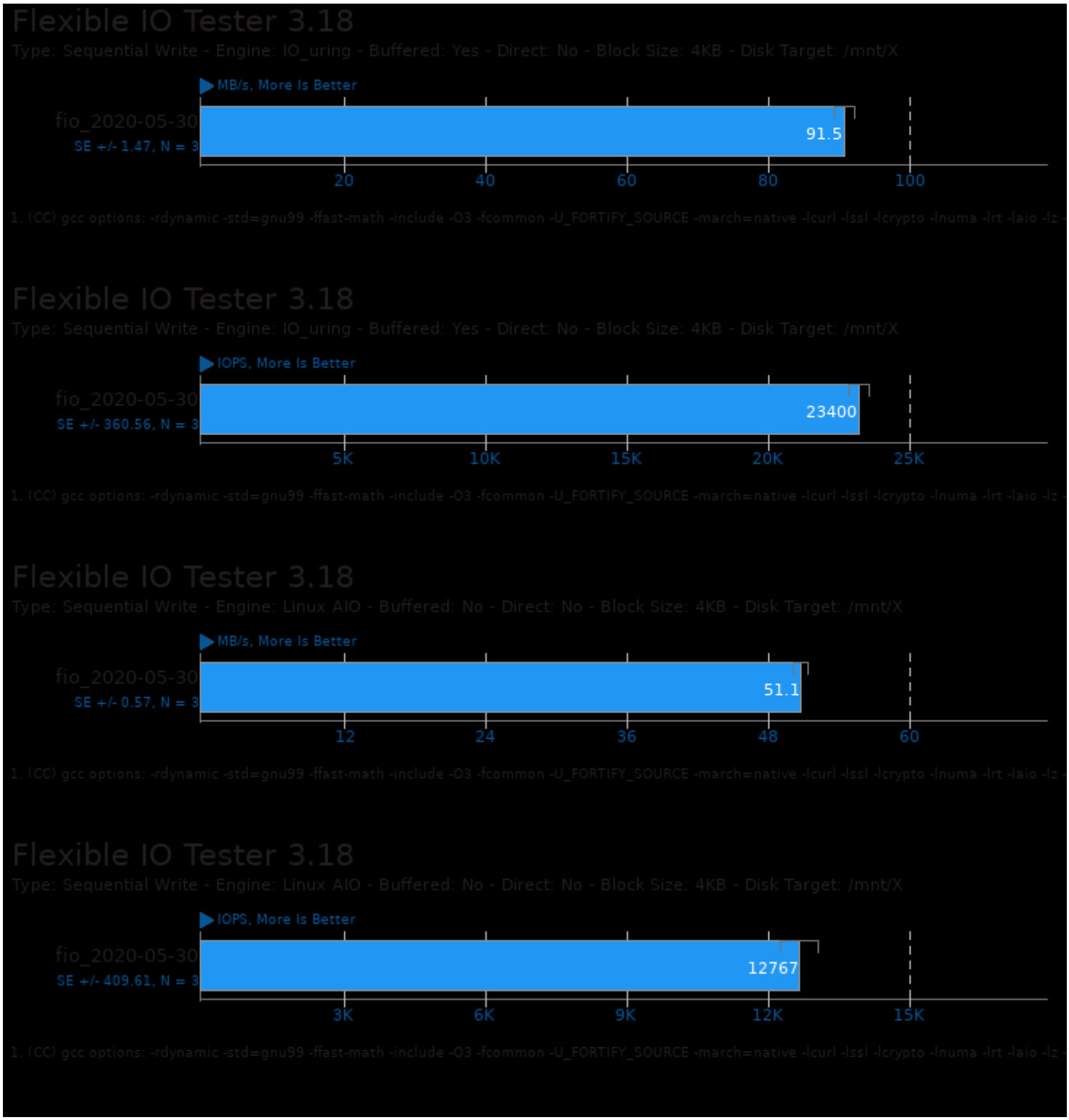

Flexible IO Tester 3.18
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.36, N = 5
113
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 351.28, N = 5
28980
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.24, N = 15
20.8
5
10
15
20
25
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 317.17, N = 15
5335
1100
2200
3300
4400
5500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

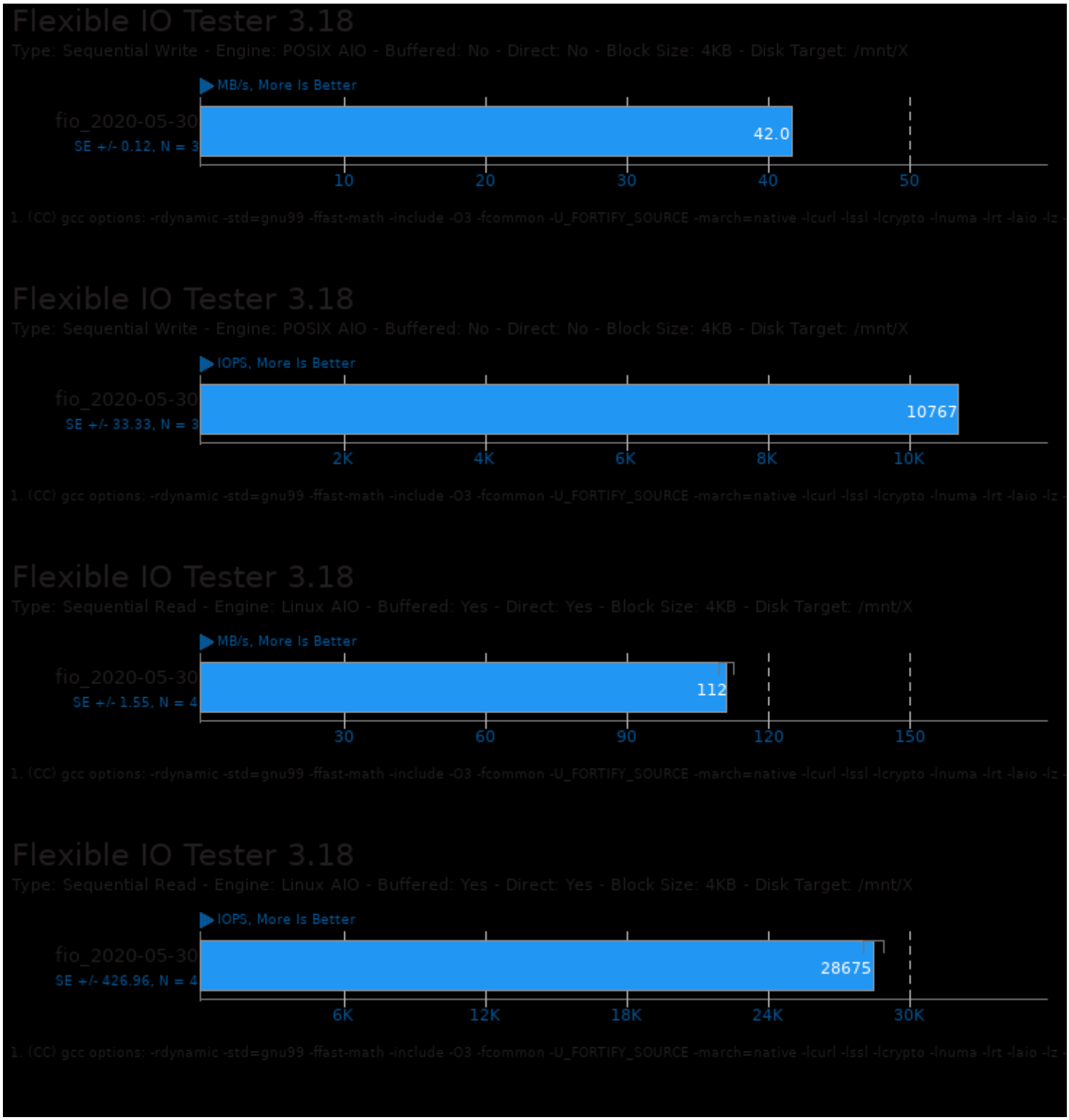

Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.25, N = 7
113
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 326.49, N = 7
28857
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.65, N = 15
59.4
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 160.99, N = 16
15200
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

fio_2020-05-30

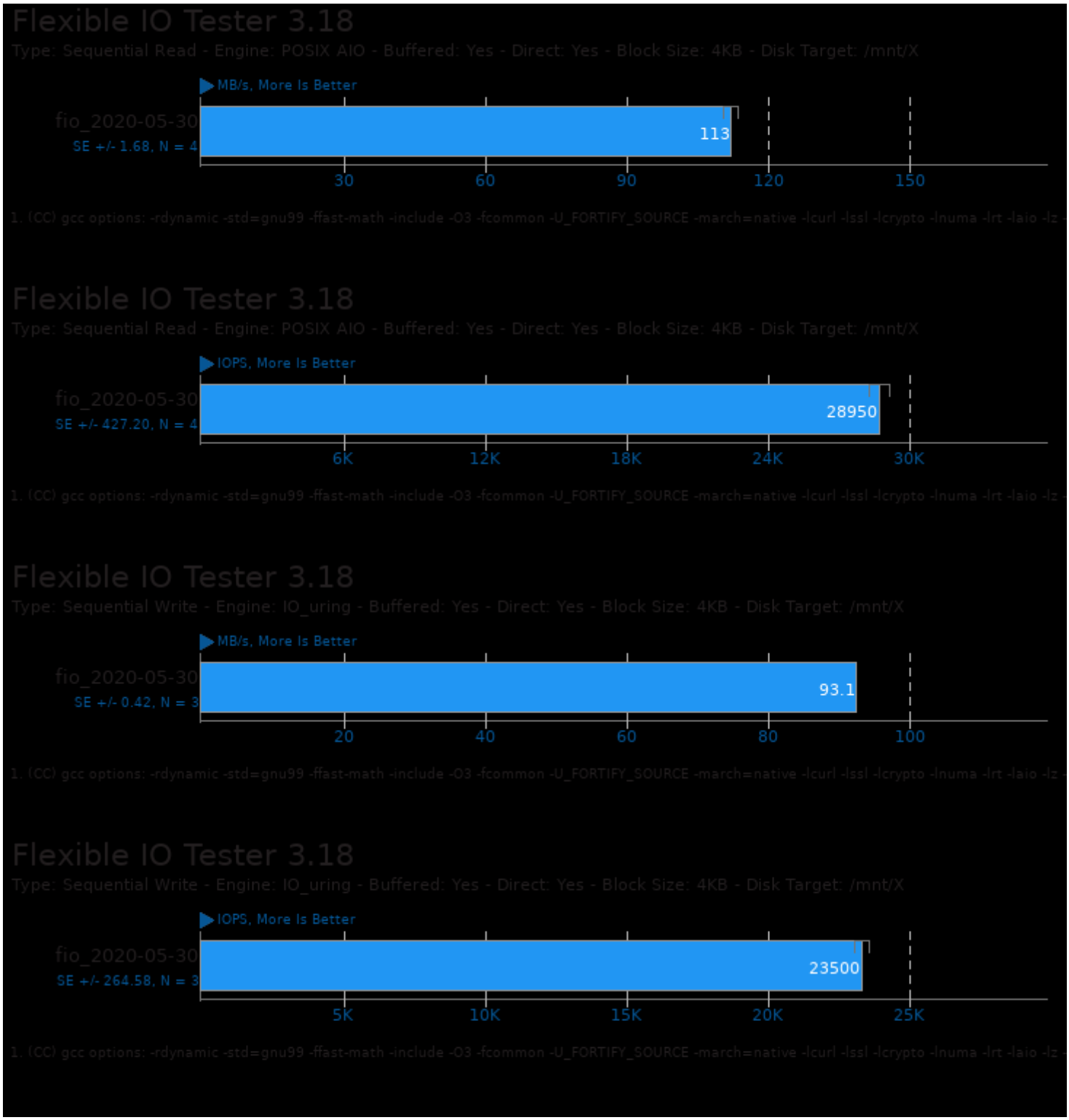


fio_2020-05-30

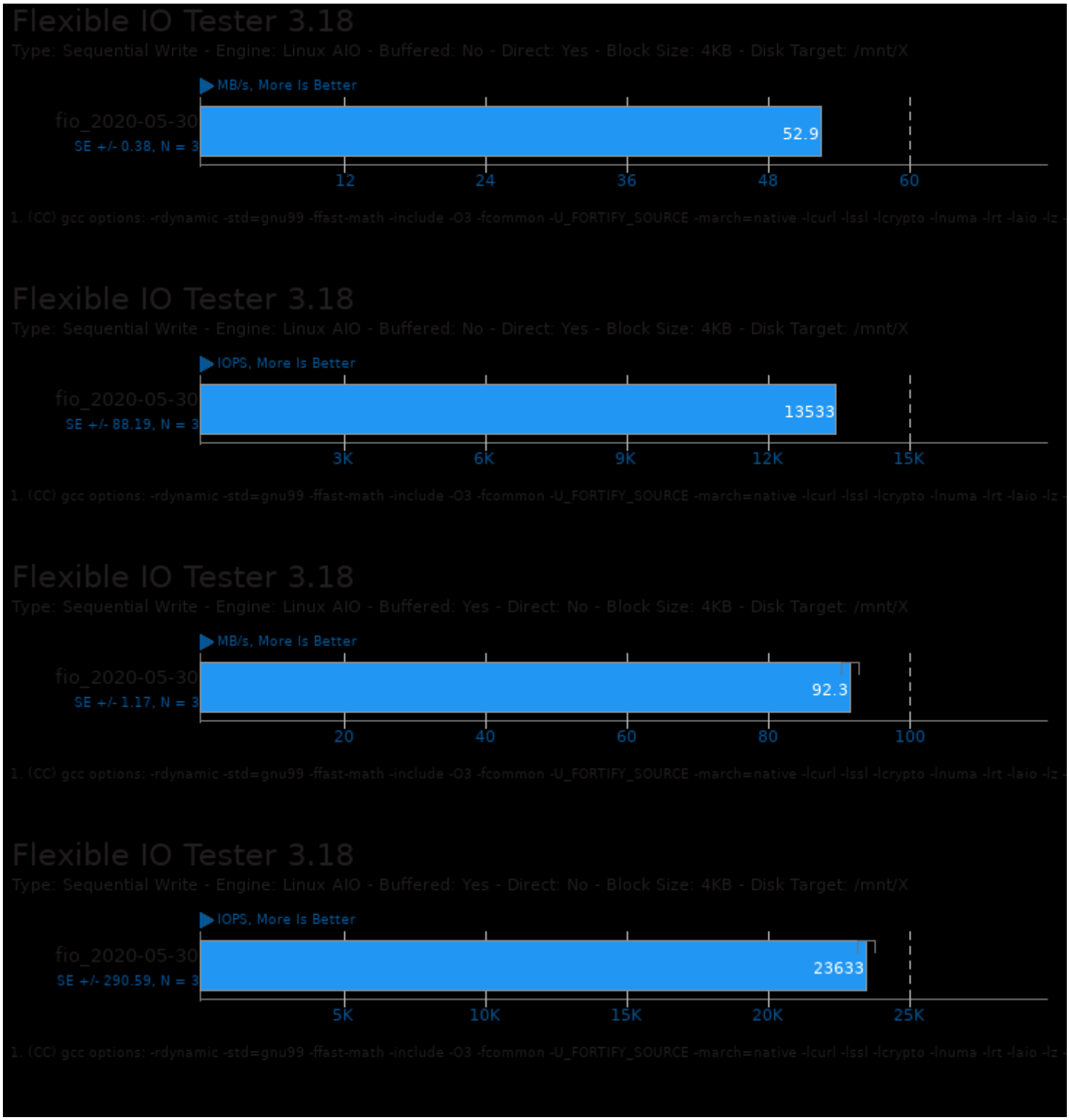



Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 0.12, N = 3
42.0
10
20
30
40
50
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 33.33, N = 3
10767
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
MB/s, More Is Better
fio_2020-05-30
SE +/- 1.55, N = 4
112
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz
Flexible IO Tester 3.18
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt/X
IOPS, More Is Better
fio_2020-05-30
SE +/- 426.96, N = 4
28675
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lcurl -lssl -lcrypto -lnuma -lrt -laio -lz

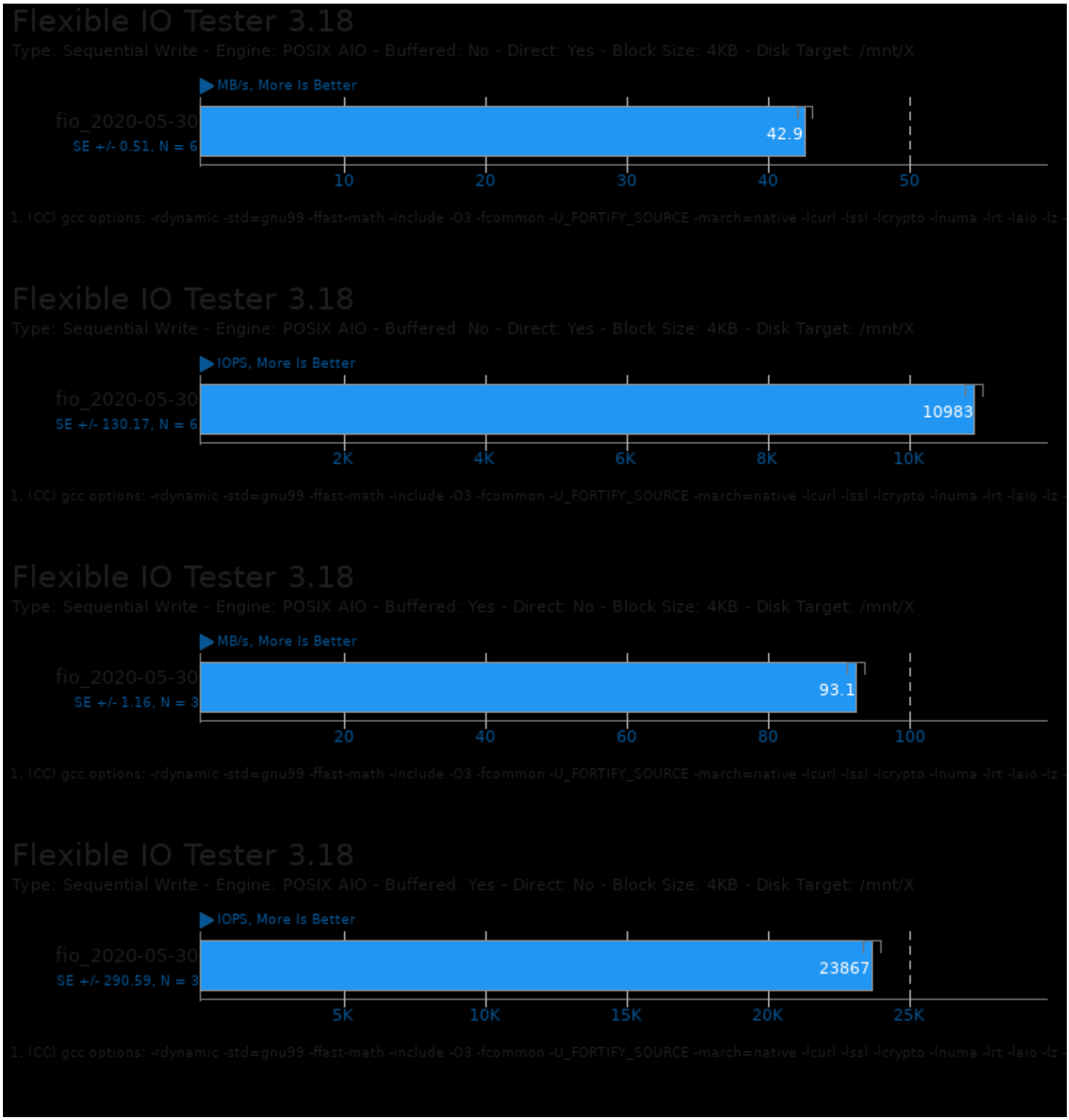
fio_2020-05-30

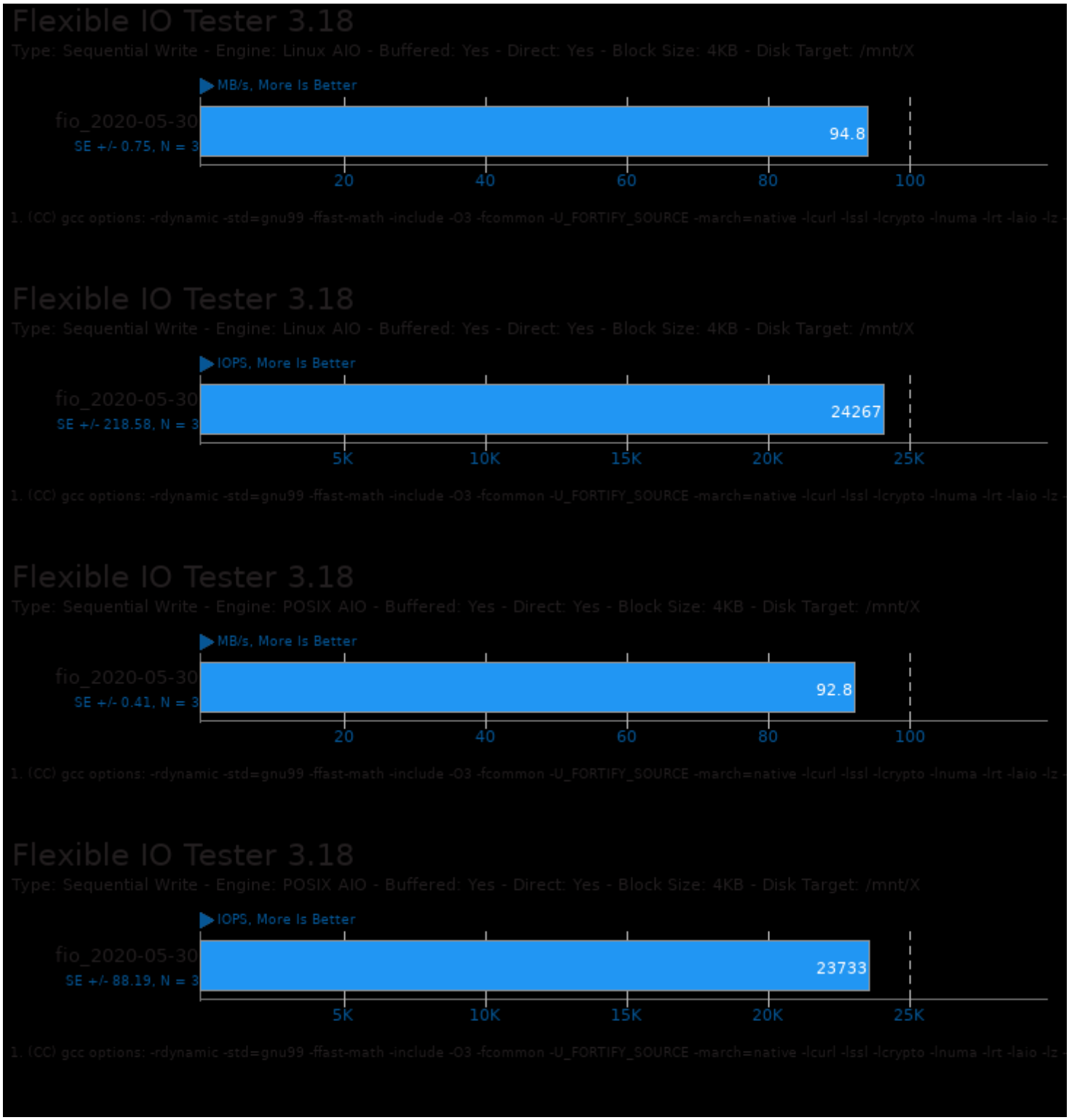


fio_2020-05-30



fio_2020-05-30





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