

www.phoronix-test-suite.com

raid1

KVM testing on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

raid1

Processor: 8 x AMD EPYC 7542 32-Core (8 Cores), Motherboard: OpenStack Foundation Nova v19.3.0 (1.10.2-1ubuntu1 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 16384 MB RAM QEMU, Disk: 34GB QEMU HDD + 17GB QEMU HDD, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-39-generic (x86_64), Vulkan: 1.0.2, Compiler: GCC 9.3.0, File-System: ext4, System Layer: KVM

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Disk Notes: MQ-DEADLINE / relatime,rw / Block Size: 4096

raid1

Processor Notes: CPU Microcode: 0x1000065
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	raid1
Flexible IO Tester - Rand Read - IO_uring - No - No - 32KB - / (MB/s)	850
Standard Deviation	31%
Flexible IO Tester - Rand Read - IO_uring - No - No - 32KB - / (IOPS)	36267
Standard Deviation	31%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB - / (MB/s)	162.9
Standard Deviation	26.5%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB - / (IOPS)	55467
Standard Deviation	26.4%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 8KB - / (MB/s)	300
Standard Deviation	31.6%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 8KB - / (IOPS)	51200
Standard Deviation	31.7%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB - / (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB - / (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 8KB - / (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 8KB - / (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB - / (MB/s)	169.2
Standard Deviation	23.1%
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB - / (IOPS)	57600
Standard Deviation	23%
Flexible IO Tester - Rand Write - IO_uring - No - No - 8KB - / (MB/s)	318
Standard Deviation	32.1%
Flexible IO Tester - Rand Write - IO_uring - No - No - 8KB - / (IOPS)	54187
Standard Deviation	32.2%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 32KB - /	750
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 32KB - /	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 32KB - /	717
Standard Deviation	12.3%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 32KB - /	30573
Standard Deviation	12.3%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB - /	106.9
Standard Deviation	36.4%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB - /	36442
Standard Deviation	36.3%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 8KB - /	188
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 8KB - /	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 32KB - / (MB/s)	1125
Standard Deviation	37.8%
Flexible IO Tester - Rand Write - IO_uring - No - No - 32KB - / (IOPS)	48000
Standard Deviation	37.8%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB - / (MB/s)	180.2
Standard Deviation	15.1%

raid1

Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB - / (IOPS)	61333
Standard Deviation	15.1%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 8KB - / (MB/s)	338
Standard Deviation	22.9%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 8KB - / (IOPS)	57600
Standard Deviation	23%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB - / (MB/s)	180.2
Standard Deviation	15.1%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB - / (IOPS)	61333
Standard Deviation	15.1%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 8KB - / (MB/s)	296
Standard Deviation	34.2%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 8KB - / (IOPS)	50487
Standard Deviation	34.3%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB - /mnt	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB - /mnt	32000
Flexible IO Tester - Rand Read - IO_uring - No - No - 8KB - /mnt	188
Flexible IO Tester - Rand Read - IO_uring - No - No - 8KB - /mnt	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 32KB - /	750
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 32KB - /	32000
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 32KB - /	1183
Standard Deviation	34.3%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 32KB - /	50487
Standard Deviation	34.3%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 32KB - /	531
Standard Deviation	33.5%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 32KB - /	22658
Standard Deviation	33.5%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB - /	162.9
Standard Deviation	26.5%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB - /	55467
Standard Deviation	26.4%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 8KB - /	267
Standard Deviation	40%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 8KB - /	45507
Standard Deviation	40.1%
Flexible IO Tester - Rand Read - IO_uring - No - No - 32KB - /mnt (MB/s)	500
Flexible IO Tester - Rand Read - IO_uring - No - No - 32KB - /mnt (IOPS)	21300
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB - /mnt (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 8KB - /mnt (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 8KB - /mnt (IOPS)	32000

Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB - /mnt (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 8KB - /mnt (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 8KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB - /mnt	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB - /mnt	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 8KB - /mnt	188
Flexible IO Tester - Rand Write - IO_uring - No - No - 8KB - /mnt	32000
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 32KB - /	625
Standard Deviation	46%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 32KB - /	26653
Standard Deviation	46%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB - / (MB/s)	162.9
Standard Deviation	26.5%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB - / (IOPS)	55467
Standard Deviation	26.4%
Flexible IO Tester - Seq Read - IO_uring - No - No - 8KB - / (MB/s)	344
Standard Deviation	21.2%
Flexible IO Tester - Seq Read - IO_uring - No - No - 8KB - / (IOPS)	58667
Standard Deviation	21.2%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 32KB - /mnt (MB/s)	600
Standard Deviation	21.1%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 32KB - /mnt (IOPS)	25580
Standard Deviation	21.2%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 32KB - /mnt (MB/s)	490
Standard Deviation	7.4%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 32KB - /mnt (IOPS)	20858
Standard Deviation	7.3%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB - /mnt (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 8KB - /mnt (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 8KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 32KB - /mnt (MB/s)	300

Flexible IO Tester - Rand Write - IO_uring - No - No - 32KB - /mnt (IOPS)	12800
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB - /mnt	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 8KB - /mnt	188
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 8KB - /mnt (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB - /mnt	171.3
Standard Deviation	25.8%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB - /mnt (IOPS)	58307
Standard Deviation	25.8%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 8KB - /mnt	375
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 8KB - /mnt (IOPS)	64000
Flexible IO Tester - Seq Read - IO_uring - No - No - 32KB - / (MB/s)	802
Standard Deviation	52.2%
Flexible IO Tester - Seq Read - IO_uring - No - No - 32KB - / (IOPS)	34222
Standard Deviation	52.2%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB - / (MB/s)	162.9
Standard Deviation	26.5%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB - / (IOPS)	55467
Standard Deviation	26.4%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 8KB - / (MB/s)	350
Standard Deviation	18.8%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 8KB - / (IOPS)	59733
Standard Deviation	18.8%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB - / (MB/s)	122.9
Standard Deviation	55.9%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB - / (IOPS)	41861
Standard Deviation	55.8%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 8KB - / (MB/s)	131.7
Standard Deviation	56.8%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 8KB - / (IOPS)	22430
Standard Deviation	56.8%
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB - / (MB/s)	180.2
Standard Deviation	15.1%
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB - / (IOPS)	61333
Standard Deviation	15.1%
Flexible IO Tester - Seq Write - IO_uring - No - No - 8KB - / (MB/s)	359
Standard Deviation	15%
Flexible IO Tester - Seq Write - IO_uring - No - No - 8KB - / (IOPS)	61333
Standard Deviation	15.1%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 32KB - /mnt (MB/s)	550
Standard Deviation	18.8%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 32KB - /mnt (IOPS)	23440
Standard Deviation	18.9%

Flexible IO Tester - Rand Write - IO_uring - No - Yes - 32KB - /mnt (MB/s)	425
Standard Deviation	22.8%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 32KB - /mnt (IOPS)	18113
Standard Deviation	22.7%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 32KB - /mnt (MB/s)	450
Standard Deviation	48.8%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 32KB - /mnt (IOPS)	19200
Standard Deviation	48.8%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB - /mnt (MB/s)	165.8
Standard Deviation	31.4%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB - /mnt (IOPS)	56442
Standard Deviation	31.3%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 8KB - /mnt (MB/s)	342
Standard Deviation	25.7%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 8KB - /mnt (IOPS)	58307
Standard Deviation	25.8%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 32KB - / (MB/s)	521
Standard Deviation	46.3%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 32KB - / (IOPS)	22237
Standard Deviation	46.3%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 32KB - / (MB/s)	500
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 32KB - / (IOPS)	21300
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB - / (MB/s)	158.7
Standard Deviation	33%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB - / (IOPS)	54047
Standard Deviation	32.9%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 8KB - / (MB/s)	185.8
Standard Deviation	40.3%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 8KB - / (IOPS)	31642
Standard Deviation	40.3%
Flexible IO Tester - Seq Write - IO_uring - No - No - 32KB - / (MB/s)	750
Flexible IO Tester - Seq Write - IO_uring - No - No - 32KB - / (IOPS)	32000
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB - / (MB/s)	158.2
Standard Deviation	34%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB - / (IOPS)	53867
Standard Deviation	33.9%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 8KB - / (MB/s)	300
Standard Deviation	31.6%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 8KB - / (IOPS)	51200
Standard Deviation	31.7%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB - / (MB/s)	188
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB - / (IOPS)	64000
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 8KB - / (MB/s)	375

Flexible IO Tester - Seq Write - IO_uring - Yes - No - 8KB - / (IOPS)	64000
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 32KB - /mnt (MB/s)	420
Standard Deviation	51.1%
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 32KB - /mnt (IOPS)	17927
Standard Deviation	51%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB - /mnt	146.1
Standard Deviation	37.8%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB - /mnt	49780
Standard Deviation	37.7%
Flexible IO Tester - Seq Read - IO_uring - No - No - 8KB - /mnt	288
Standard Deviation	33.6%
Flexible IO Tester - Seq Read - IO_uring - No - No - 8KB - /mnt	49067
Standard Deviation	33.7%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 32KB - / (MB/s)	457
Standard Deviation	24.6%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 32KB - / (IOPS)	19467
Standard Deviation	24.6%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 32KB - / (MB/s)	1150
Standard Deviation	45.6%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 32KB - / (IOPS)	49067
Standard Deviation	45.6%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 32KB - / (MB/s)	759
Standard Deviation	60.1%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 32KB - / (IOPS)	32385
Standard Deviation	60.1%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB - / (MB/s)	188
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB - / (IOPS)	64000
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 8KB - / (MB/s)	331.3
Standard Deviation	28%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 8KB - / (IOPS)	56533
Standard Deviation	28%
Flexible IO Tester - Seq Read - IO_uring - No - No - 32KB - /mnt	750
Flexible IO Tester - Seq Read - IO_uring - No - No - 32KB - /mnt	32000
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB - /mnt	188
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB - /mnt	64000
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 8KB - /mnt	375
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 8KB - /mnt	64000
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB - /mnt	162.9
Standard Deviation	26.5%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB - /mnt	55467
Standard Deviation	26.4%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 8KB - /mnt	188
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 8KB - /mnt	32000
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB - /mnt	93.8
Standard Deviation	0%
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB - /mnt	32000
Flexible IO Tester - Seq Write - IO_uring - No - No - 8KB - /mnt	188
Flexible IO Tester - Seq Write - IO_uring - No - No - 8KB - /mnt	32000
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 32KB - / (MB/s)	716

Standard Deviation	51.5%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 32KB - / (IOPS)	30542
Standard Deviation	51.5%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 32KB - /mnt	750
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 32KB - /mnt (IOPS)	32000
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 32KB - /mnt	500
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 32KB - /mnt (IOPS)	21300
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB - /mnt	131.5
Standard Deviation	36.3%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB - /mnt	44800
Standard Deviation	36.2%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 8KB - /mnt	188
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 8KB - /mnt	32000
Flexible IO Tester - Seq Write - IO_uring - No - No - 32KB - /mnt	500
Flexible IO Tester - Seq Write - IO_uring - No - No - 32KB - /mnt	21300
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB - /mnt	93.8
Standard Deviation	0%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB - /mnt	32000
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 8KB - /mnt	188
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 8KB - /mnt	32000
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB - /mnt	156.6
Standard Deviation	29.4%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB - /mnt	53333
Standard Deviation	29.3%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 8KB - /mnt	359
Standard Deviation	15%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 8KB - /mnt	61333
Standard Deviation	15.1%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 32KB - /mnt (MB/s)	500
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 32KB - /mnt (IOPS)	21300
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 32KB - /mnt	387
Standard Deviation	12.9%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 32KB - /mnt (IOPS)	16493
Standard Deviation	12.8%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 32KB - /mnt	492
Standard Deviation	33.9%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 32KB - /mnt (IOPS)	20973
Standard Deviation	33.9%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB - /mnt	180.2
Standard Deviation	15.1%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB - /mnt	61333
Standard Deviation	15.1%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 8KB - /mnt	375
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 8KB - /mnt (IOPS)	64000

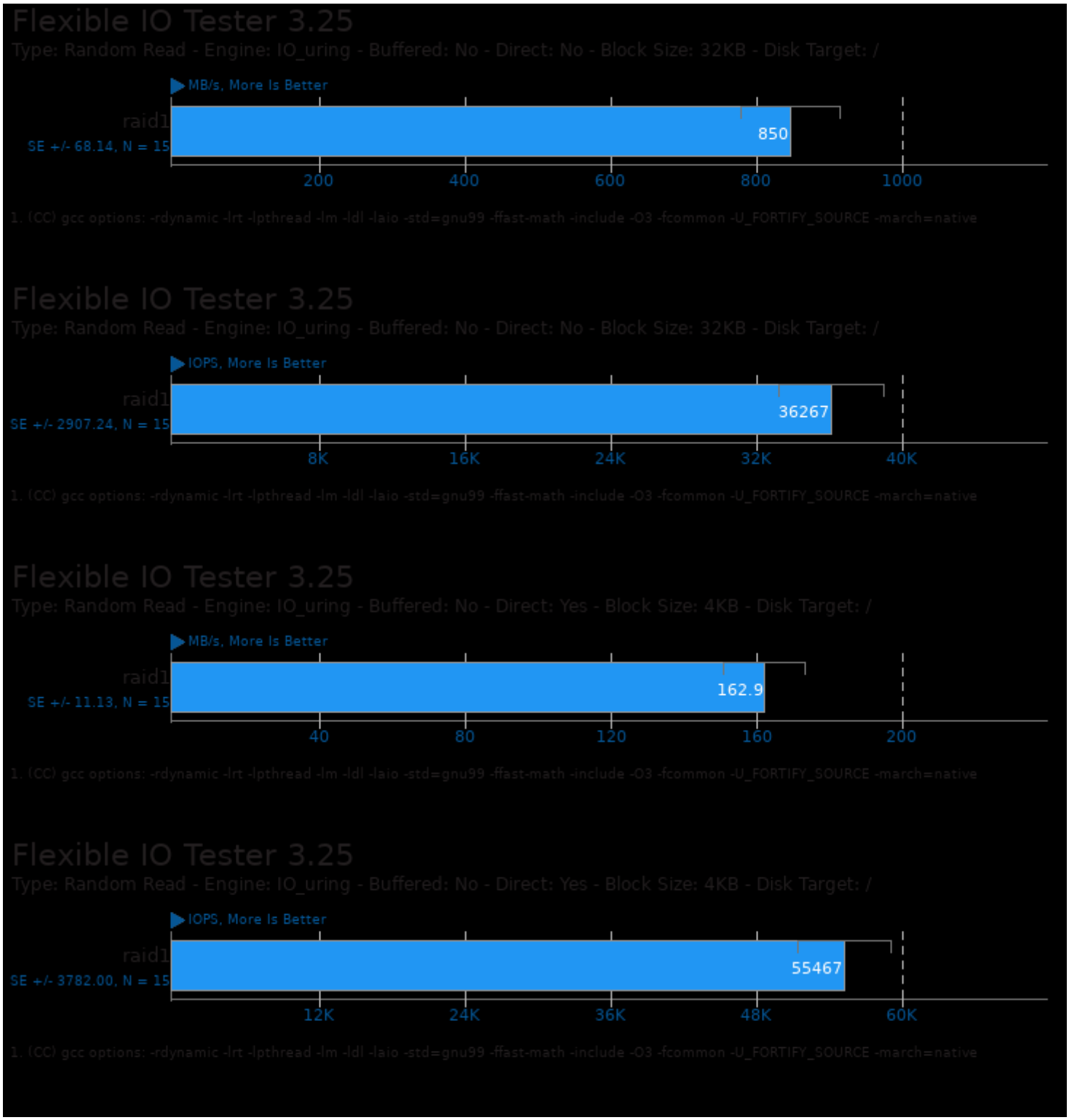
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 32KB - /mnt (MB/s)	698
Standard Deviation	57.4%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 32KB - /mnt (IOPS)	29767
Standard Deviation	57.4%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB (MB/s)	172.3
Standard Deviation	21.3%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB (IOPS)	58667
Standard Deviation	21.2%
Flexible IO Tester - Rand Read - IO_uring - No - No - 8KB (MB/s)	375
Flexible IO Tester - Rand Read - IO_uring - No - No - 8KB (IOPS)	64000
Flexible IO Tester - Rand Read - IO_uring - No - No - 32KB (MB/s)	750
Flexible IO Tester - Rand Read - IO_uring - No - No - 32KB (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB (MB/s)	175.4
Standard Deviation	18.9%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 4KB (IOPS)	59733
Standard Deviation	18.8%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 8KB (MB/s)	375
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 8KB (IOPS)	64000
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 4KB (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 8KB (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 8KB (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB (MB/s)	76.5
Standard Deviation	26.5%
Flexible IO Tester - Rand Write - IO_uring - No - No - 4KB (IOPS)	26087
Standard Deviation	26.6%
Flexible IO Tester - Rand Write - IO_uring - No - No - 8KB (MB/s)	173.3
Standard Deviation	18%
Flexible IO Tester - Rand Write - IO_uring - No - No - 8KB (IOPS)	29507
Standard Deviation	17.9%
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 32KB (MB/s)	750
Flexible IO Tester - Rand Read - IO_uring - No - Yes - 32KB (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 32KB (MB/s)	750
Flexible IO Tester - Rand Read - IO_uring - Yes - No - 32KB (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 4KB (IOPS)	32000
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 8KB (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 8KB (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - No - 32KB (MB/s)	600
Standard Deviation	26.4%
Flexible IO Tester - Rand Write - IO_uring - No - No - 32KB (IOPS)	25587
Standard Deviation	26.4%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB (MB/s)	93.8
Standard Deviation	0%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 4KB (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 8KB (MB/s)	156.0
Standard Deviation	32.2%

Flexible IO Tester - Rand Write - IO_uring - No - Yes - 8KB (IOPS)	26563
Standard Deviation	32.1%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB (MB/s)	188
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 4KB (IOPS)	64000
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 8KB (MB/s)	375
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 8KB (IOPS)	64000
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 32KB (MB/s)	750
Flexible IO Tester - Rand Read - IO_uring - Yes - Yes - 32KB (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 32KB (MB/s)	658
Standard Deviation	20.9%
Flexible IO Tester - Rand Write - IO_uring - No - Yes - 32KB (IOPS)	28080
Standard Deviation	20.9%
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 32KB (MB/s)	750
Flexible IO Tester - Rand Write - IO_uring - Yes - No - 32KB (IOPS)	32000
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB (MB/s)	188
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 4KB (IOPS)	64000
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 8KB (MB/s)	375
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 8KB (IOPS)	64000
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 32KB (MB/s)	750
Flexible IO Tester - Rand Write - IO_uring - Yes - Yes - 32KB (IOPS)	32000
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB (MB/s)	180.2
Standard Deviation	15.1%
Flexible IO Tester - Seq Read - IO_uring - No - No - 4KB (IOPS)	61333
Standard Deviation	15.1%
Flexible IO Tester - Seq Read - IO_uring - No - No - 8KB (MB/s)	375
Flexible IO Tester - Seq Read - IO_uring - No - No - 8KB (IOPS)	64000
Flexible IO Tester - Seq Read - IO_uring - No - No - 32KB (MB/s)	717
Standard Deviation	12.3%
Flexible IO Tester - Seq Read - IO_uring - No - No - 32KB (IOPS)	30573
Standard Deviation	12.3%
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB (MB/s)	188
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 4KB (IOPS)	64000
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 8KB (MB/s)	375
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 8KB (IOPS)	64000
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB (MB/s)	115.2
Standard Deviation	41.4%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 4KB (IOPS)	39253
Standard Deviation	41.3%
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 8KB (MB/s)	188
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 8KB (IOPS)	32000
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB (MB/s)	91.2
Standard Deviation	9.9%
Flexible IO Tester - Seq Write - IO_uring - No - No - 4KB (IOPS)	31108
Standard Deviation	9.9%
Flexible IO Tester - Seq Write - IO_uring - No - No - 8KB (MB/s)	188
Flexible IO Tester - Seq Write - IO_uring - No - No - 8KB (IOPS)	32000
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 32KB (MB/s)	750
Flexible IO Tester - Seq Read - IO_uring - No - Yes - 32KB (IOPS)	32000
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 32KB (MB/s)	450
Standard Deviation	17.6%

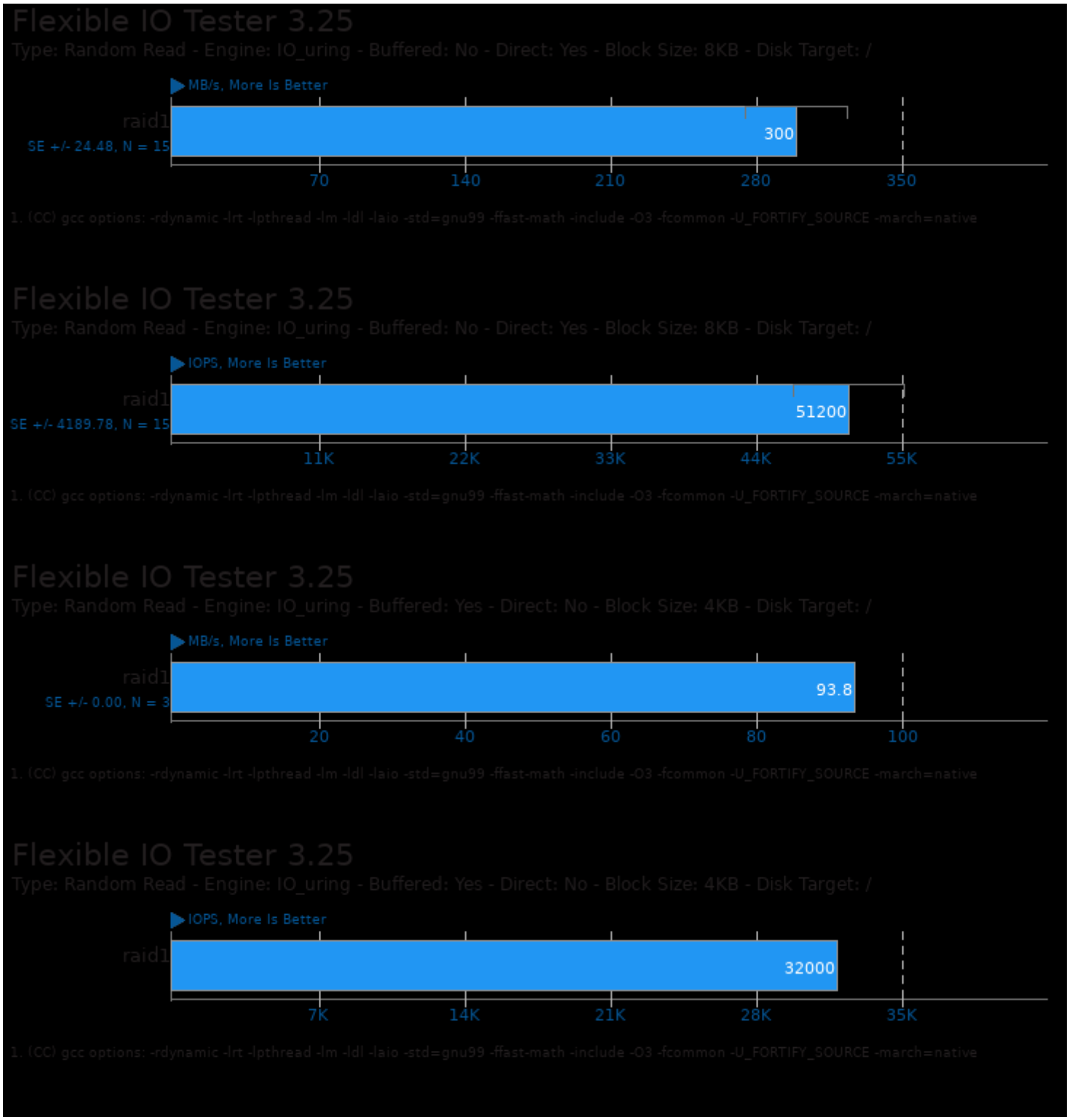
raid1

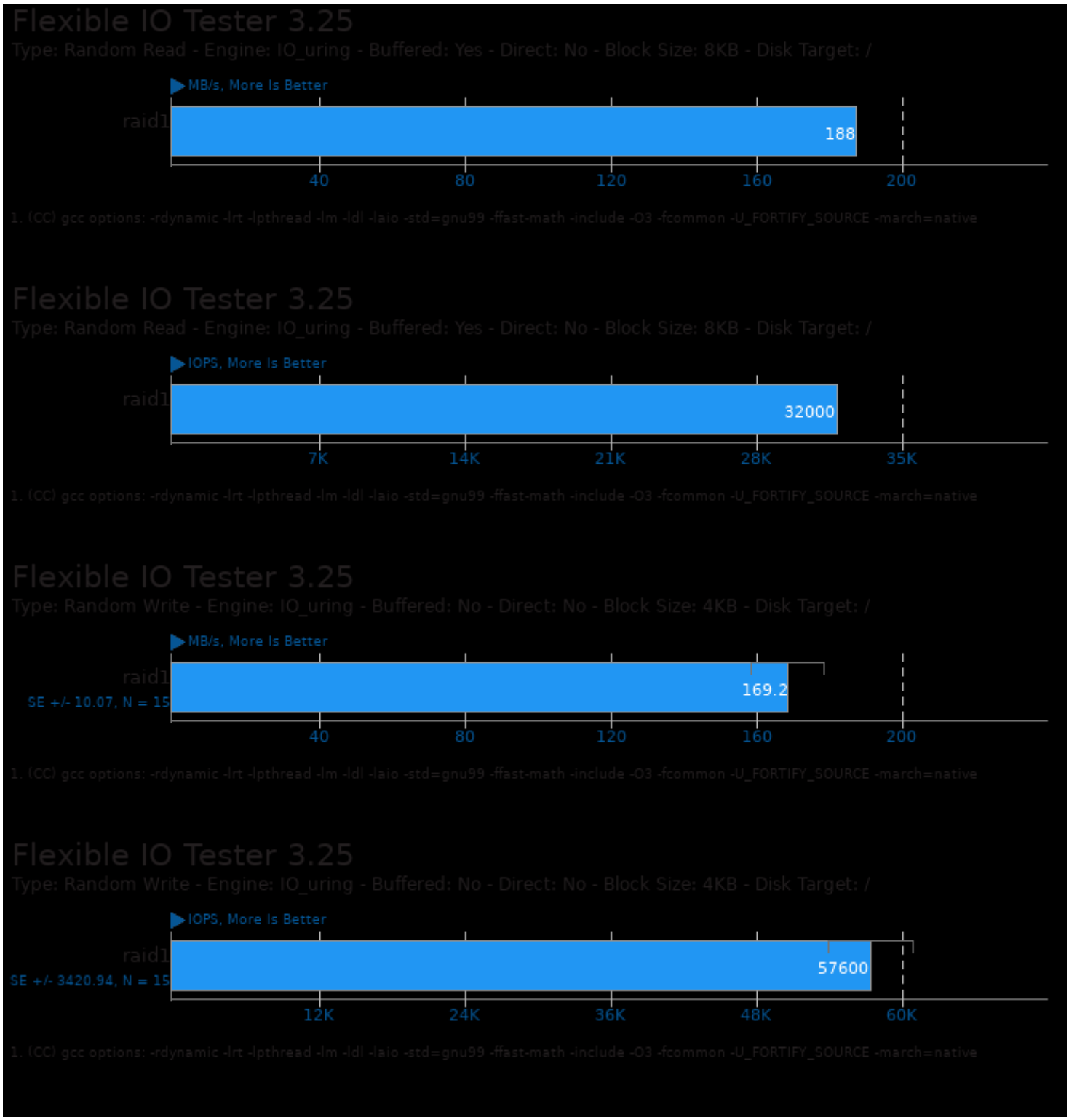
Flexible IO Tester - Seq Read - IO_uring - Yes - No - 32KB (IOPS)	19180
Standard Deviation	17.5%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB (MB/s)	143.5
Standard Deviation	39%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 4KB (IOPS)	48883
Standard Deviation	38.9%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 8KB (MB/s)	188
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 8KB (IOPS)	32000
Flexible IO Tester - Seq Write - IO_uring - No - No - 32KB (MB/s)	667
Standard Deviation	22%
Flexible IO Tester - Seq Write - IO_uring - No - No - 32KB (IOPS)	28440
Standard Deviation	22.1%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB (MB/s)	100.1
Standard Deviation	24.3%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 4KB (IOPS)	34133
Standard Deviation	24.2%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 8KB (MB/s)	188
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 8KB (IOPS)	32000
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB (MB/s)	188
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 4KB (IOPS)	64000
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 8KB (MB/s)	375
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 8KB (IOPS)	64000
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 32KB (MB/s)	435
Standard Deviation	19.8%
Flexible IO Tester - Seq Read - IO_uring - Yes - Yes - 32KB (IOPS)	18540
Standard Deviation	19.7%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 32KB (MB/s)	670
Standard Deviation	21.6%
Flexible IO Tester - Seq Write - IO_uring - No - Yes - 32KB (IOPS)	28580
Standard Deviation	21.7%
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 32KB (MB/s)	750
Flexible IO Tester - Seq Write - IO_uring - Yes - No - 32KB (IOPS)	32000
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB (MB/s)	188
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 4KB (IOPS)	64000
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 8KB (MB/s)	375
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 8KB (IOPS)	64000
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 32KB (MB/s)	933
Standard Deviation	38.5%
Flexible IO Tester - Seq Write - IO_uring - Yes - Yes - 32KB (IOPS)	39820
Standard Deviation	38.5%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB - / (MB/s)	152.4
Standard Deviation	34.7%
Flexible IO Tester - Rand Read - IO_uring - No - No - 4KB - / (IOPS)	51907
Standard Deviation	34.6%
Flexible IO Tester - Rand Read - IO_uring - No - No - 8KB - / (MB/s)	188
Flexible IO Tester - Rand Read - IO_uring - No - No - 8KB - / (IOPS)	32000

raid1

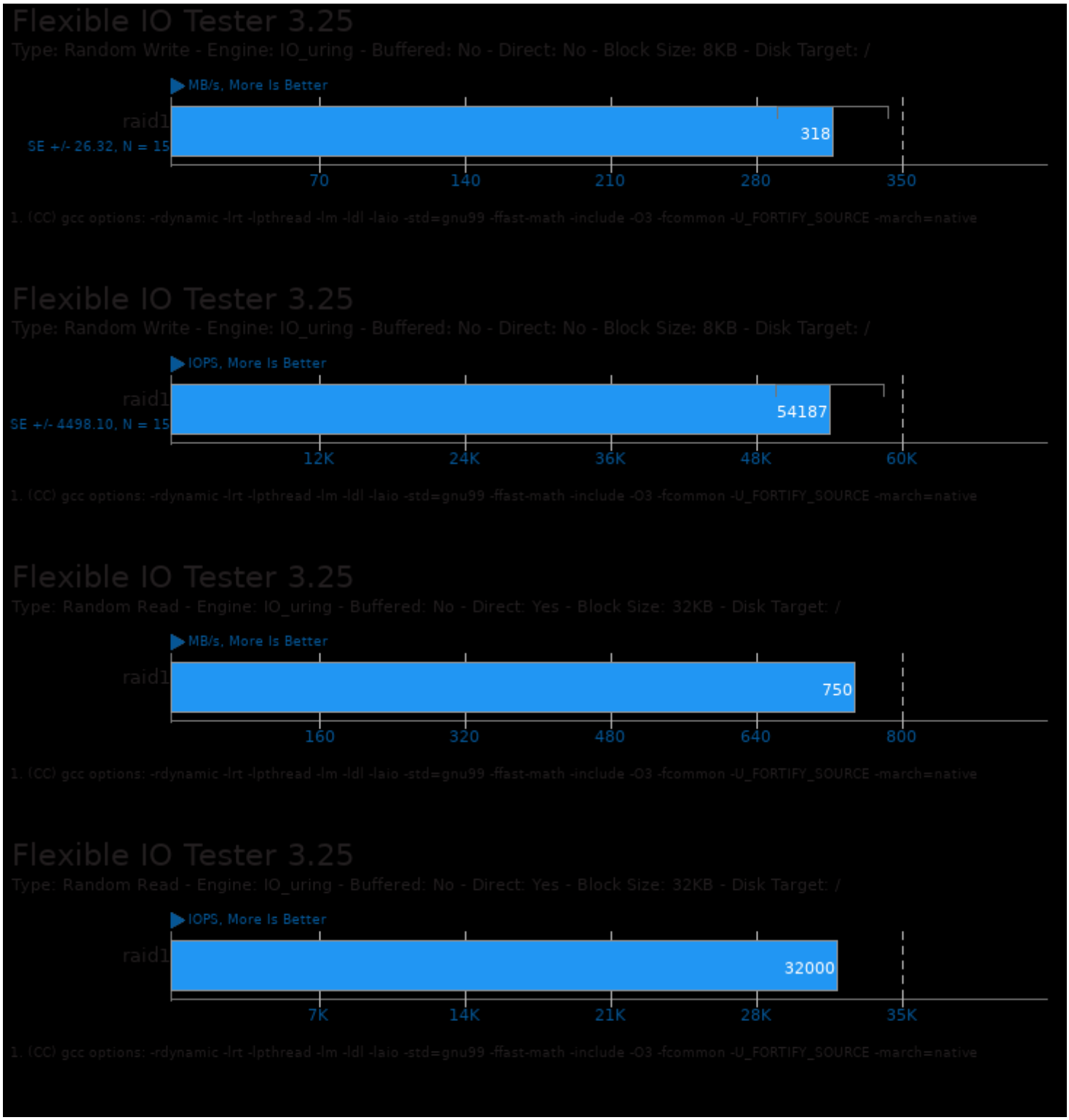

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 68.14, N = 15
850
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2907.24, N = 15
36267
8K
16K
24K
32K
40K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 11.13, N = 15
162.9
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3782.00, N = 15
55467
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

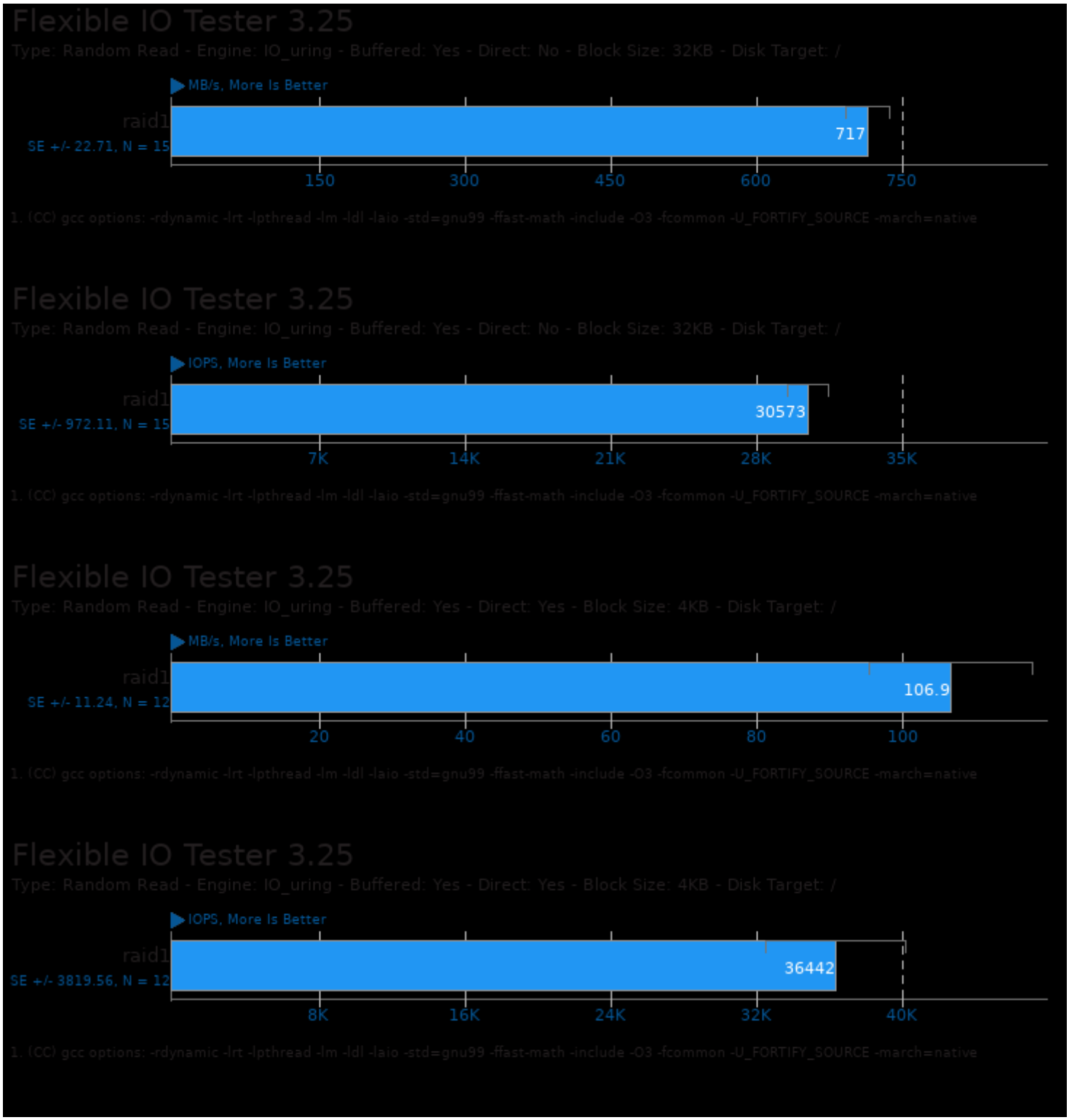

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 24.48, N = 15
300
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4189.78, N = 15
51200
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 10.07, N = 15
169.2
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3420.94, N = 15
57600
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

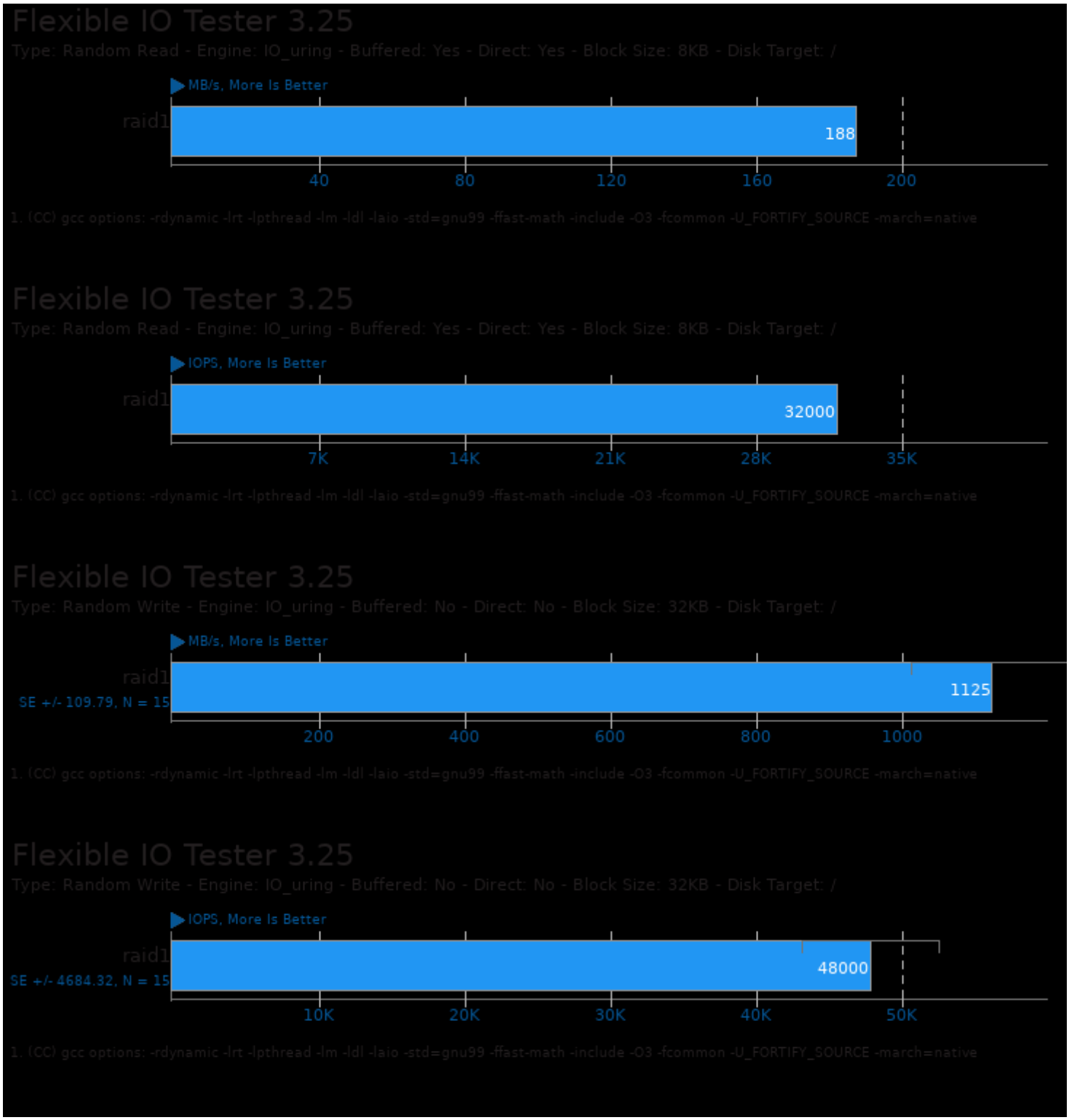
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
318
SE +/- 26.32, N = 15
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
54187
SE +/- 4498.10, N = 15
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

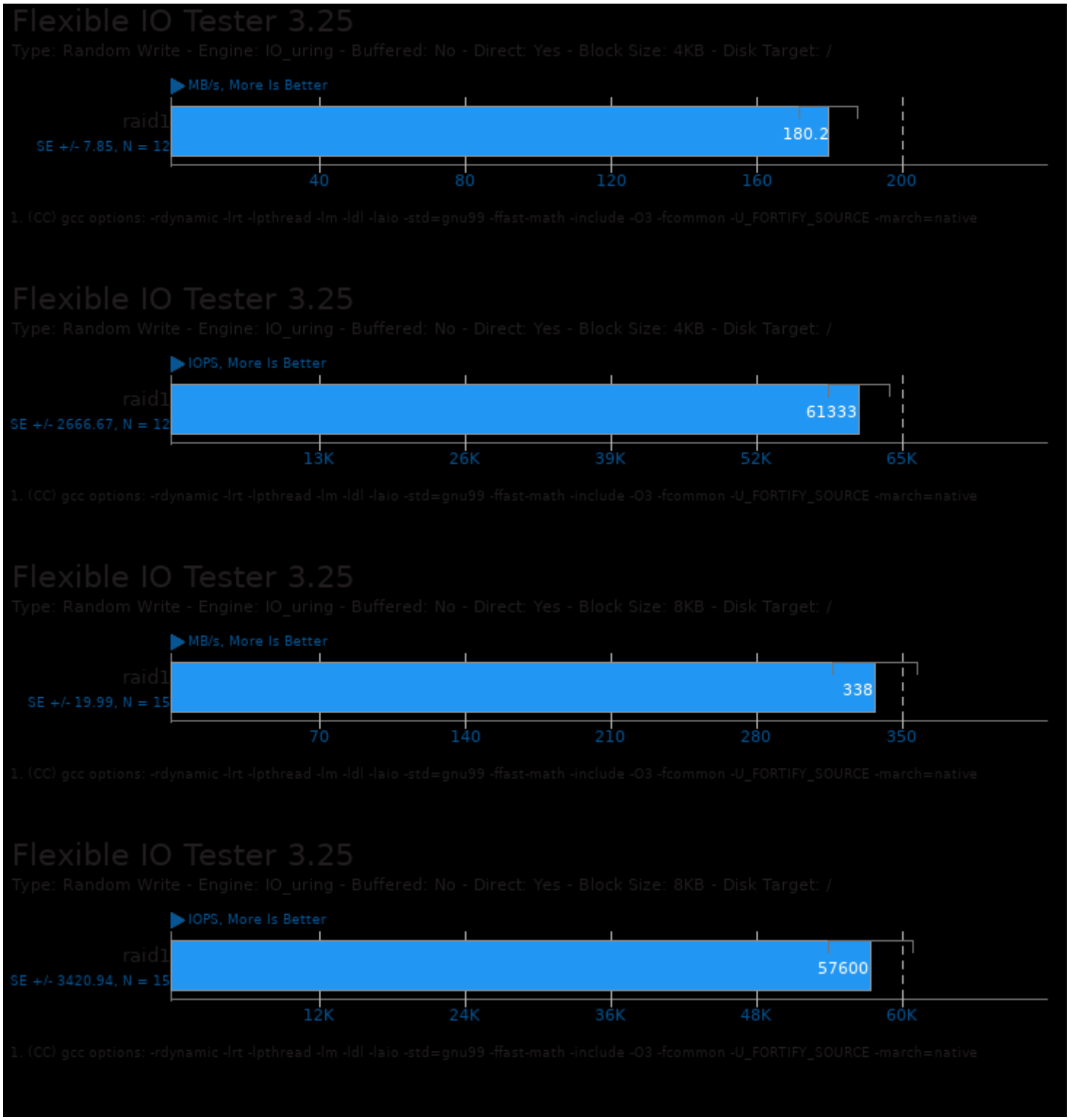
raid1


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 22.71, N = 15
717
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 972.11, N = 15
30573
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 11.24, N = 12
106.9
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3819.56, N = 12
36442
8K
16K
24K
32K
40K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

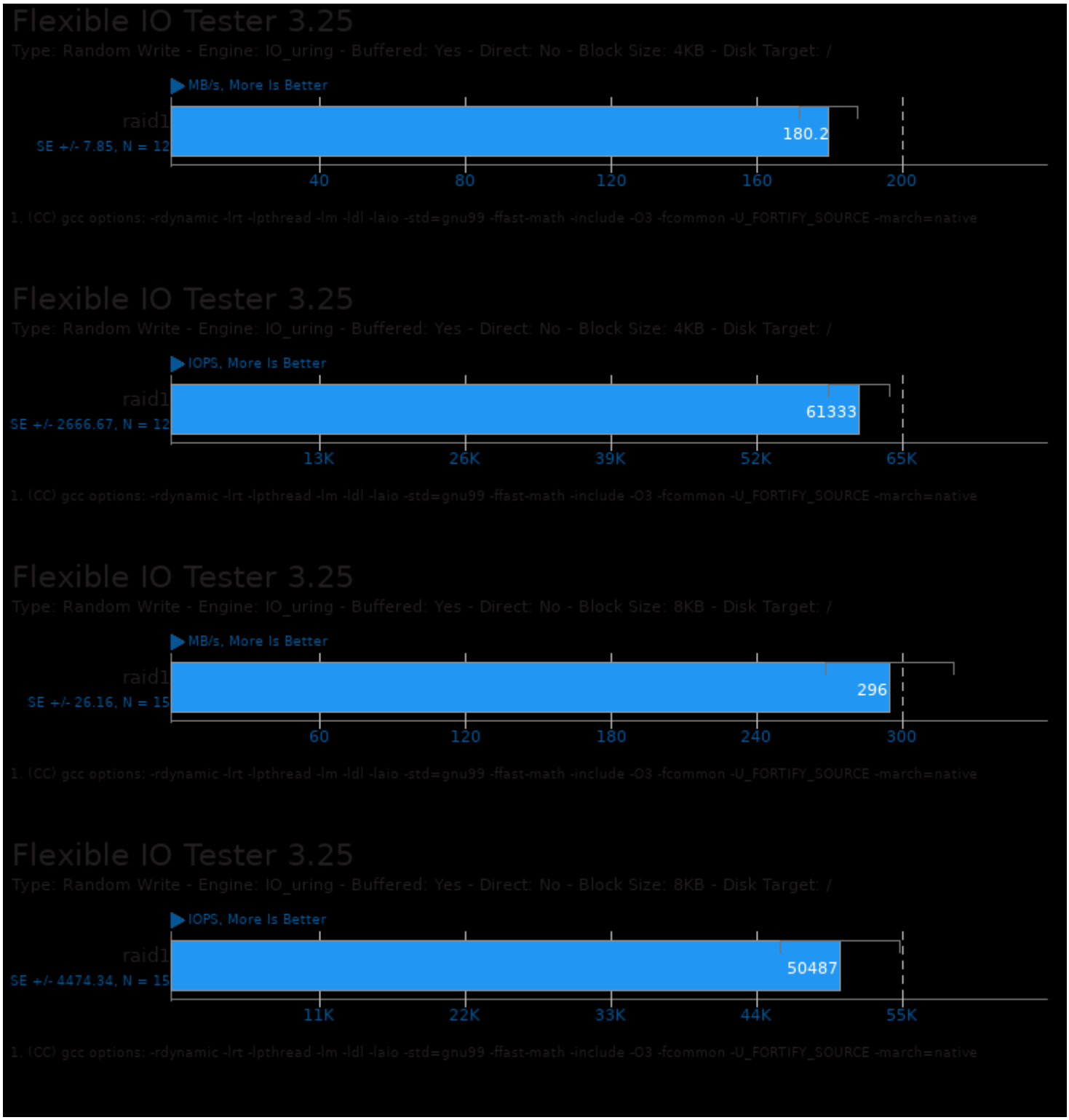
raid1


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 109.79, N = 15
1125
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4684.32, N = 15
48000
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

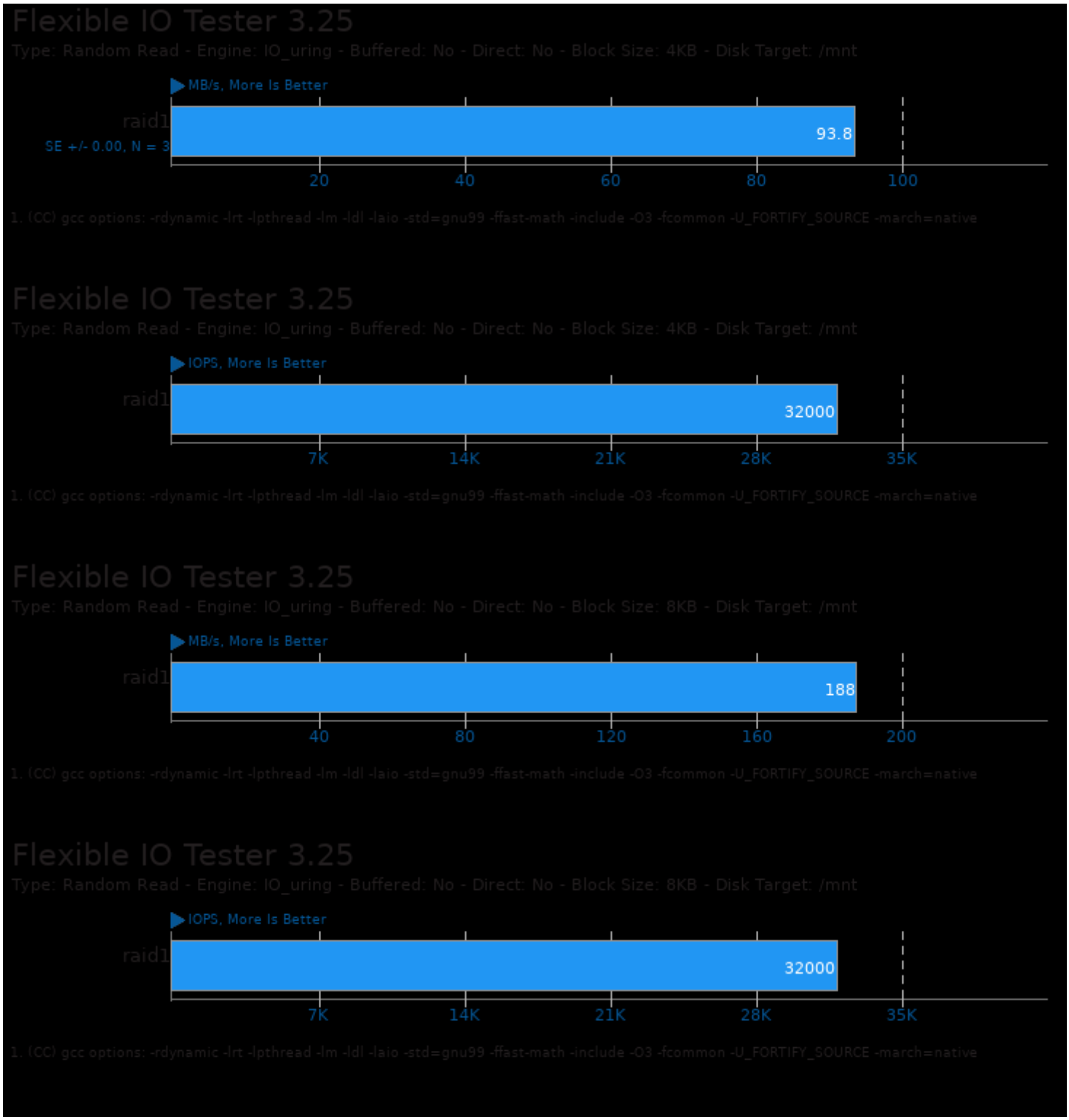
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 7.85, N = 12
180.2
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 19.99, N = 15
338
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3420.94, N = 15
57600
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

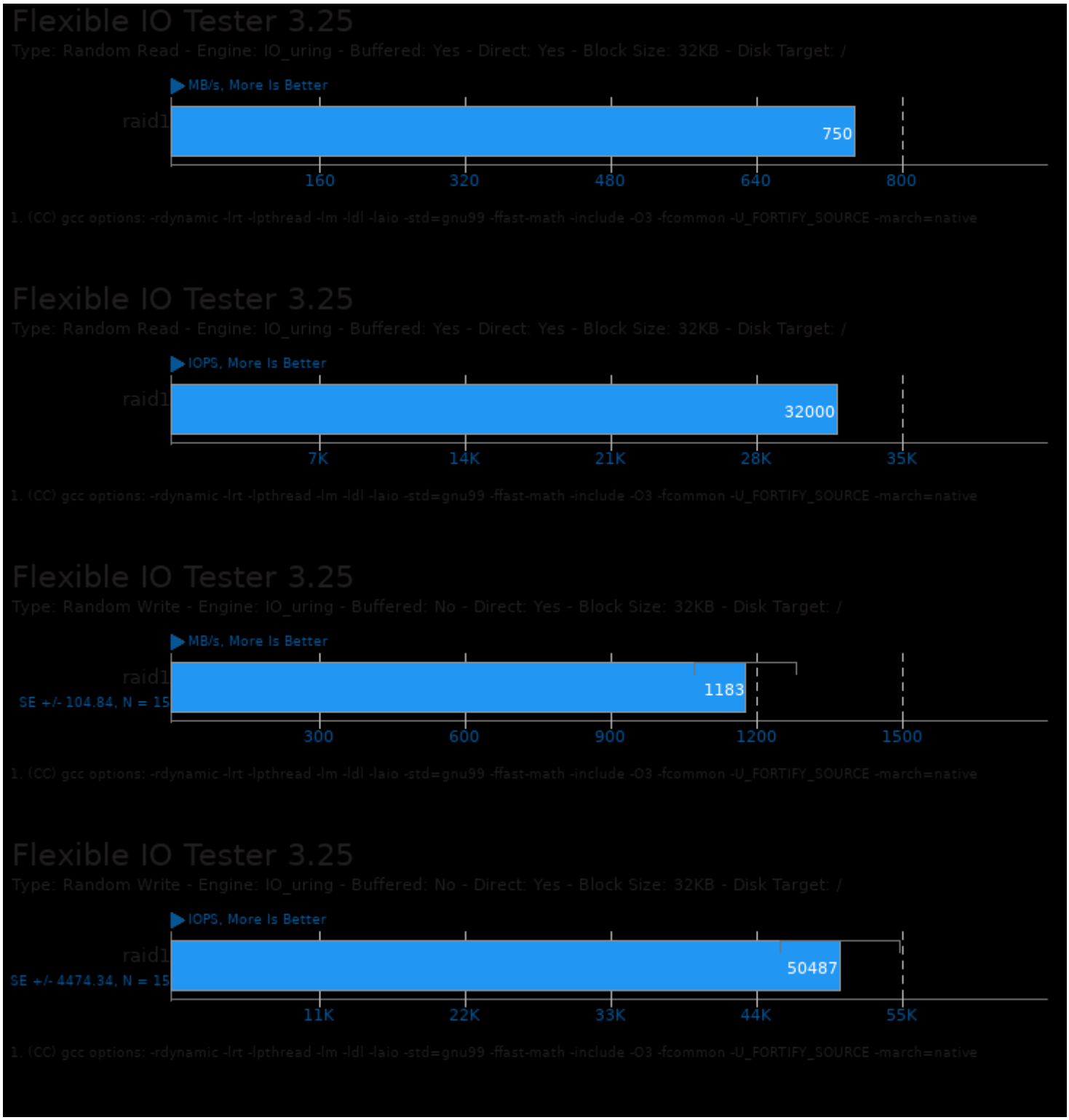
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 7.85, N = 12
180.2
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 26.16, N = 15
296
60
120
180
240
300
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4474.34, N = 15
50487
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

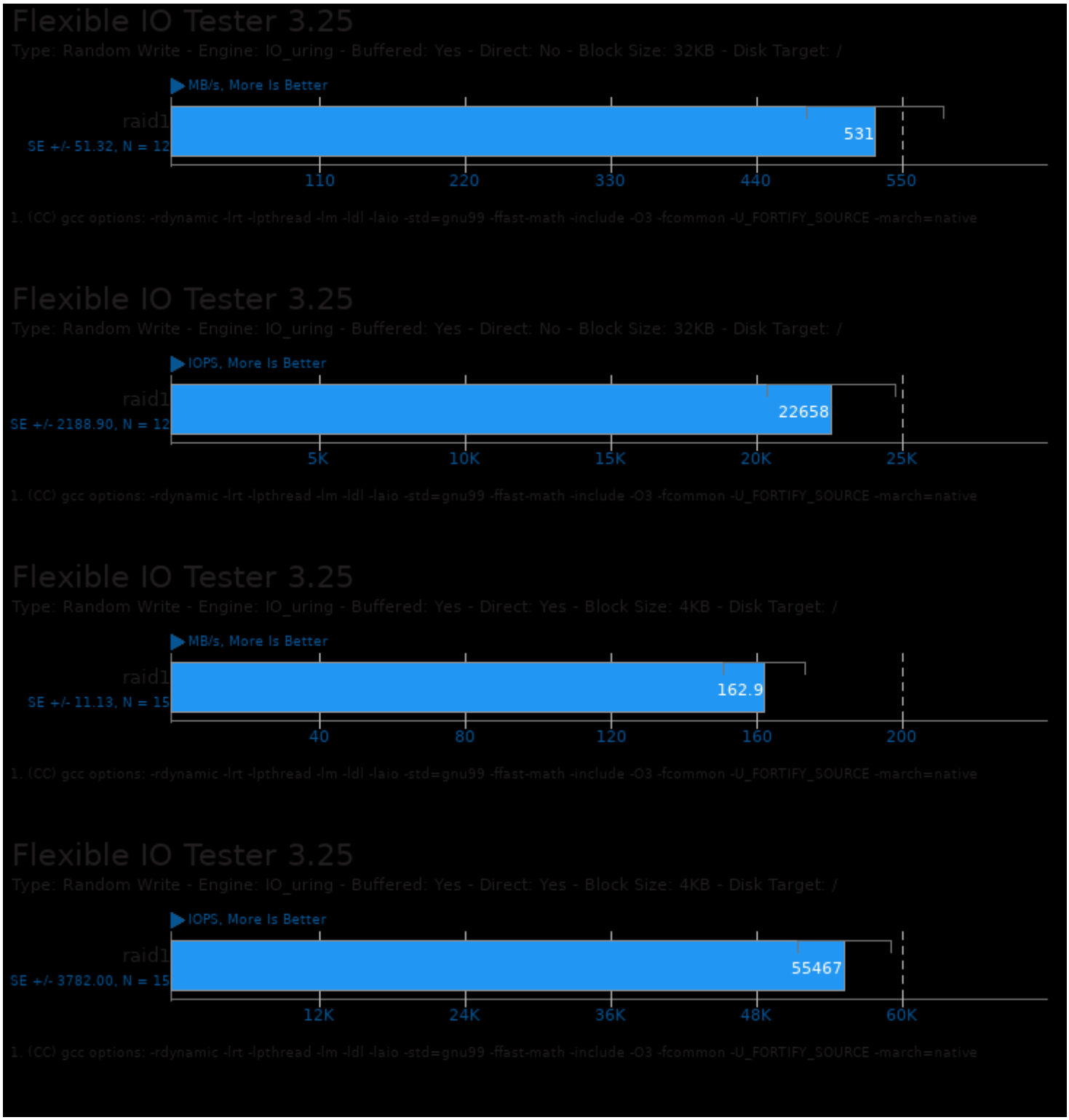
raid1


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

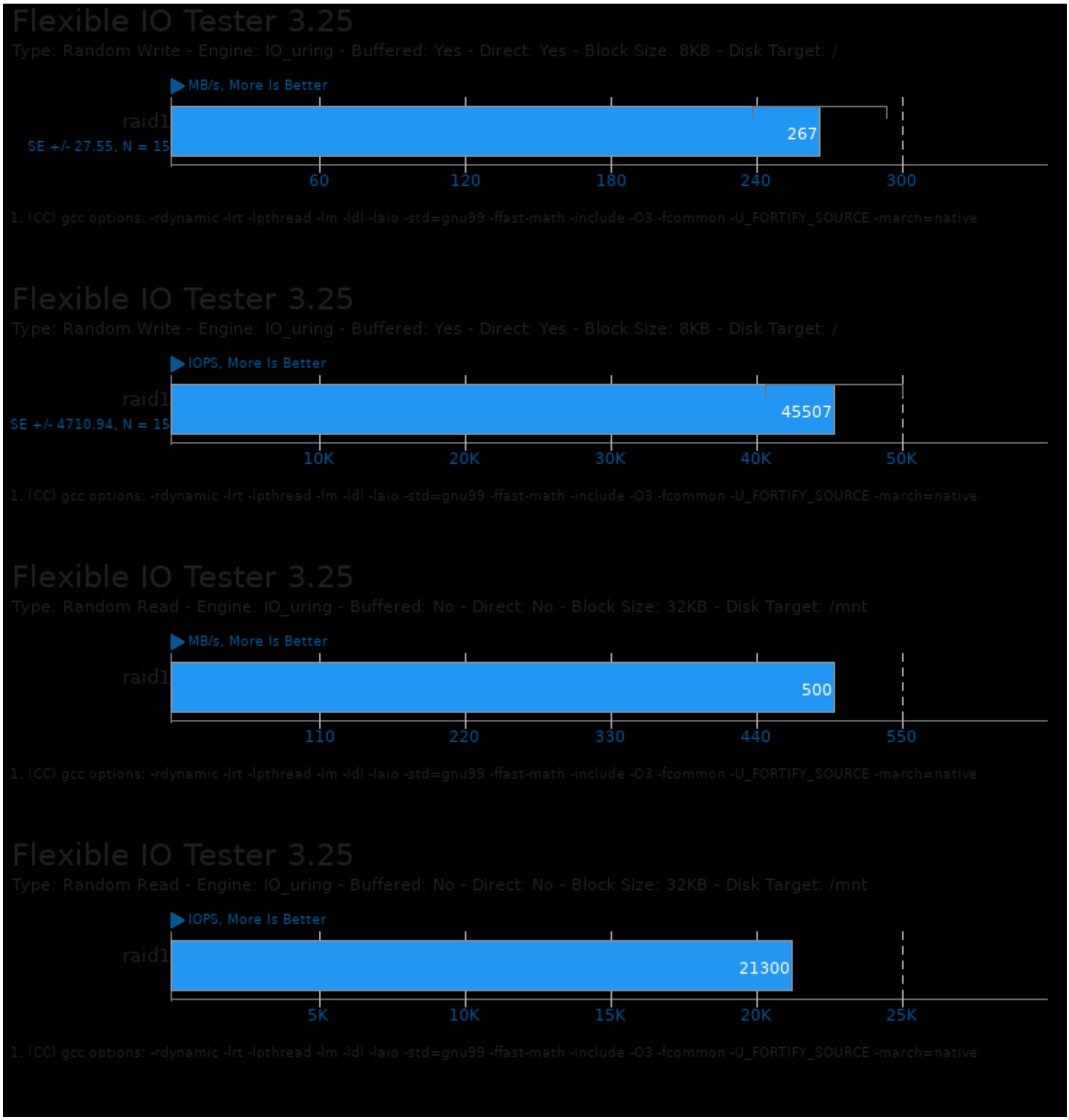
raid1


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 104.84, N = 15
1183
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4474.34, N = 15
50487
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

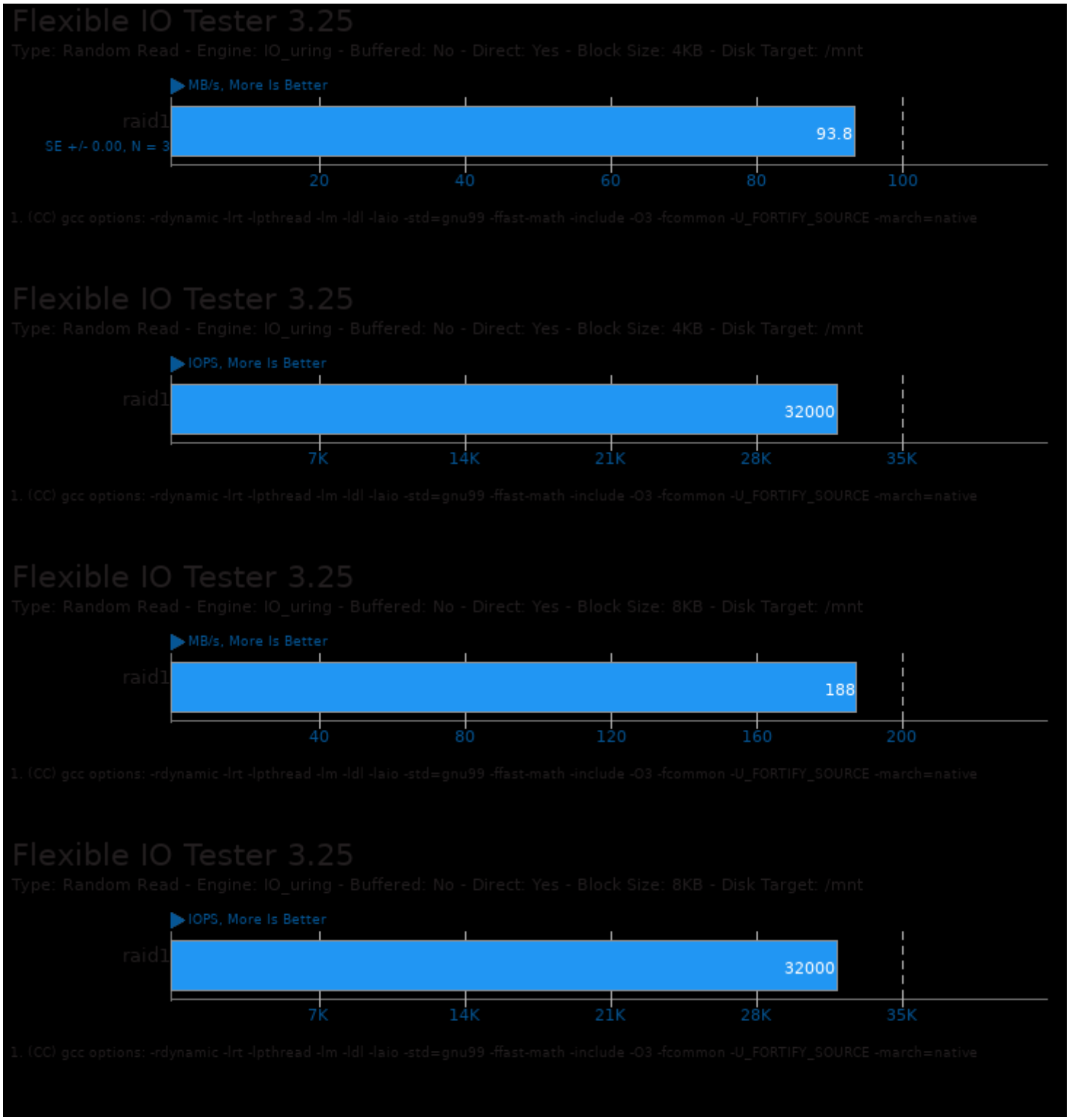
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 51.32, N = 12
531
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2188.90, N = 12
22658
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 11.13, N = 15
162.9
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3782.00, N = 15
55467
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

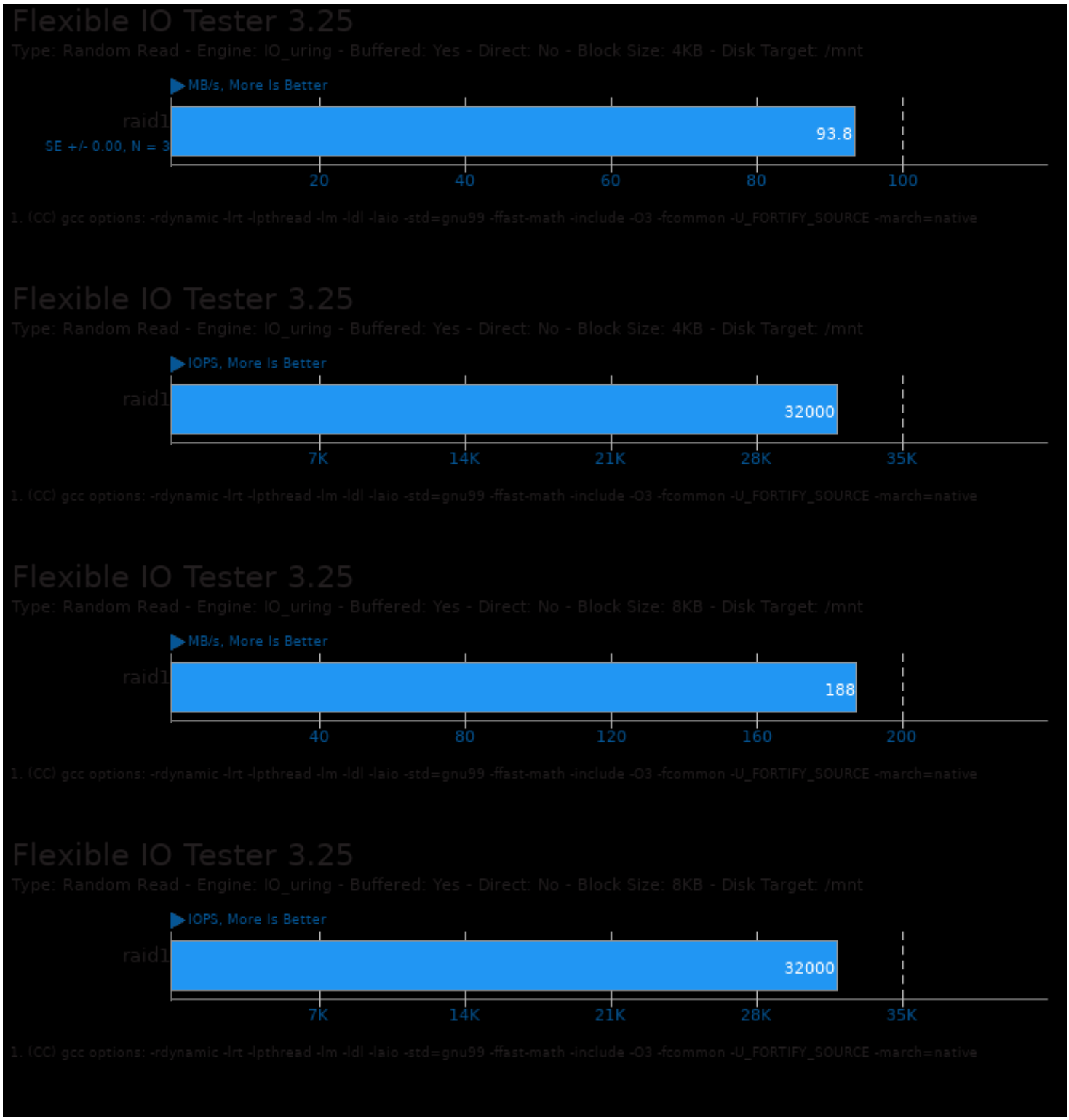
raid1

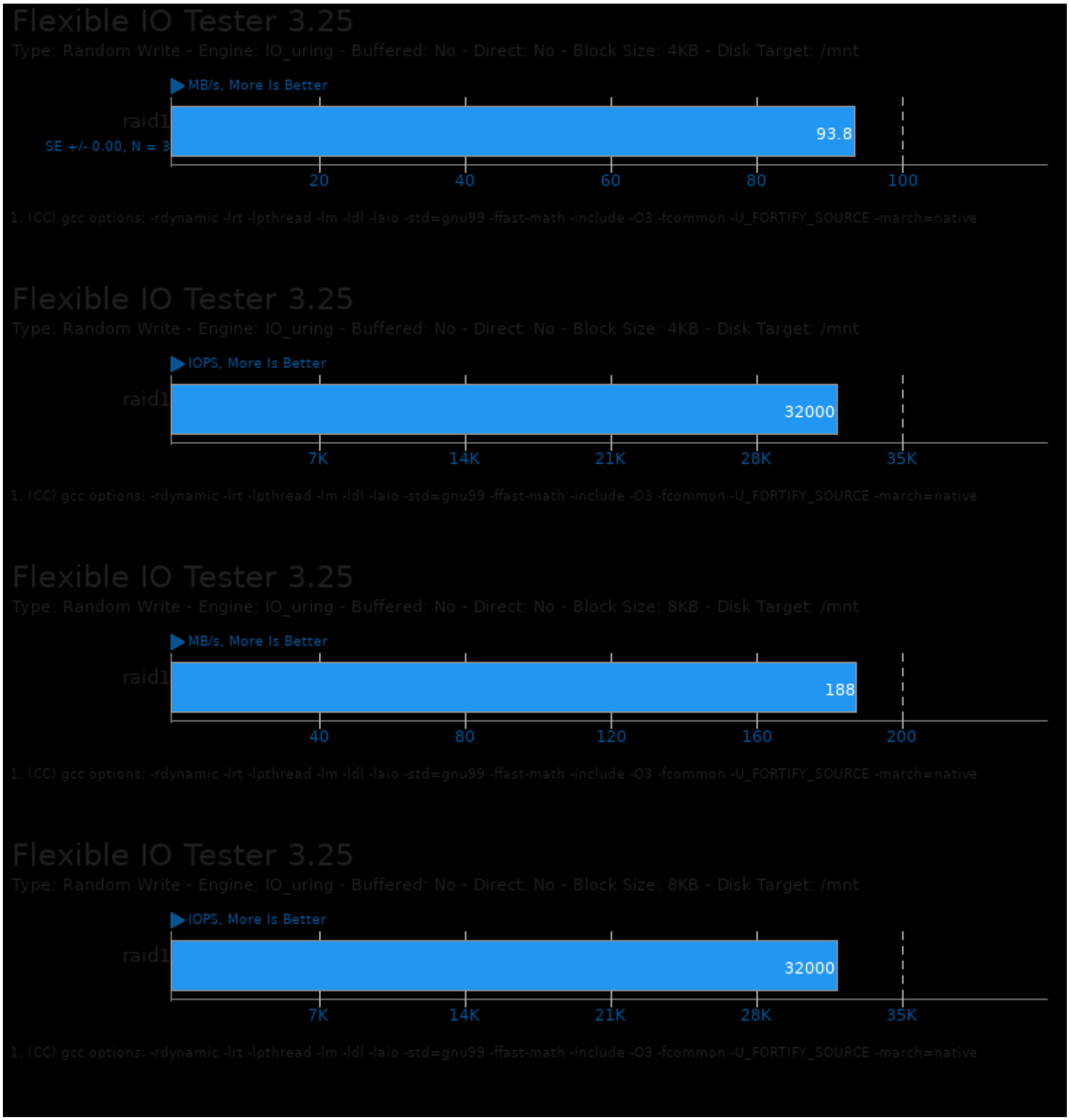

Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
267
SE +/- 27.55, N = 15
60
120
180
240
300
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
45507
SE +/- 4710.94, N = 15
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
500
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
21300
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

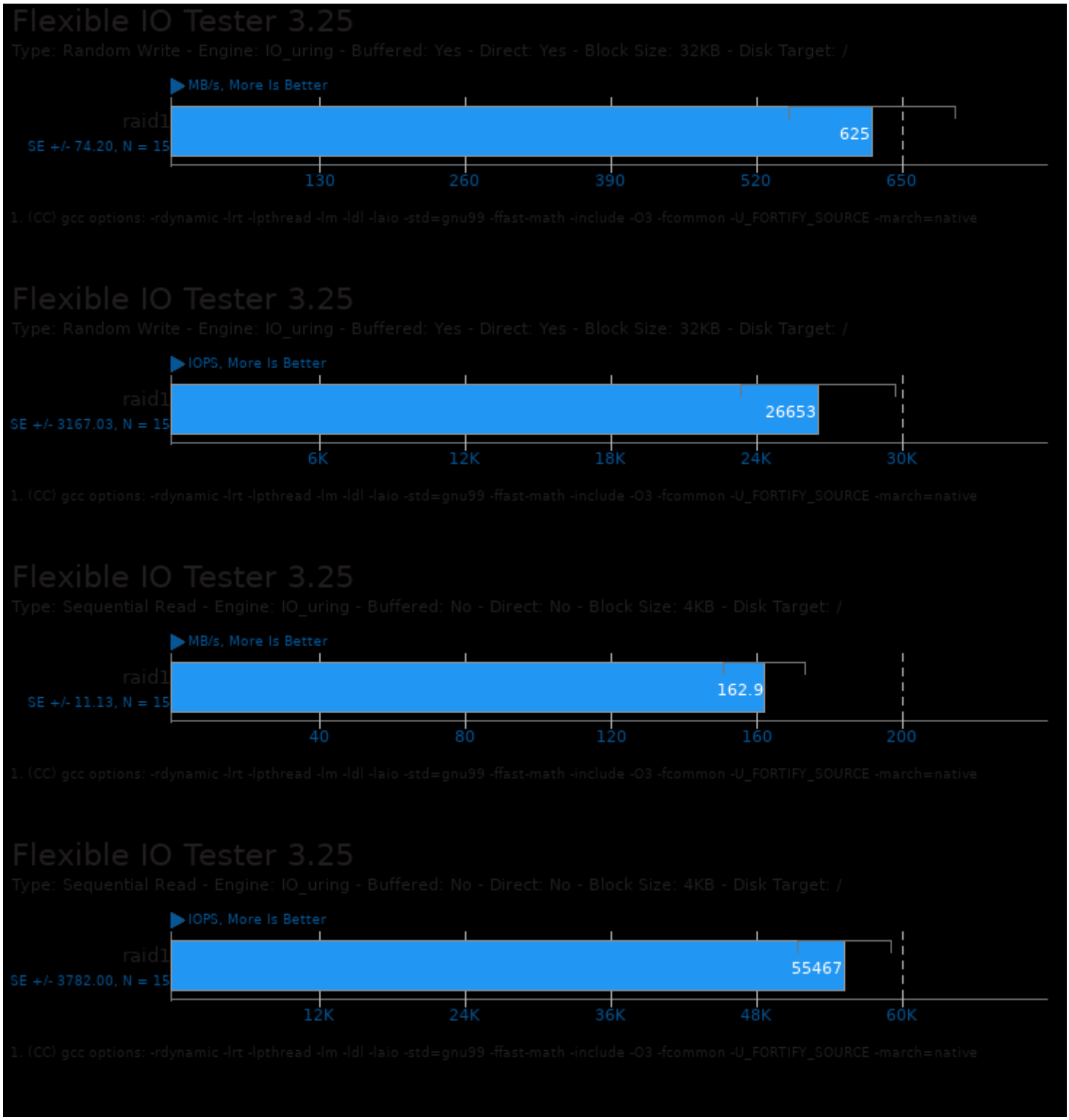

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

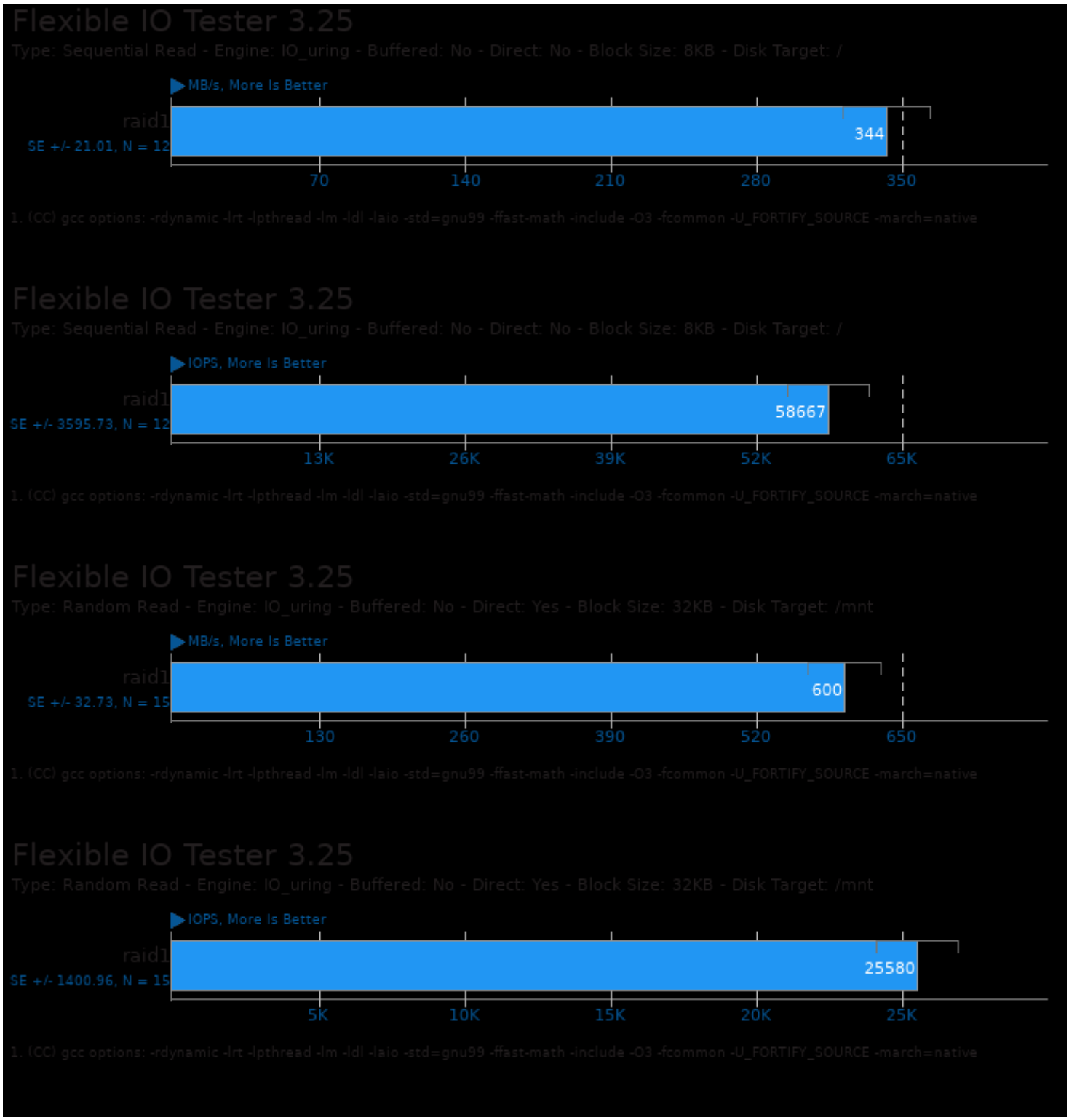

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

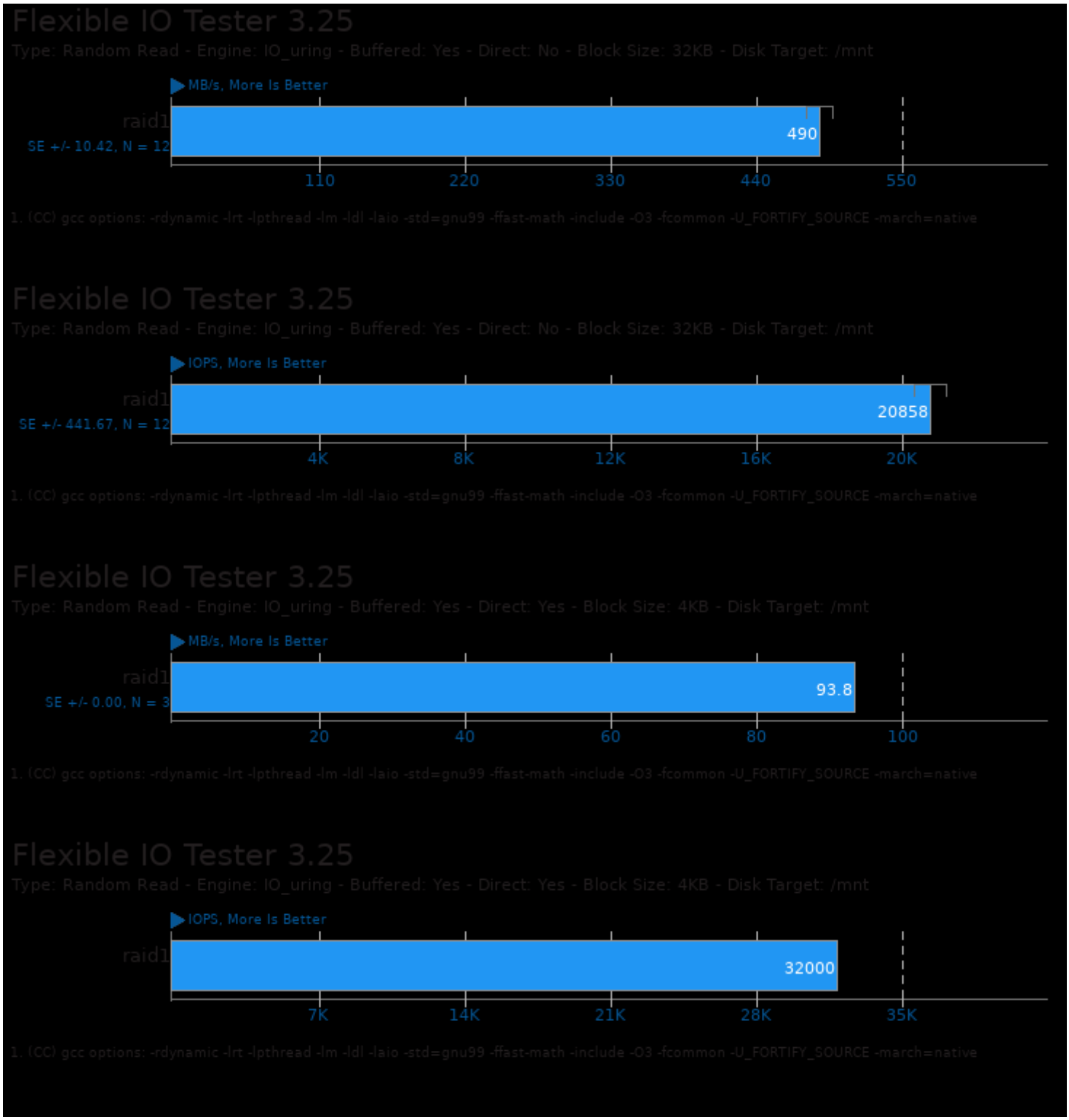
raid1

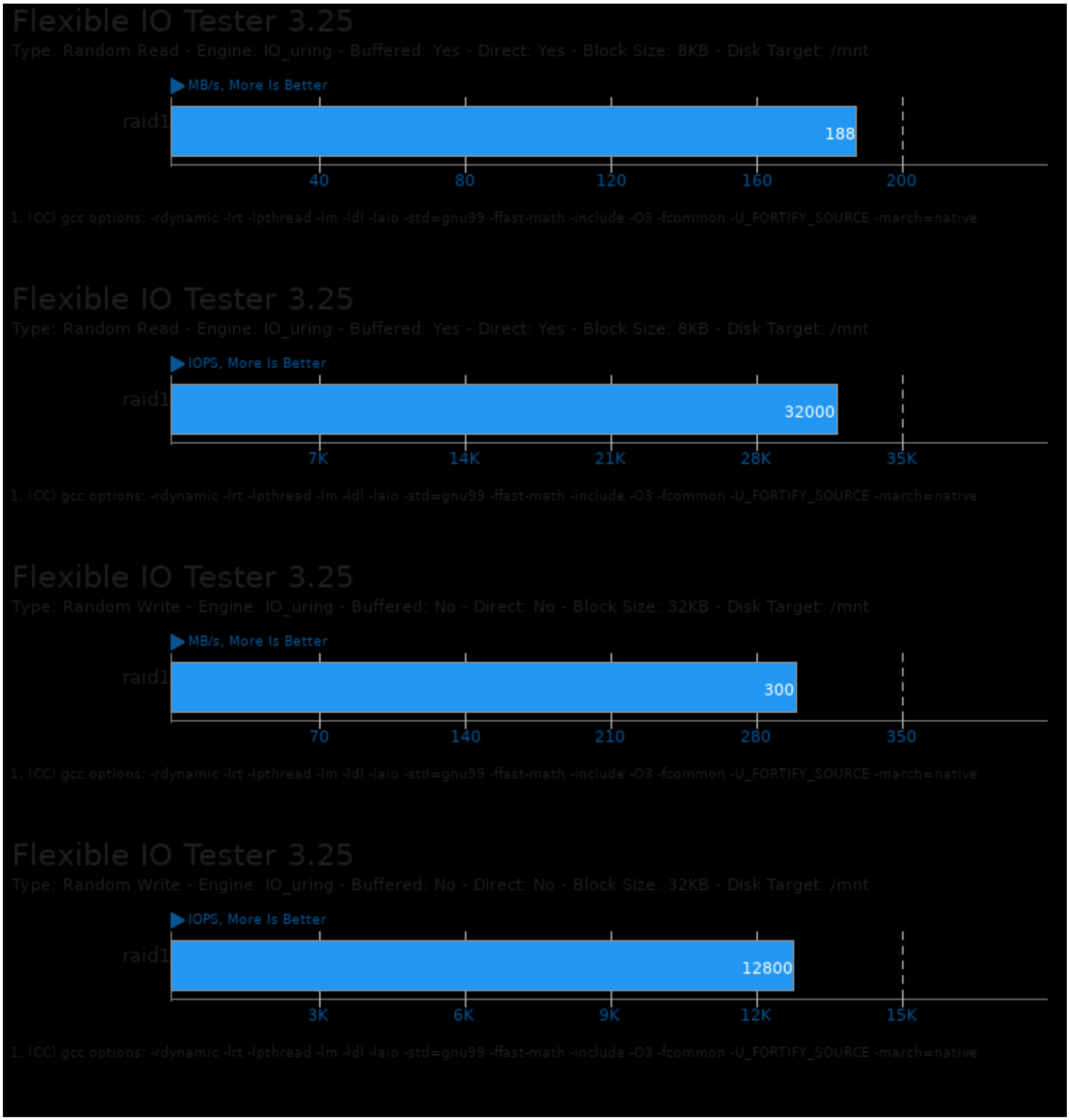

Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 74.20, N = 15
625
130
260
390
520
650
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3167.03, N = 15
26653
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 11.13, N = 15
162.9
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3782.00, N = 15
55467
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

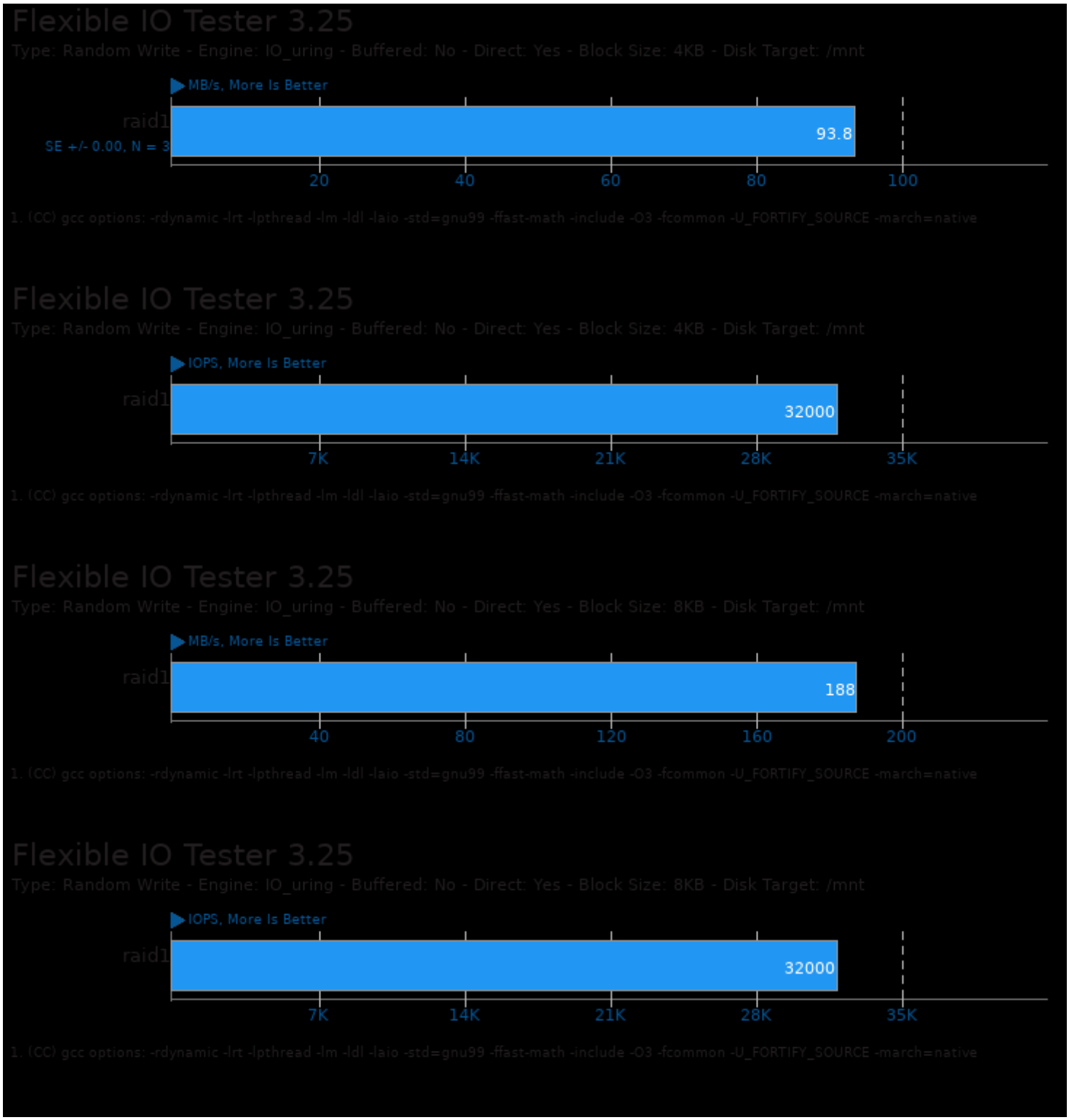

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 21.01, N = 12
344
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3595.73, N = 12
58667
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 32.73, N = 15
600
130
260
390
520
650
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 1400.96, N = 15
25580
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

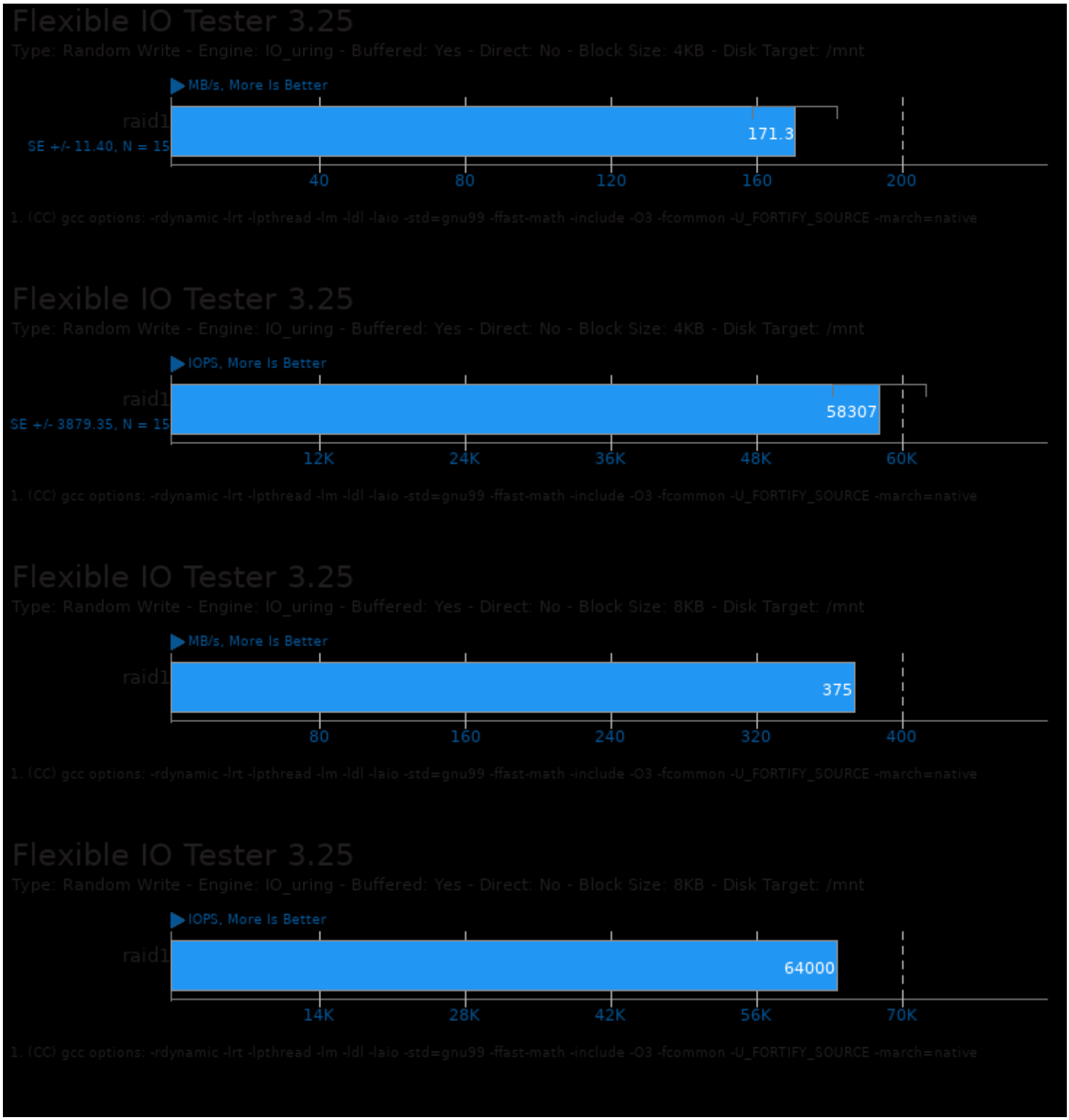

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 10.42, N = 12
490
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 441.67, N = 12
20858
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
300
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
12800
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

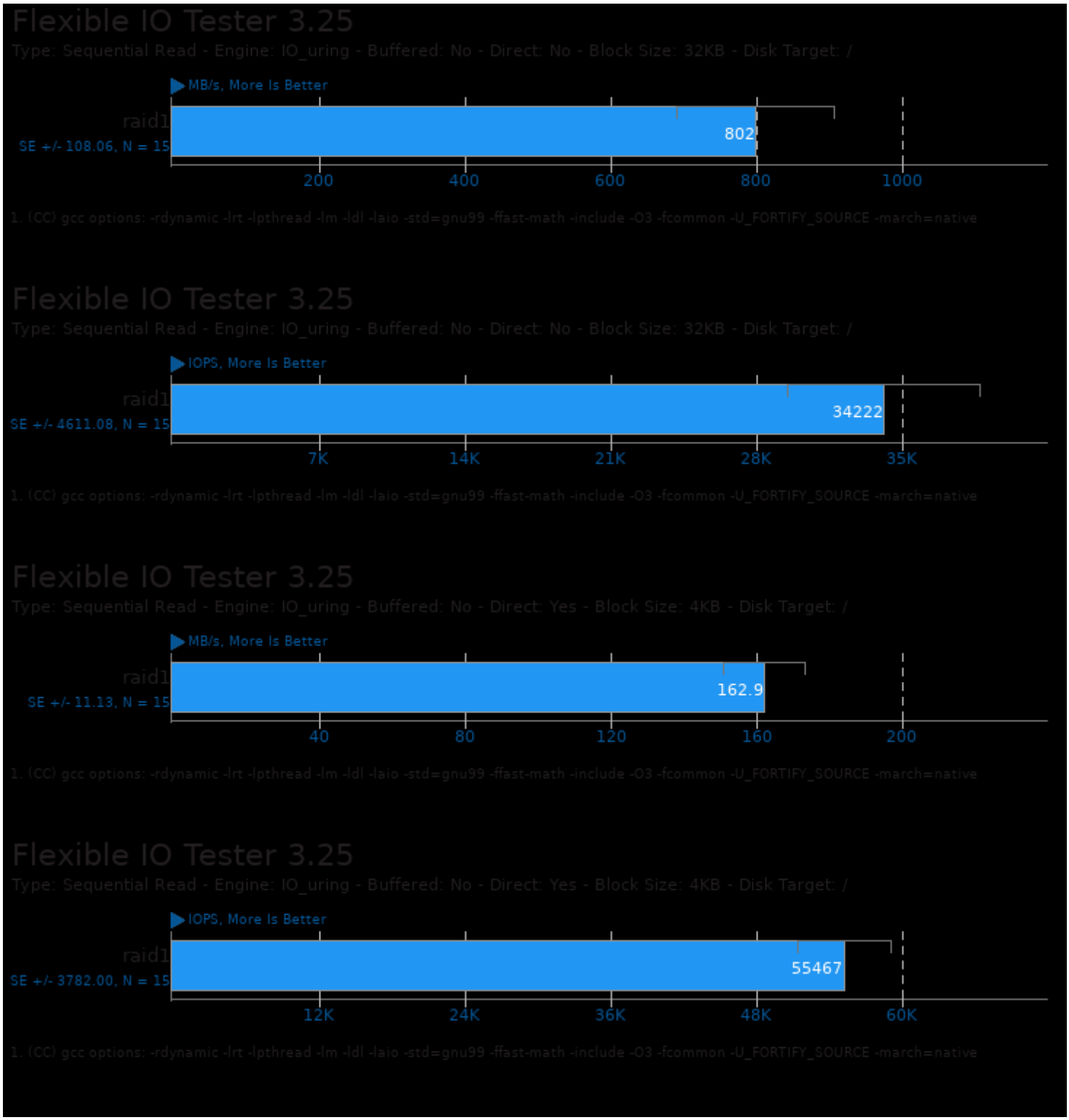
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

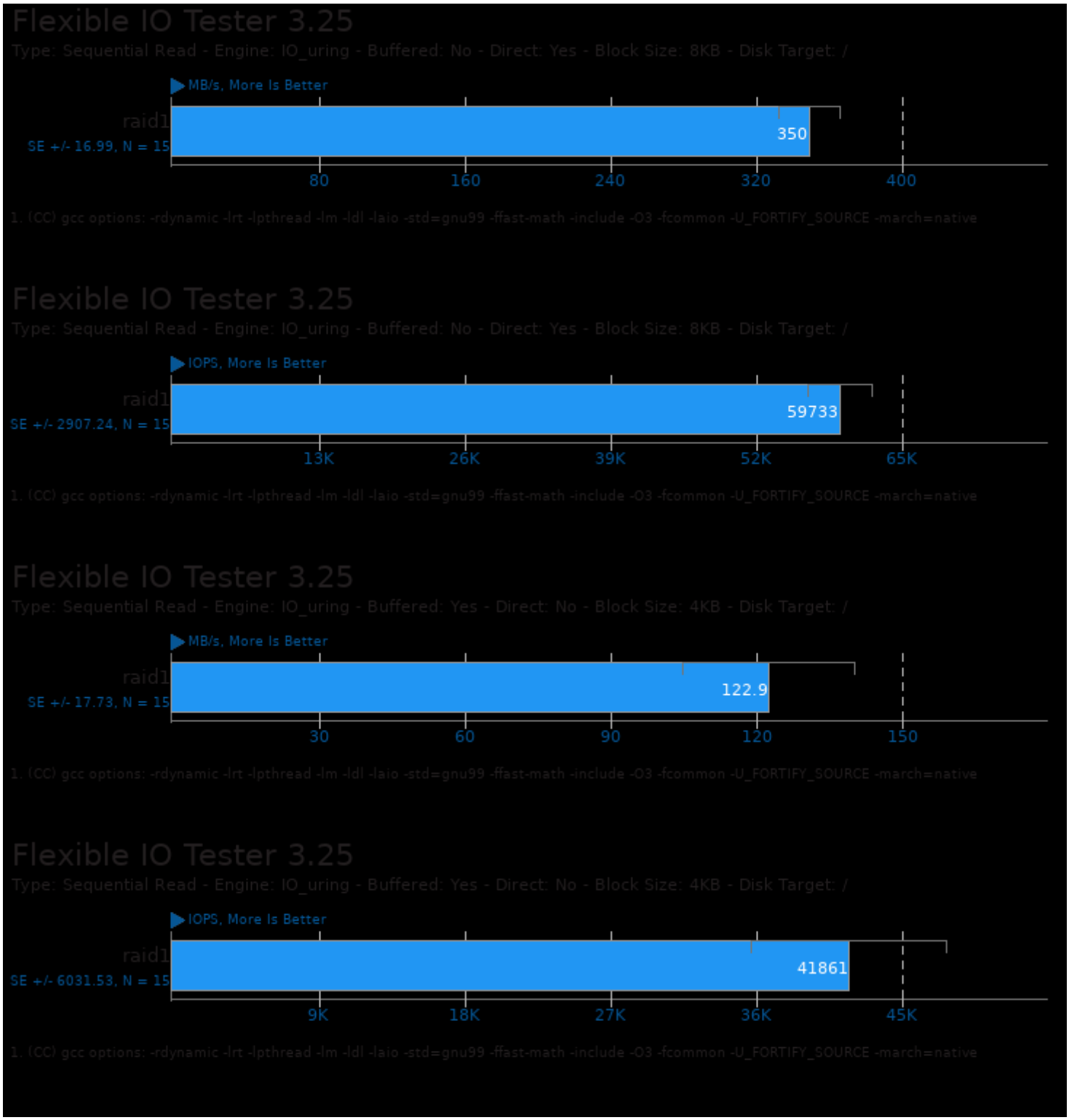
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
171.3
SE +/- 11.40, N = 15
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
58307
SE +/- 3879.35, N = 15
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

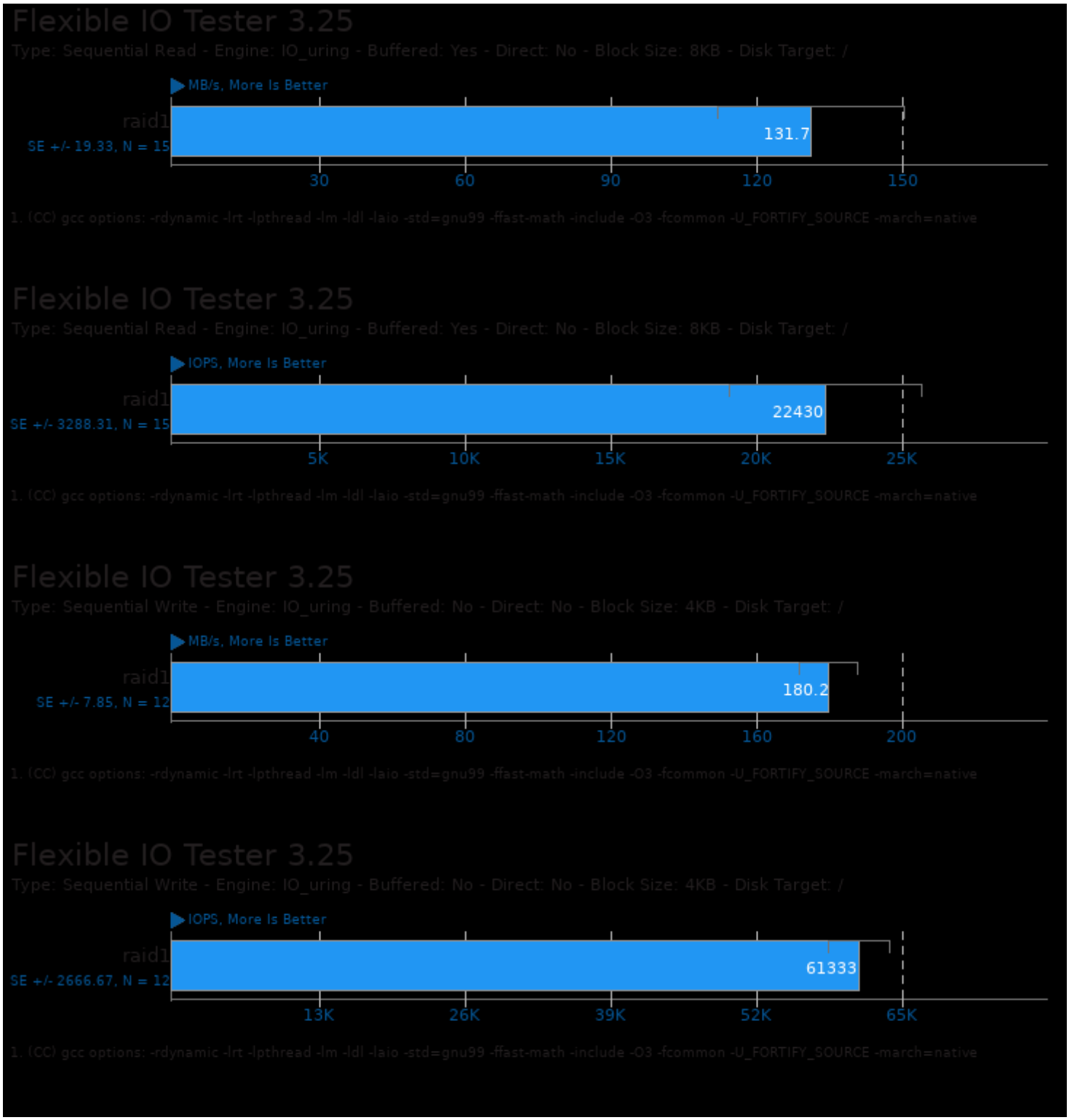
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 108.06, N = 15
802
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4611.08, N = 15
34222
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 11.13, N = 15
162.9
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3782.00, N = 15
55467
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

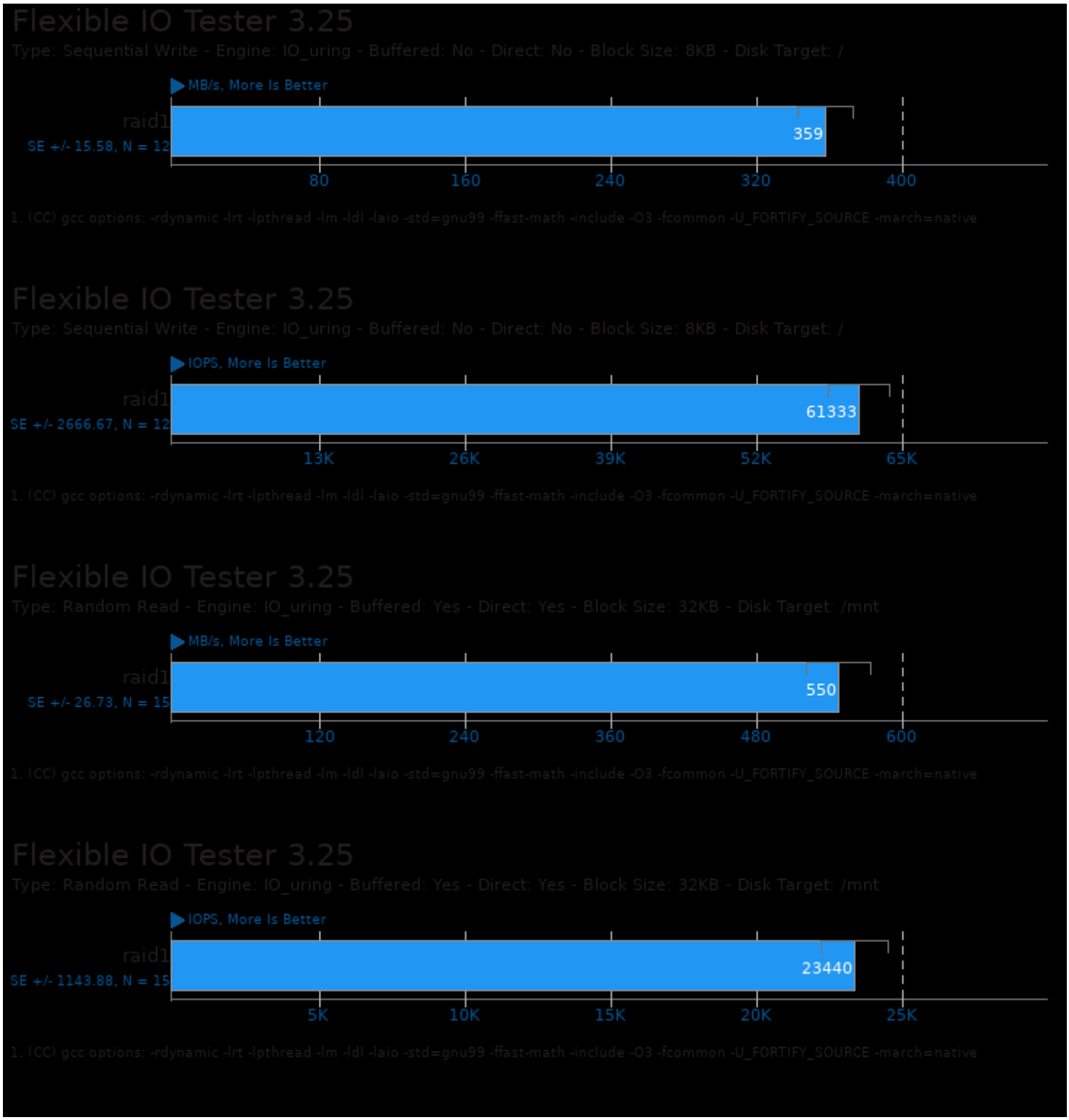
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 16.99, N = 15
350
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2907.24, N = 15
59733
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 17.73, N = 15
122.9
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 6031.53, N = 15
41861
9K
18K
27K
36K
45K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

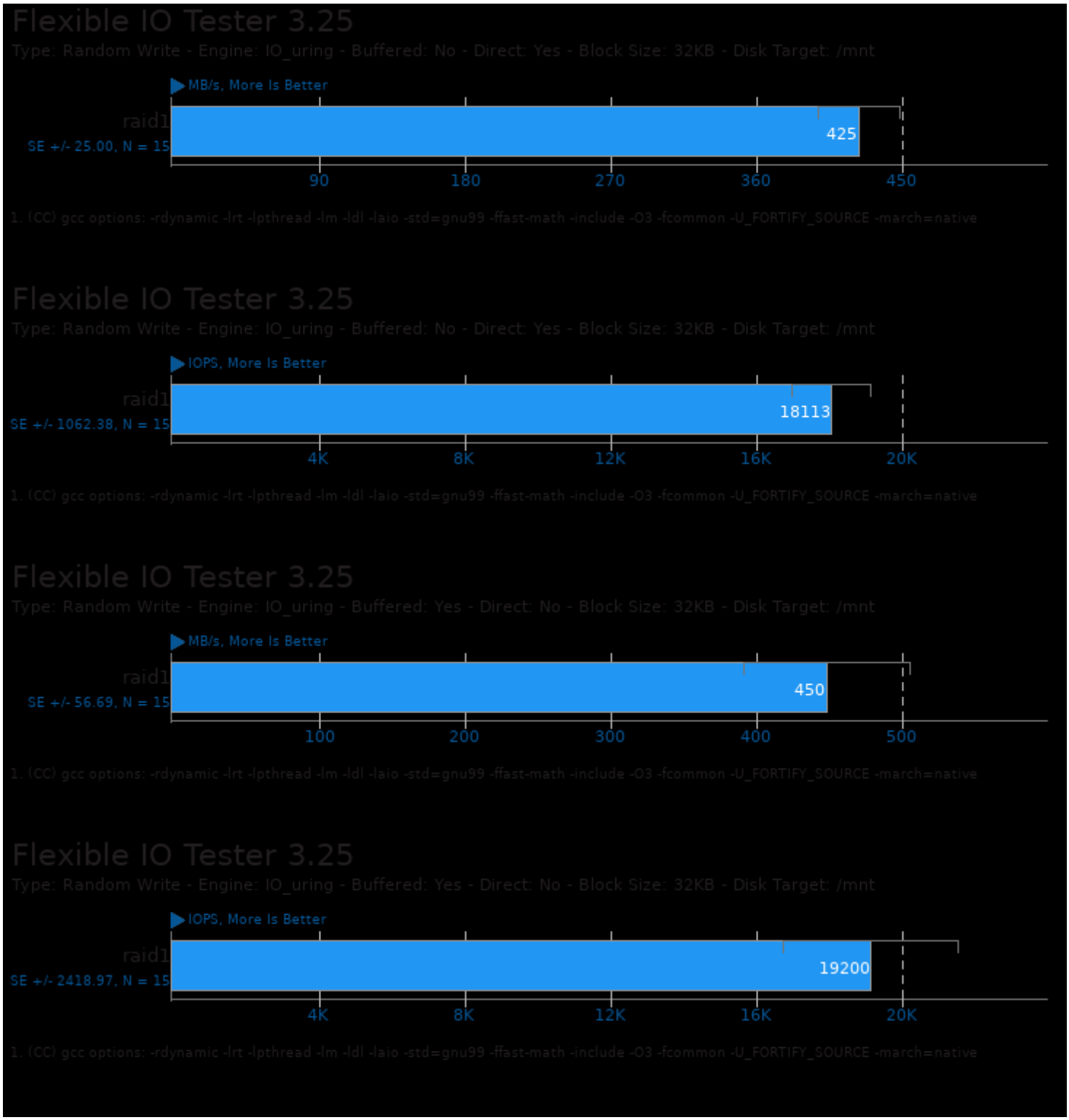
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 19.33, N = 15
131.7
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3288.31, N = 15
22430
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 7.85, N = 12
180.2
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

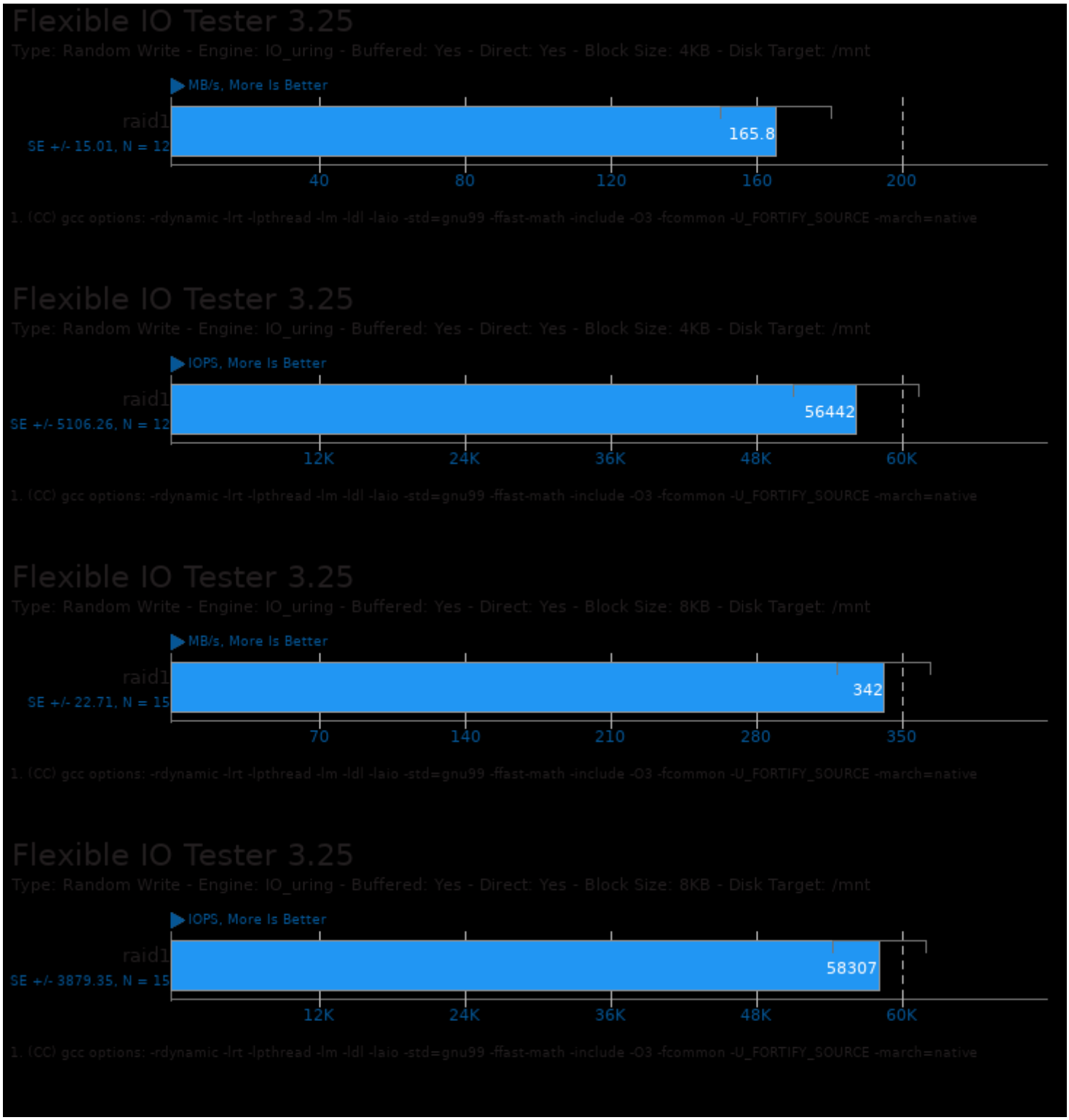
raid1


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 15.58, N = 12
359
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 26.73, N = 15
550
120
240
360
480
600
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 1143.88, N = 15
23440
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

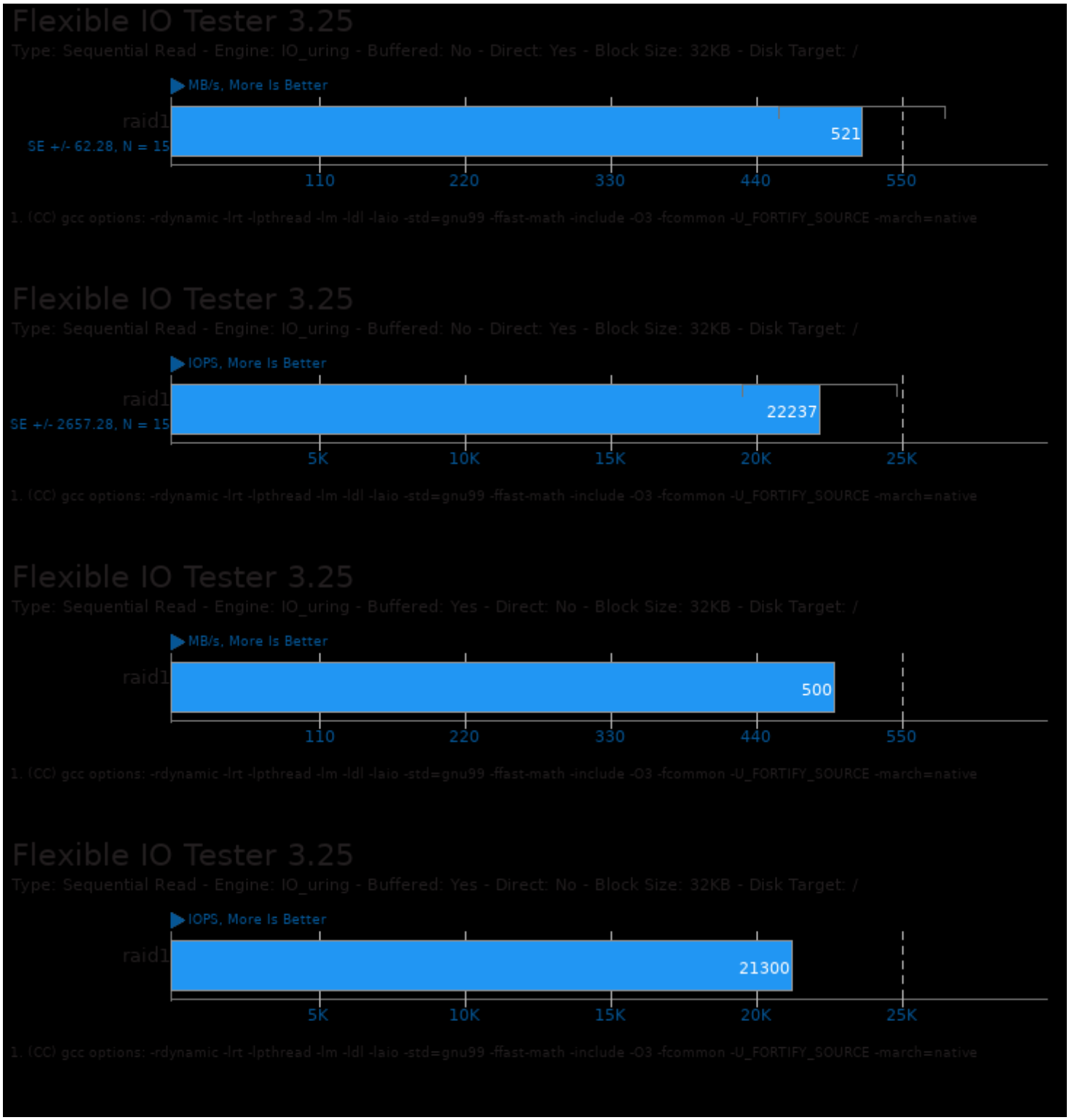
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 25.00, N = 15
425
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 1062.38, N = 15
18113
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 56.69, N = 15
450
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 2418.97, N = 15
19200
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

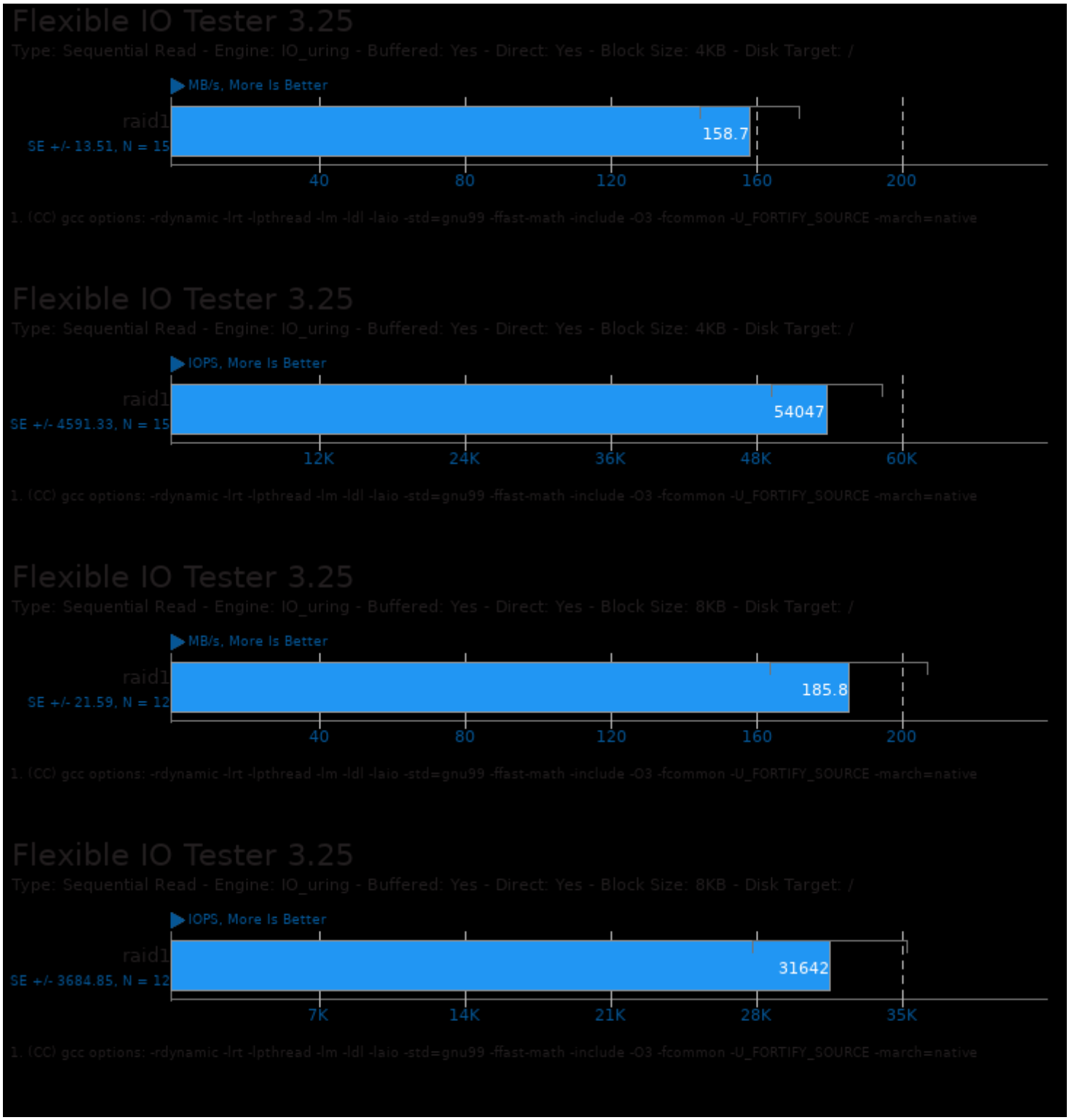
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 15.01, N = 12
165.8
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 5106.26, N = 12
56442
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 22.71, N = 15
342
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 3879.35, N = 15
58307
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

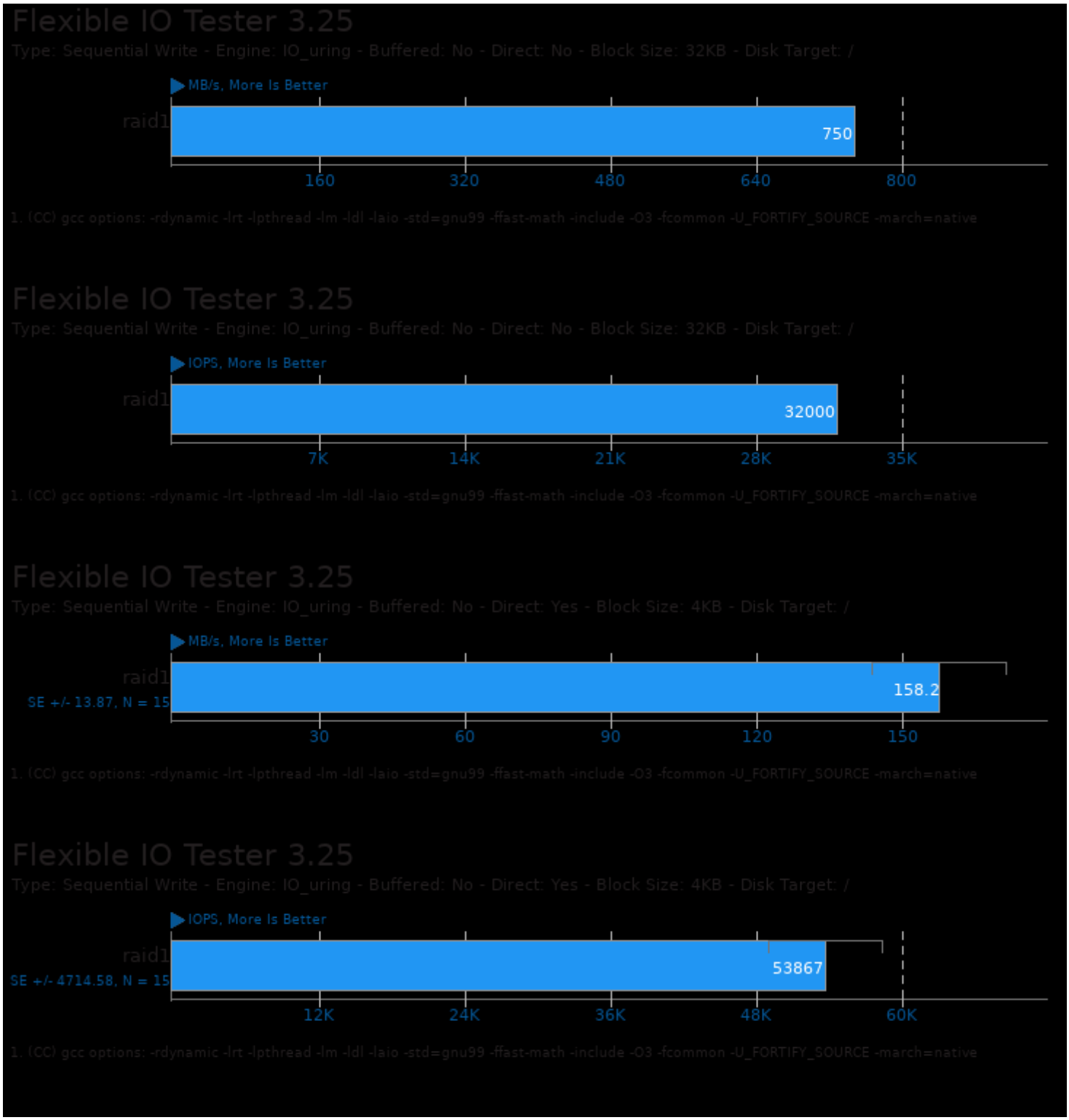
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 62.28, N = 15
521
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 2657.28, N = 15
22237
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
500
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
21300
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

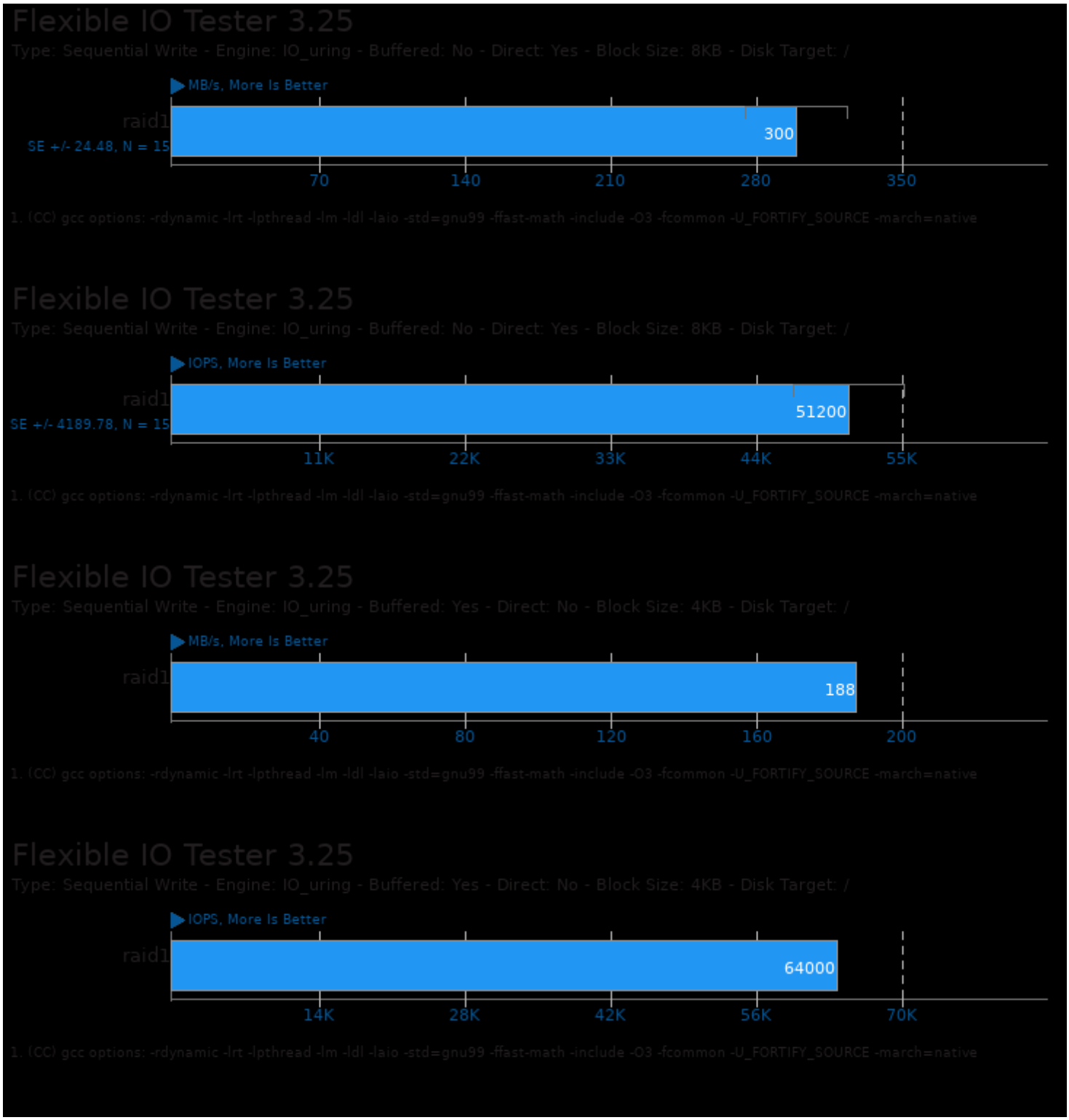
raid1

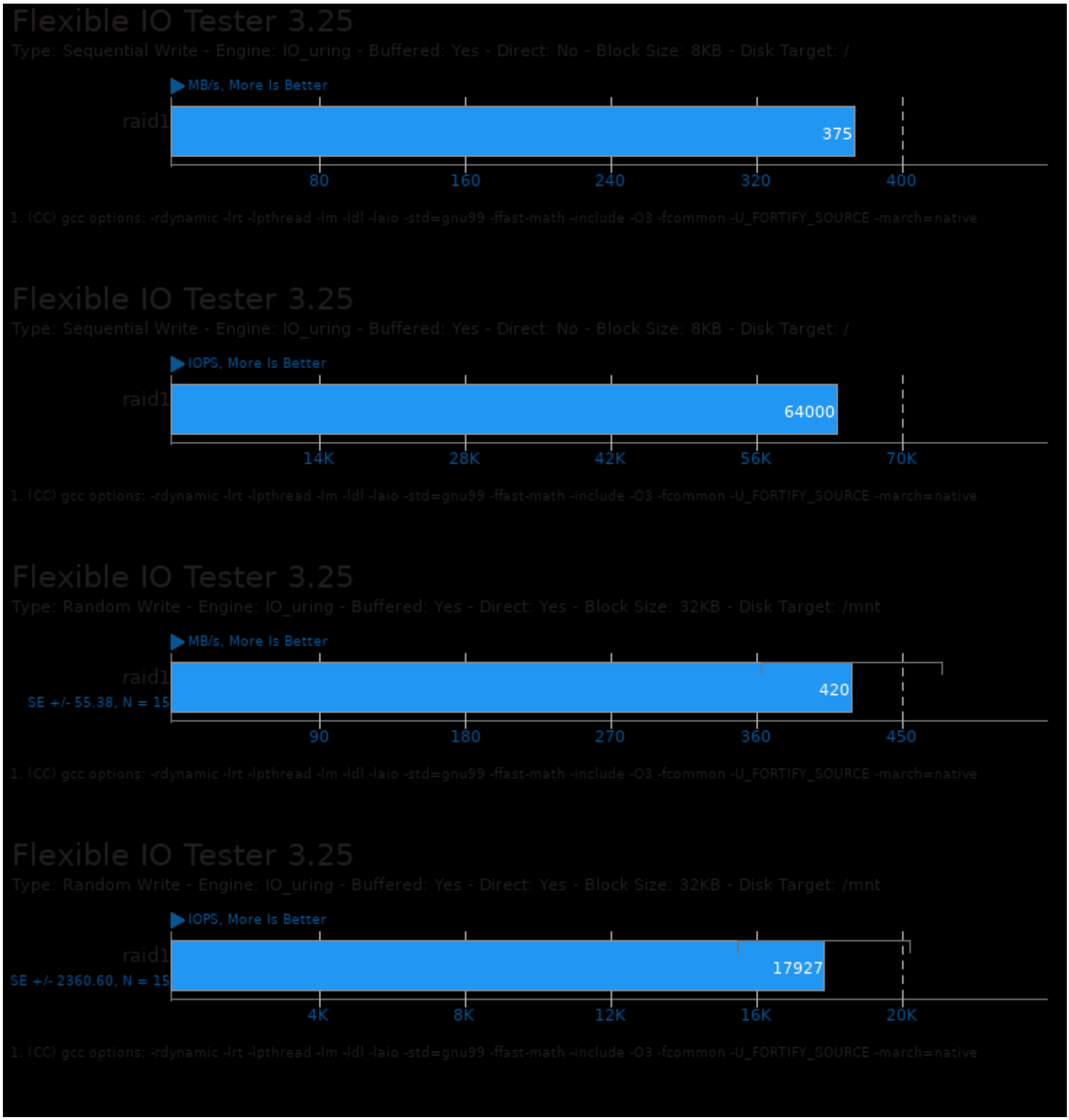

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 13.51, N = 15
158.7
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4591.33, N = 15
54047
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 21.59, N = 12
185.8
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 3684.85, N = 12
31642
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

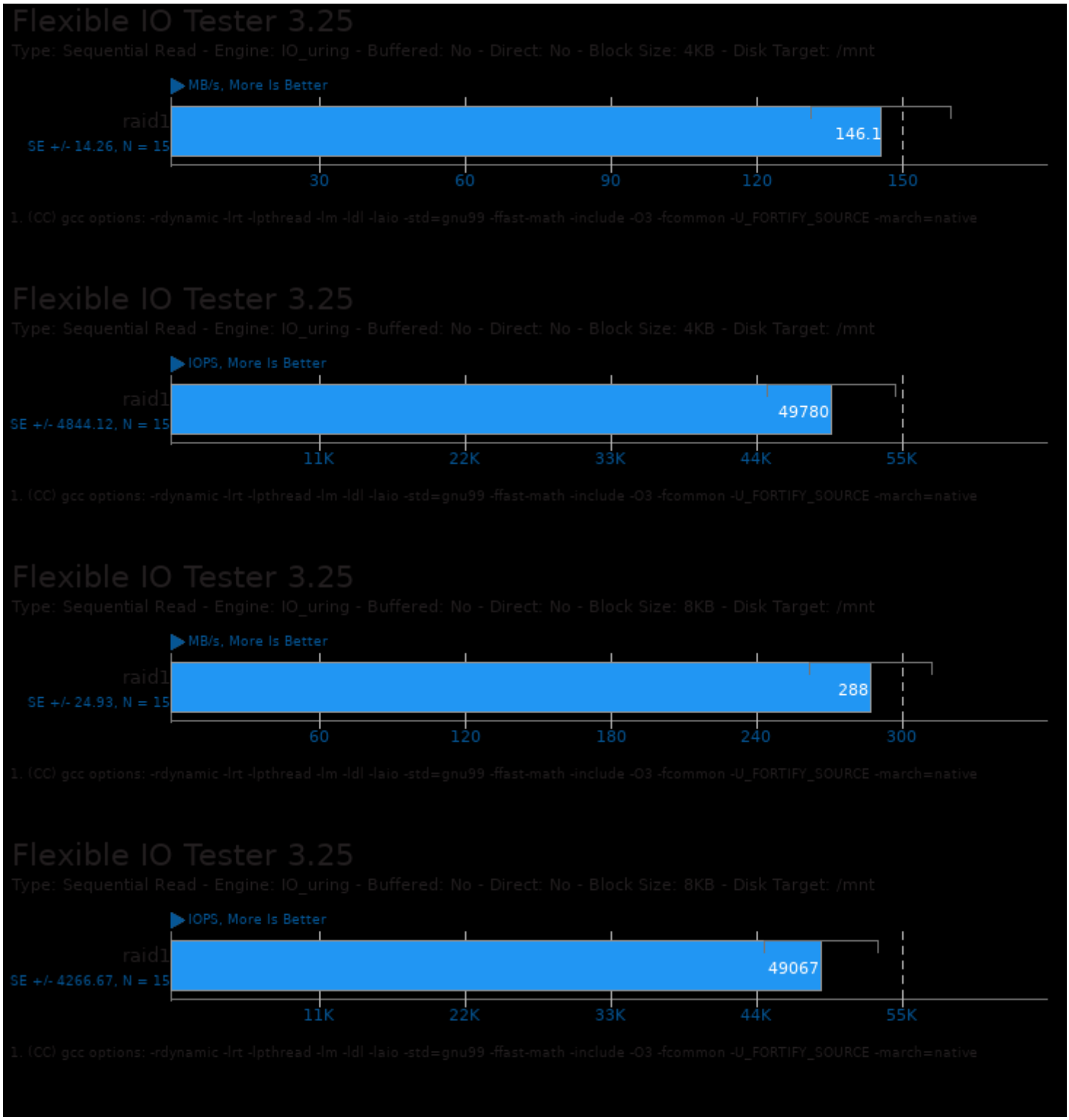

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 13.87, N = 15
158.2
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4714.58, N = 15
53867
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

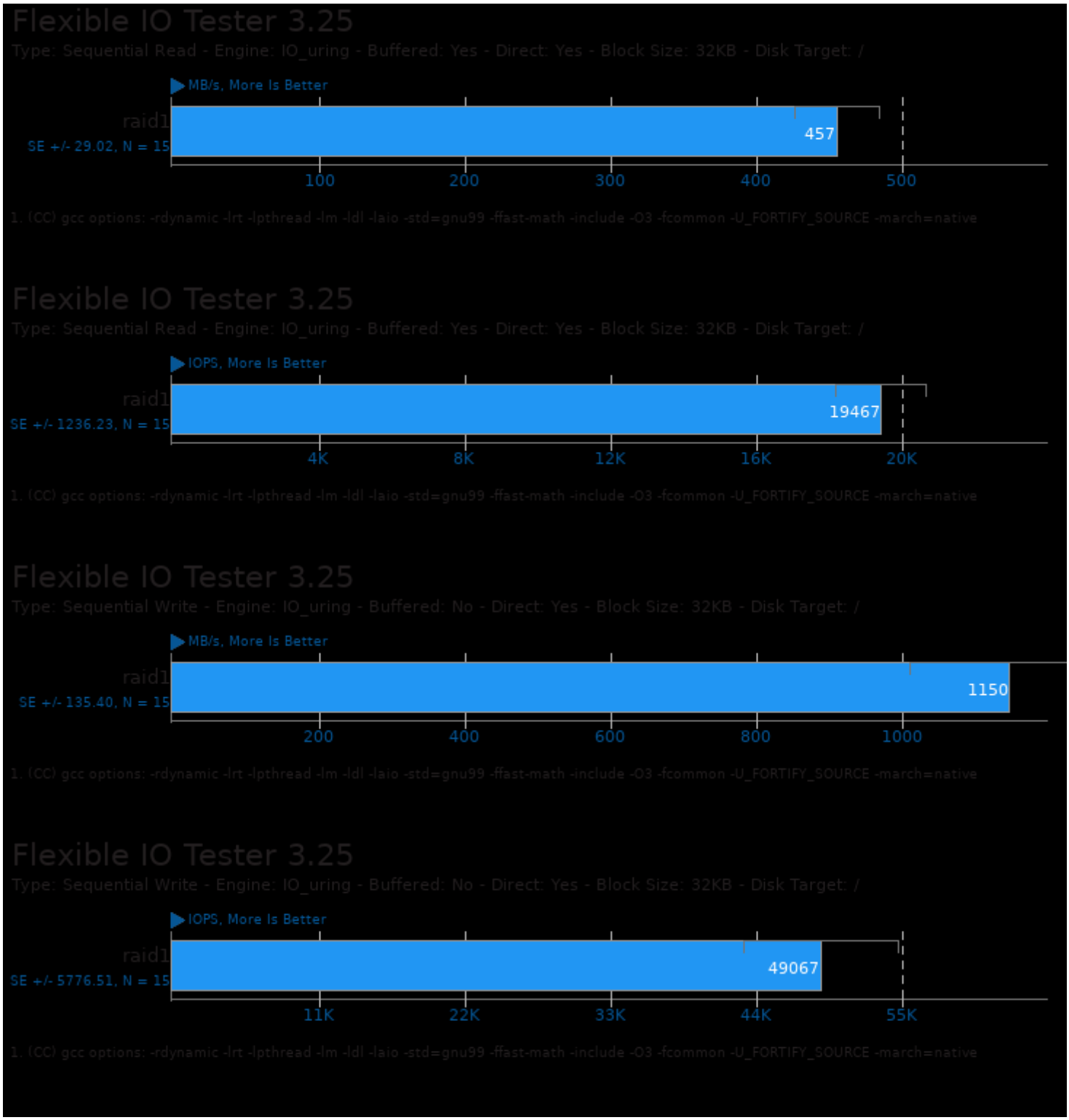

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 24.48, N = 15
300
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4189.78, N = 15
51200
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 55.38, N = 15
420
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 2360.60, N = 15
17927
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

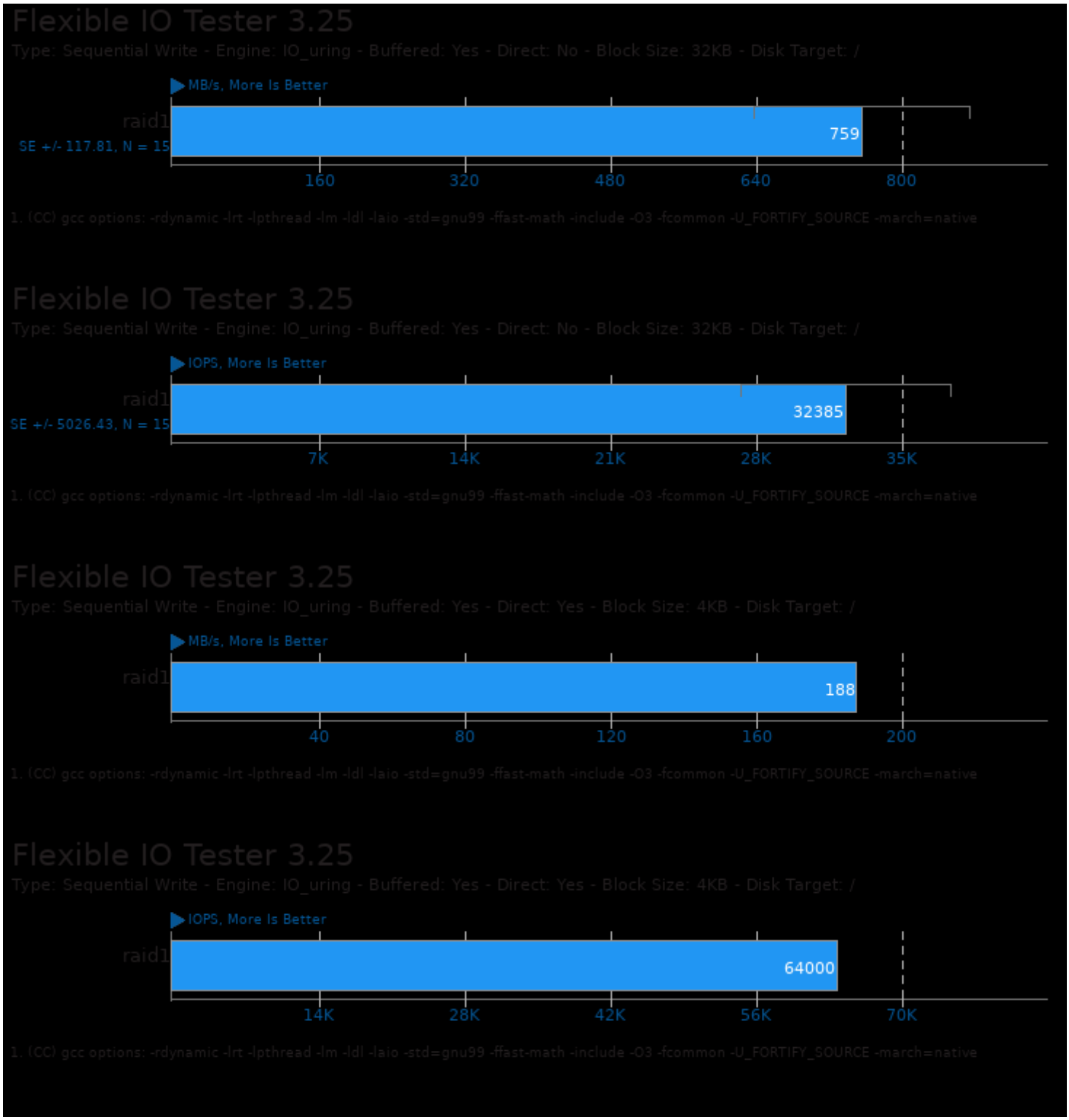
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 14.26, N = 15
146.1
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 4844.12, N = 15
49780
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 24.93, N = 15
288
60
120
180
240
300
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 4266.67, N = 15
49067
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

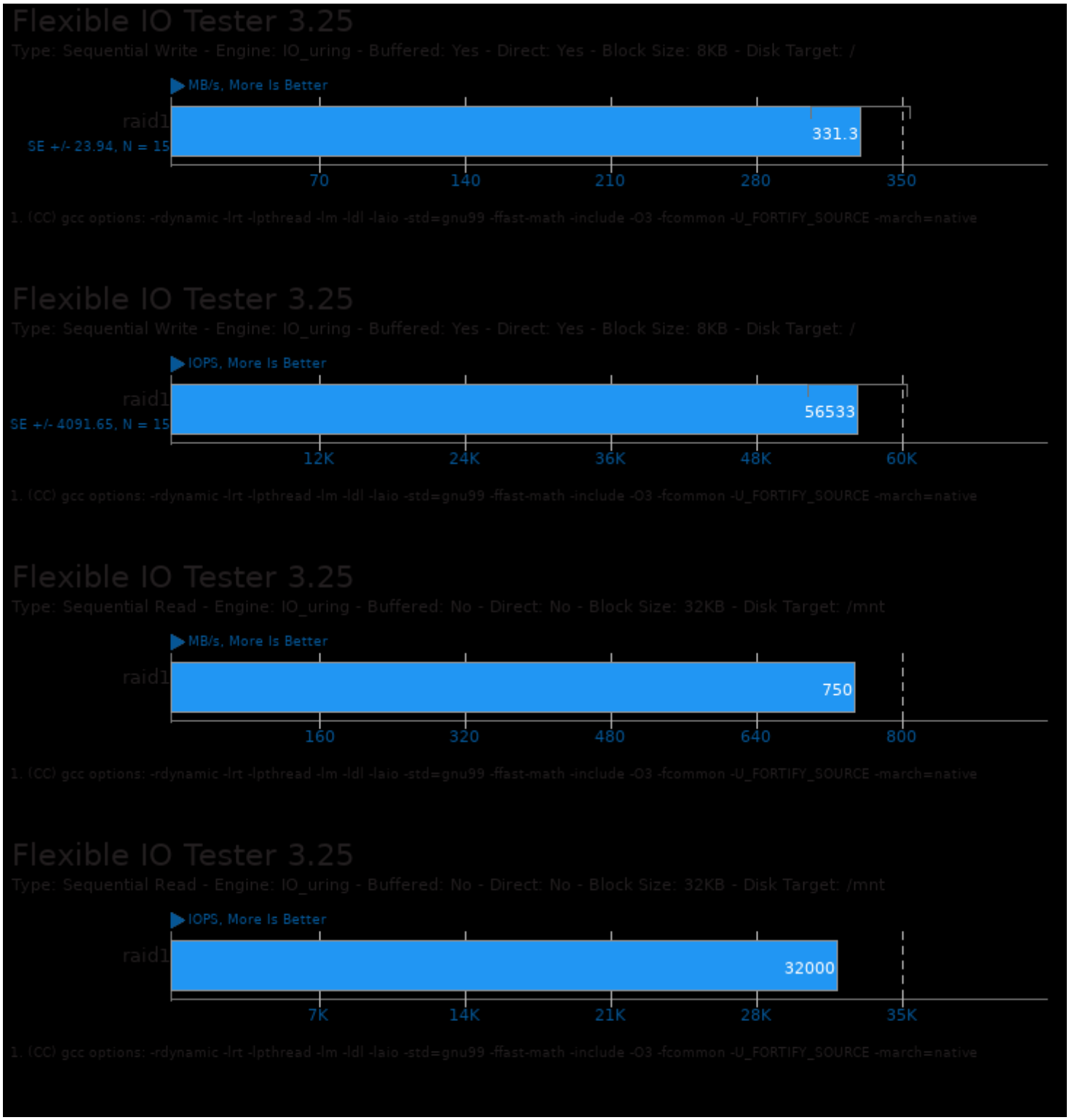
raid1

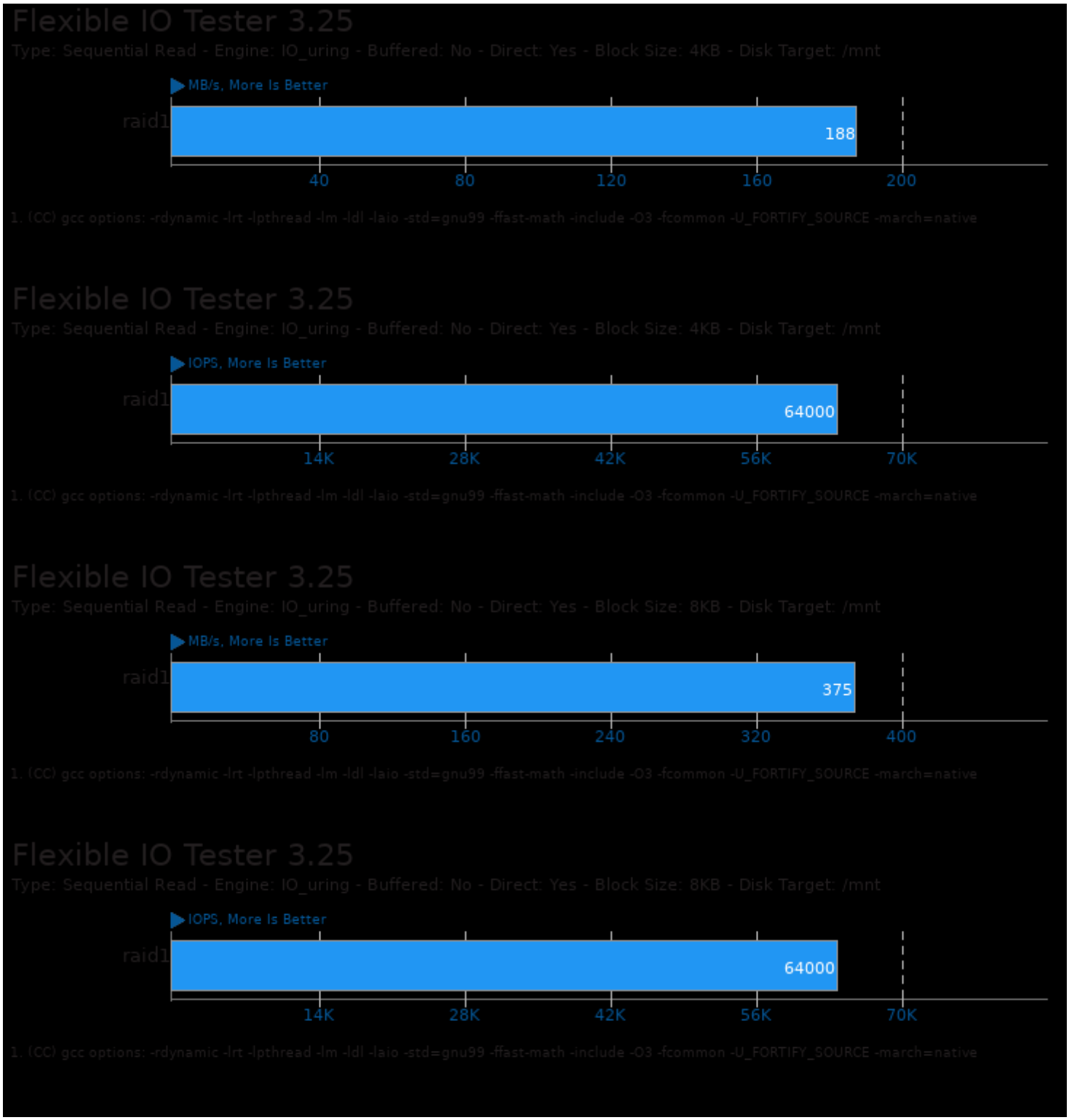

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 29.02, N = 15
457
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 1236.23, N = 15
19467
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 135.40, N = 15
1150
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 5776.51, N = 15
49067
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

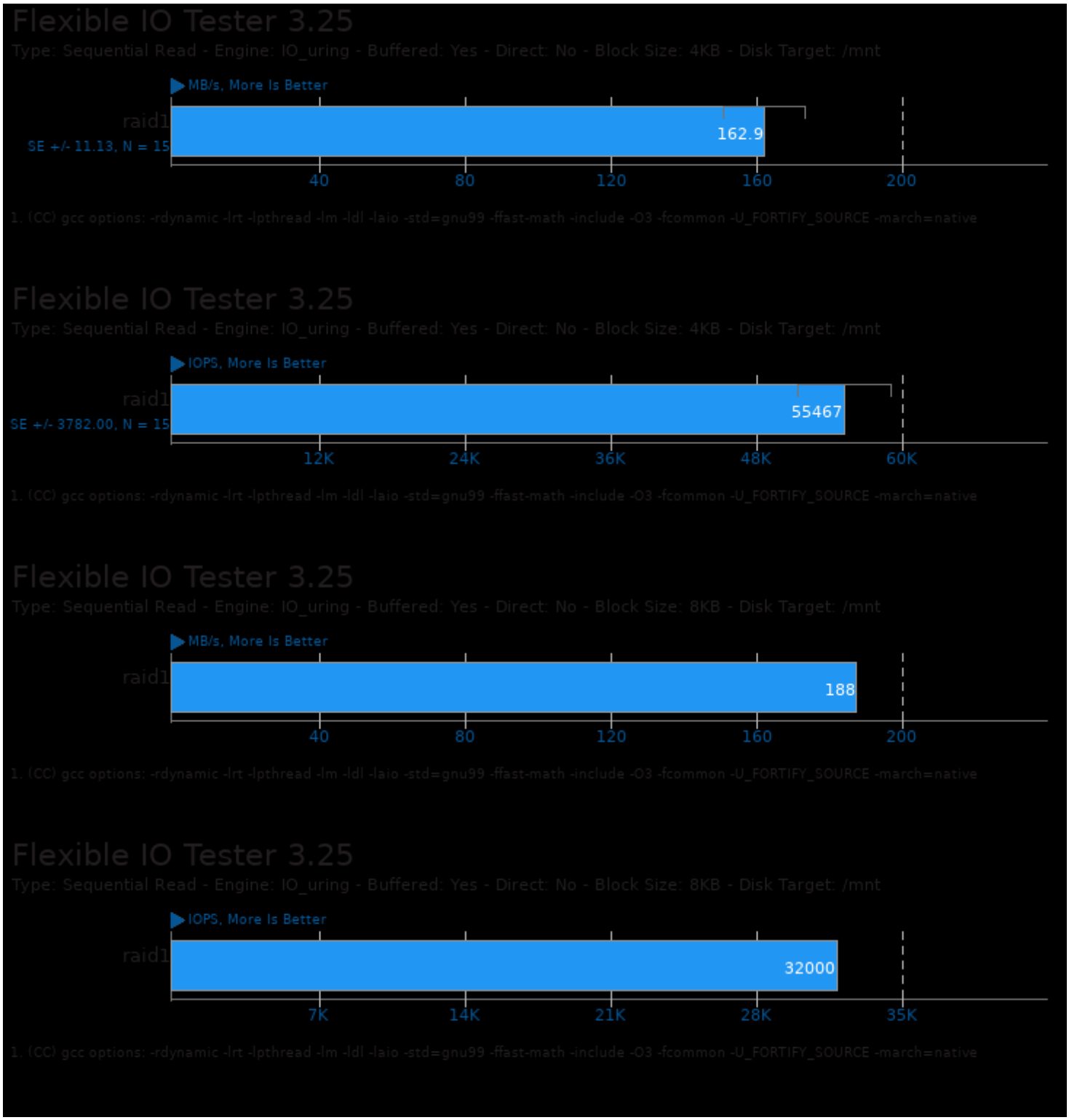

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 117.81, N = 15
759
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 5026.43, N = 15
32385
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

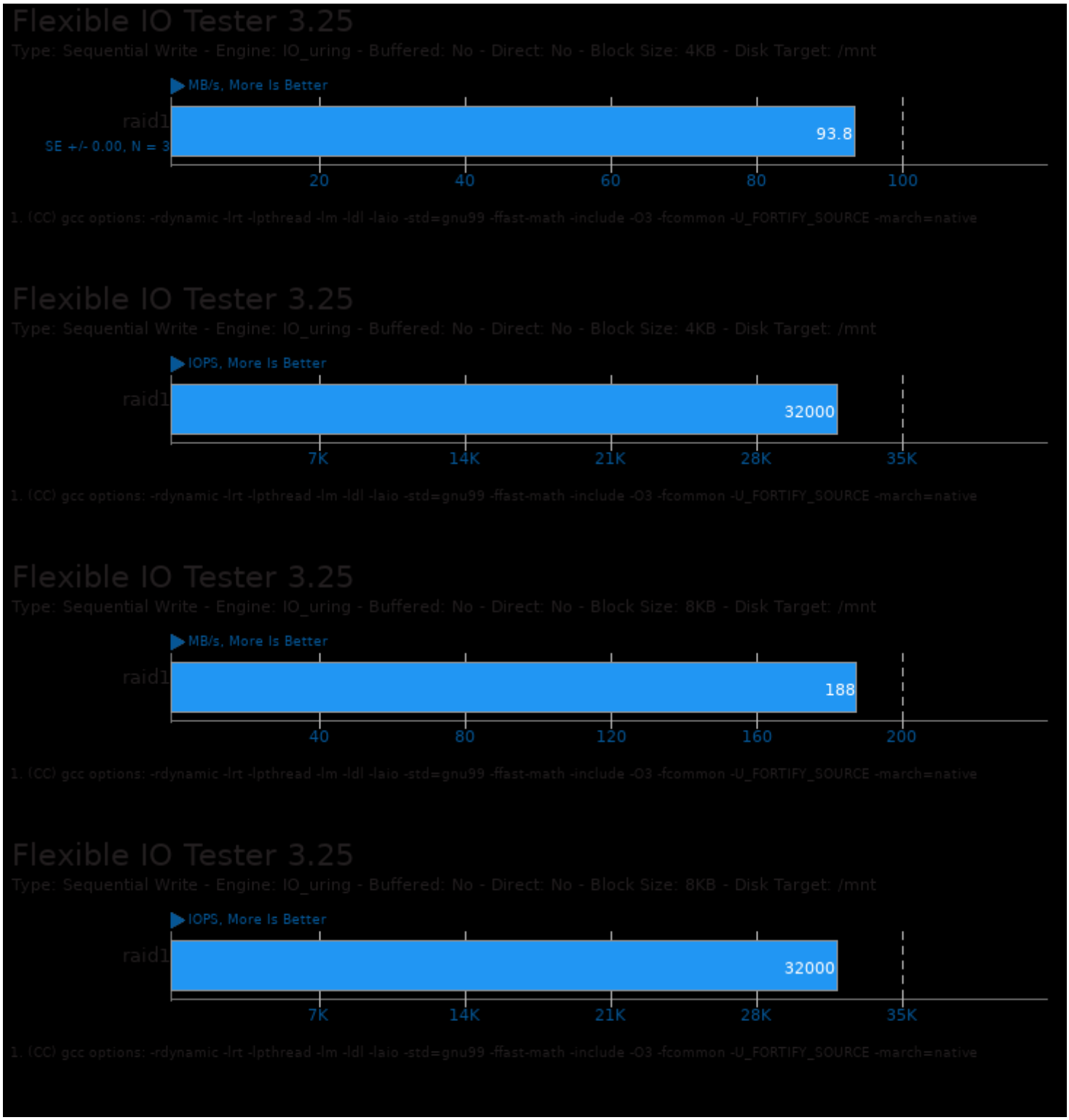

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 23.94, N = 15
331.3
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4091.65, N = 15
56533
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

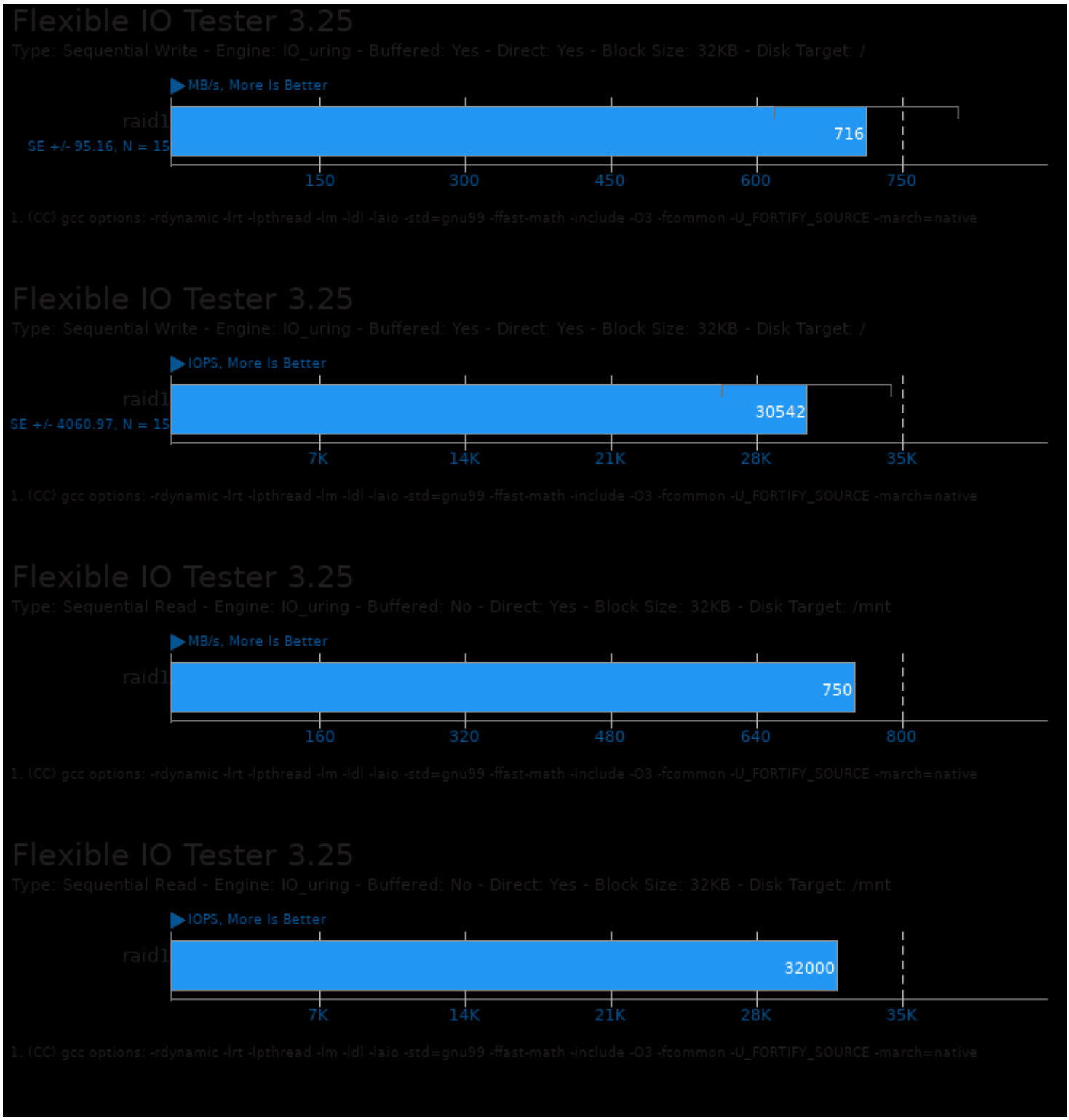
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 11.13, N = 15
162.9
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 3782.00, N = 15
55467
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

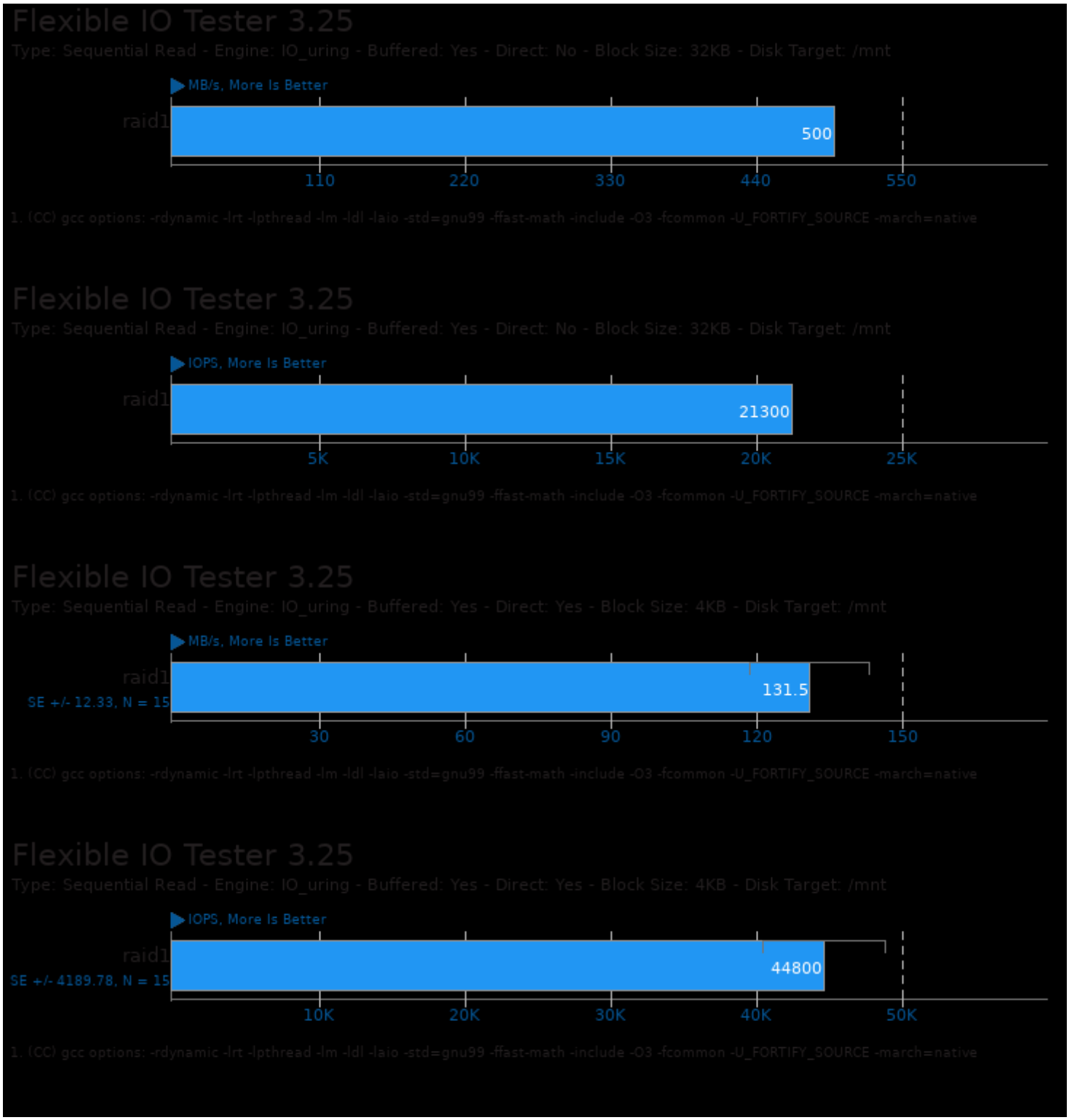
raid1

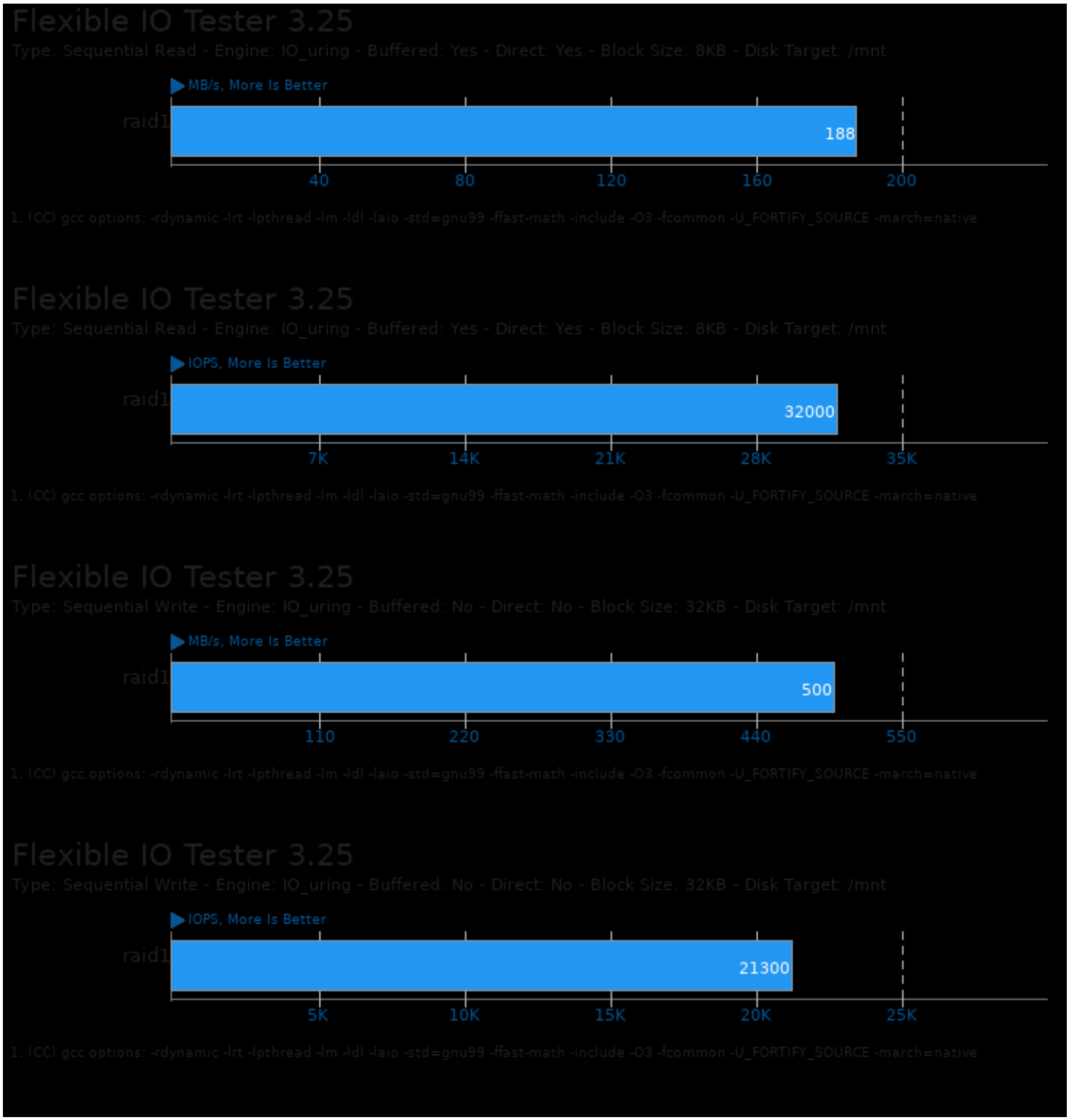

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

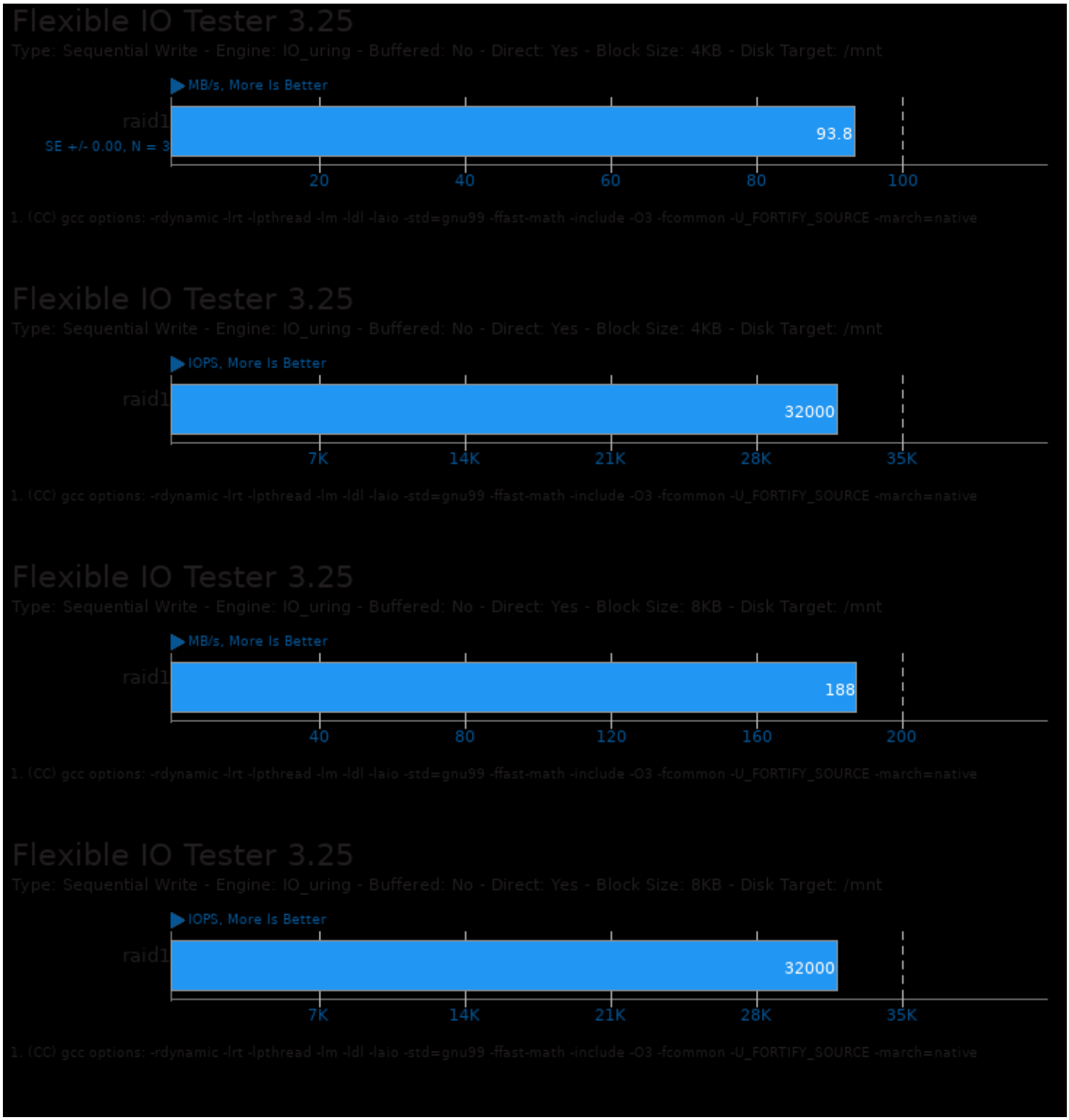
raid1


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
raid1
SE +/- 95.16, N = 15
716
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
raid1
SE +/- 4060.97, N = 15
30542
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

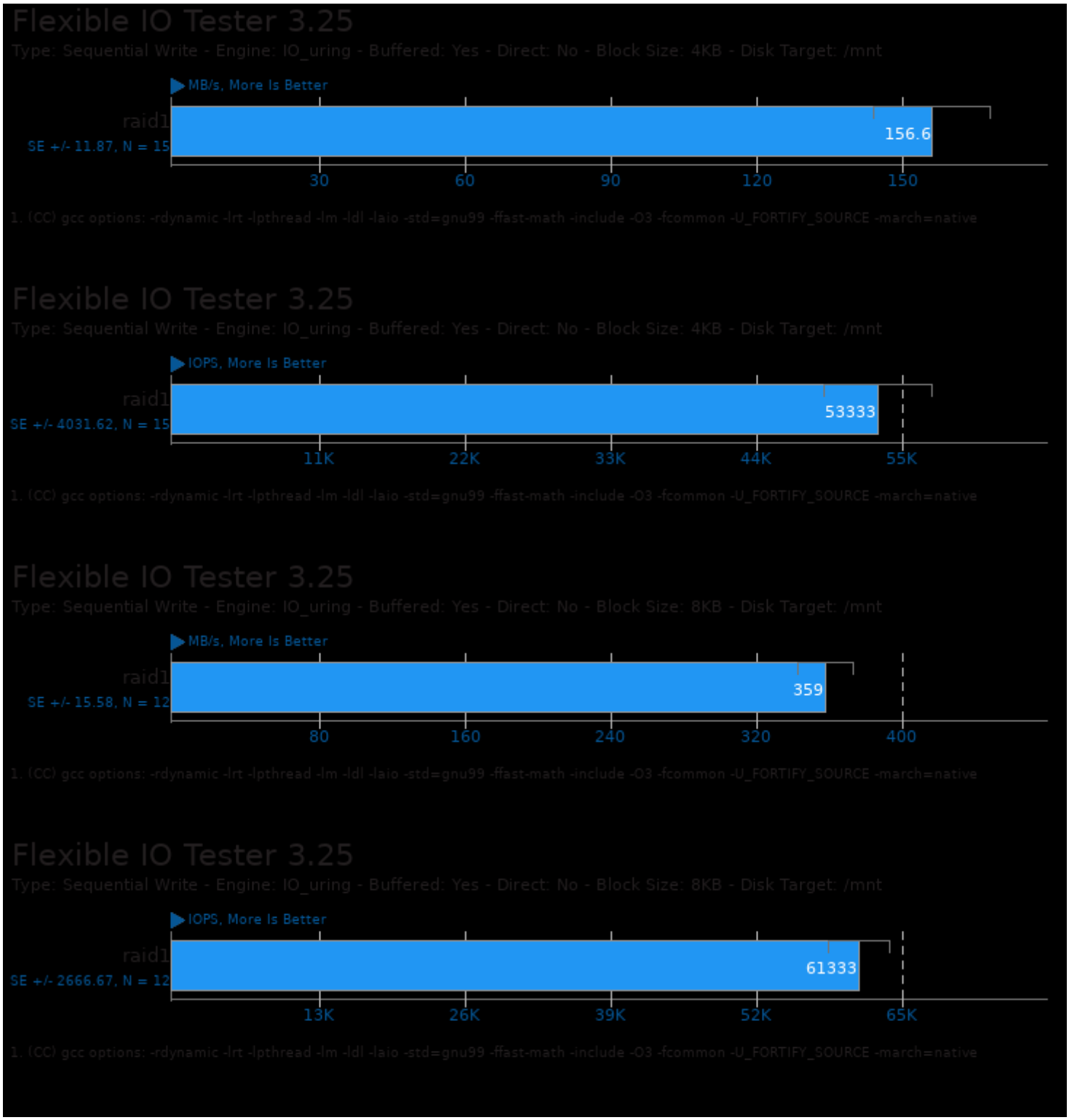
raid1

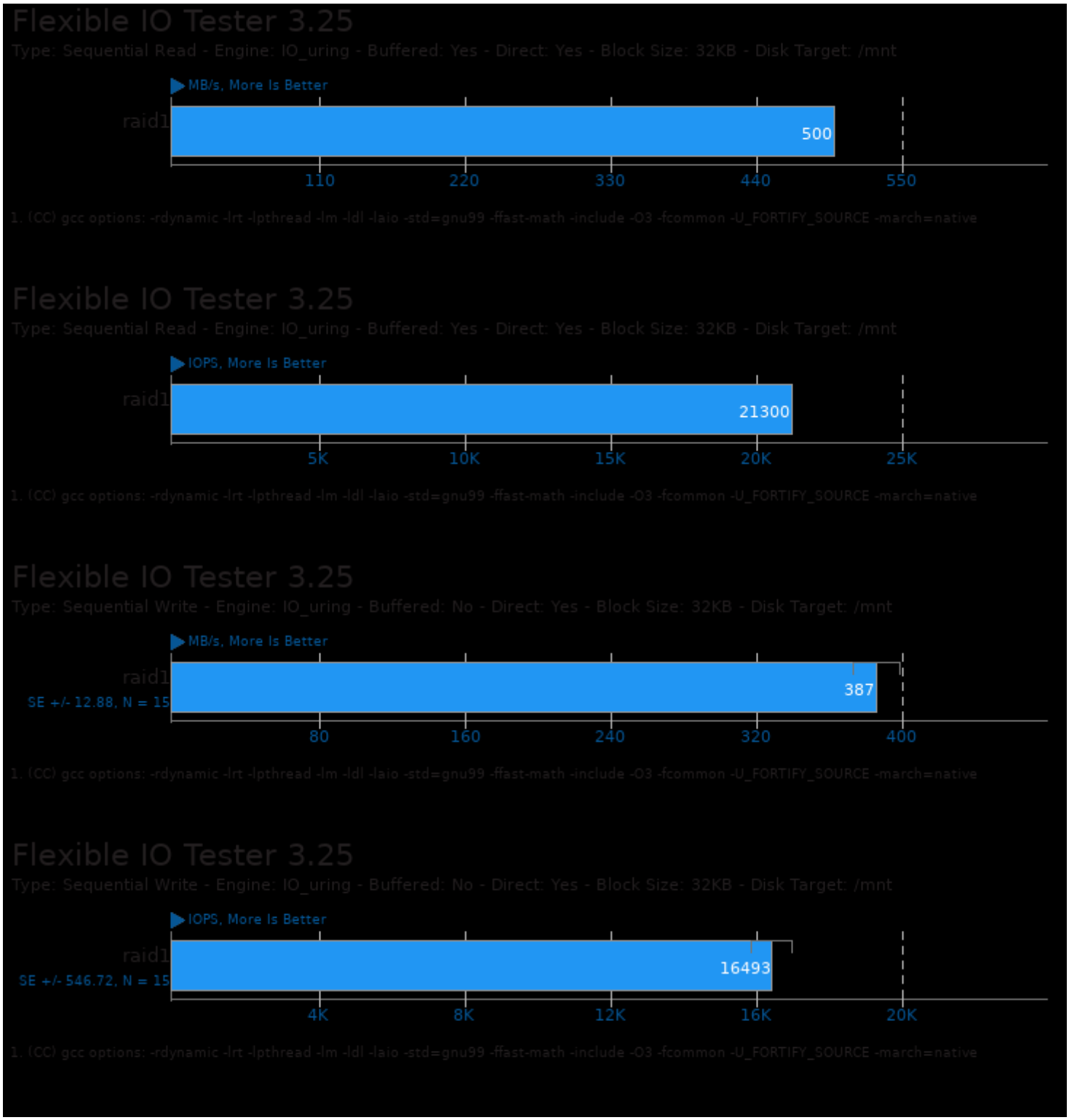

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
500
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
21300
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 12.33, N = 15
131.5
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 4189.78, N = 15
44800
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
500
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
21300
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

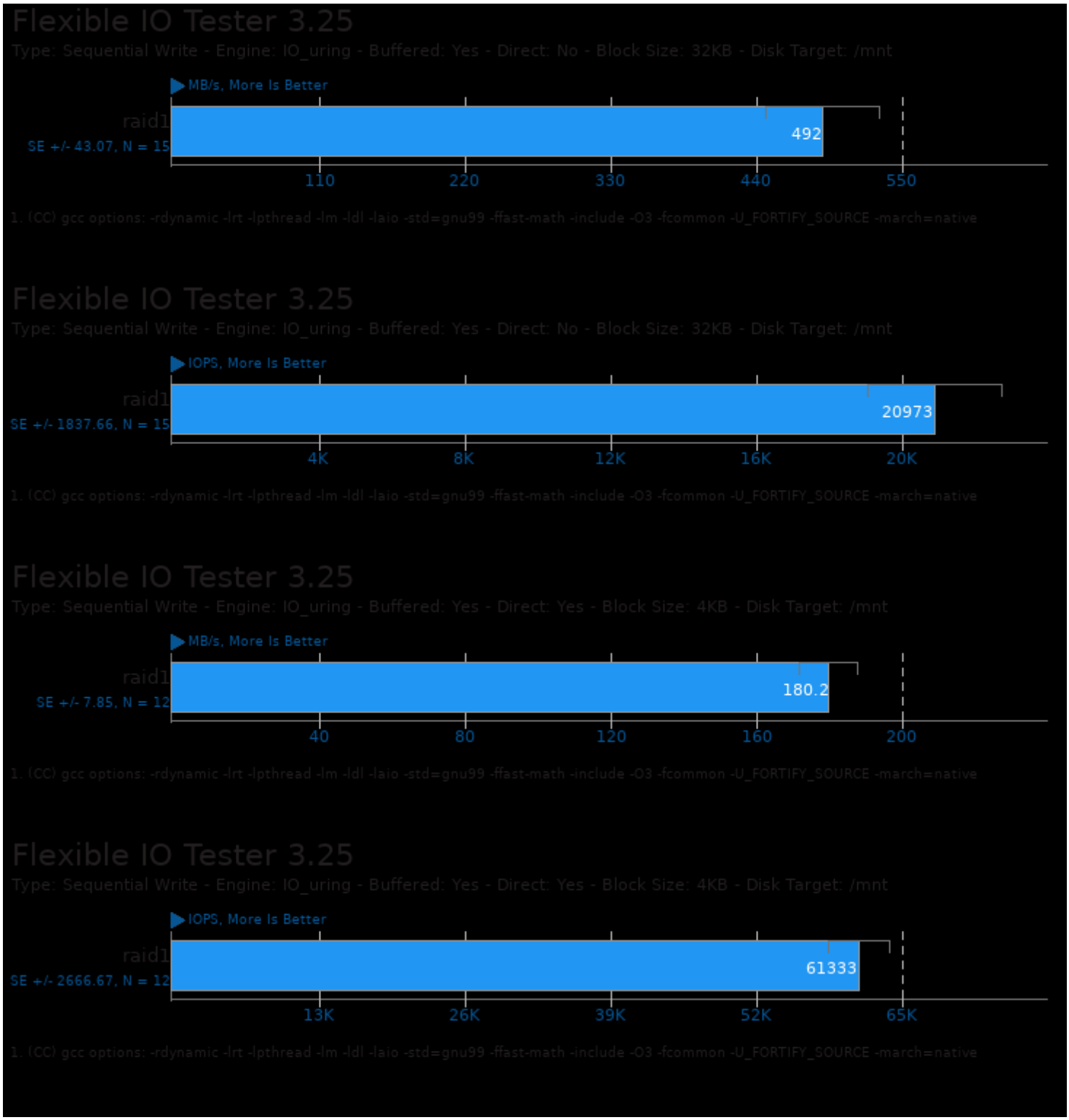

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

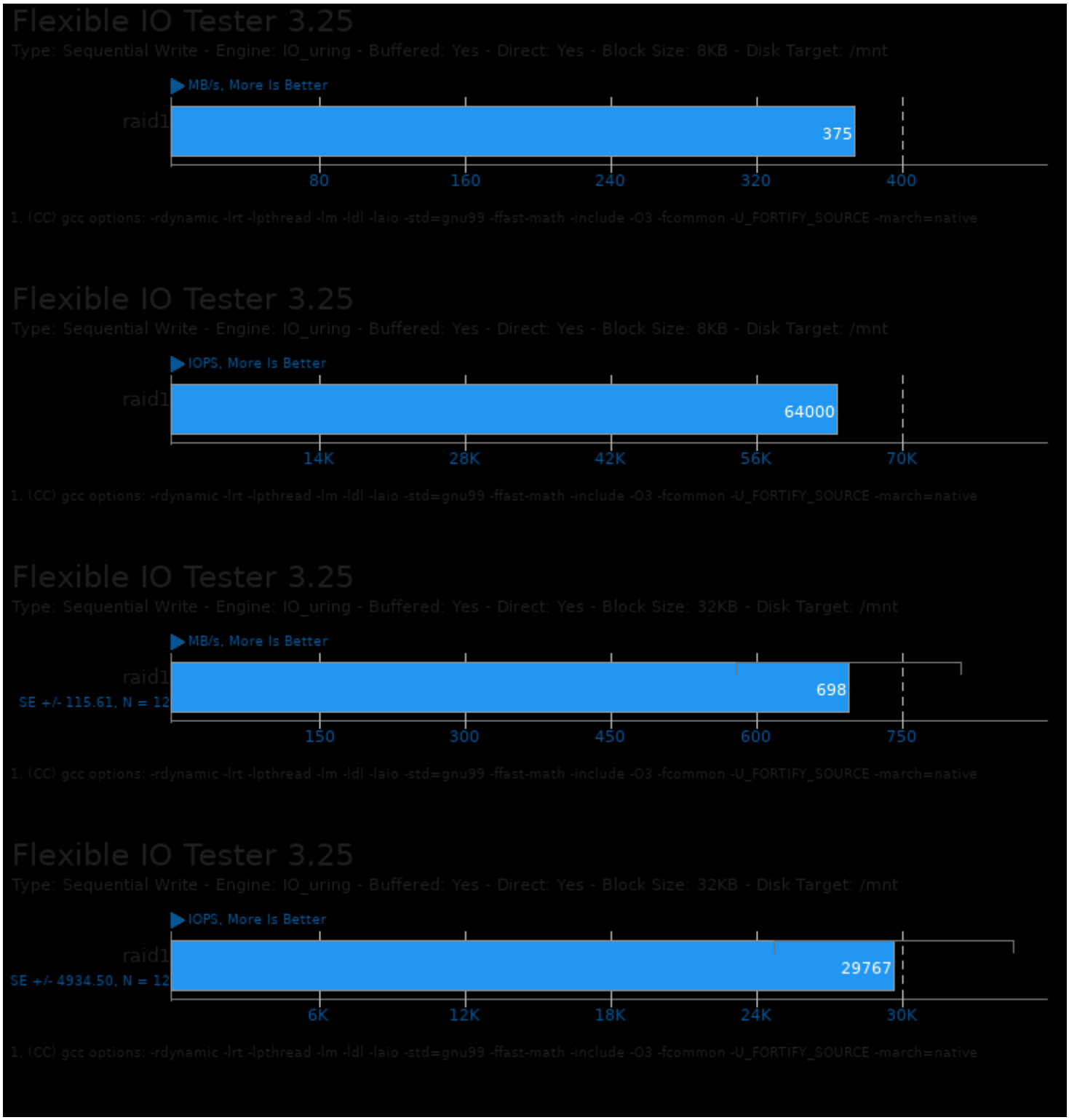
raid1


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 11.87, N = 15
156.6
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 4031.62, N = 15
53333
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 15.58, N = 12
359
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

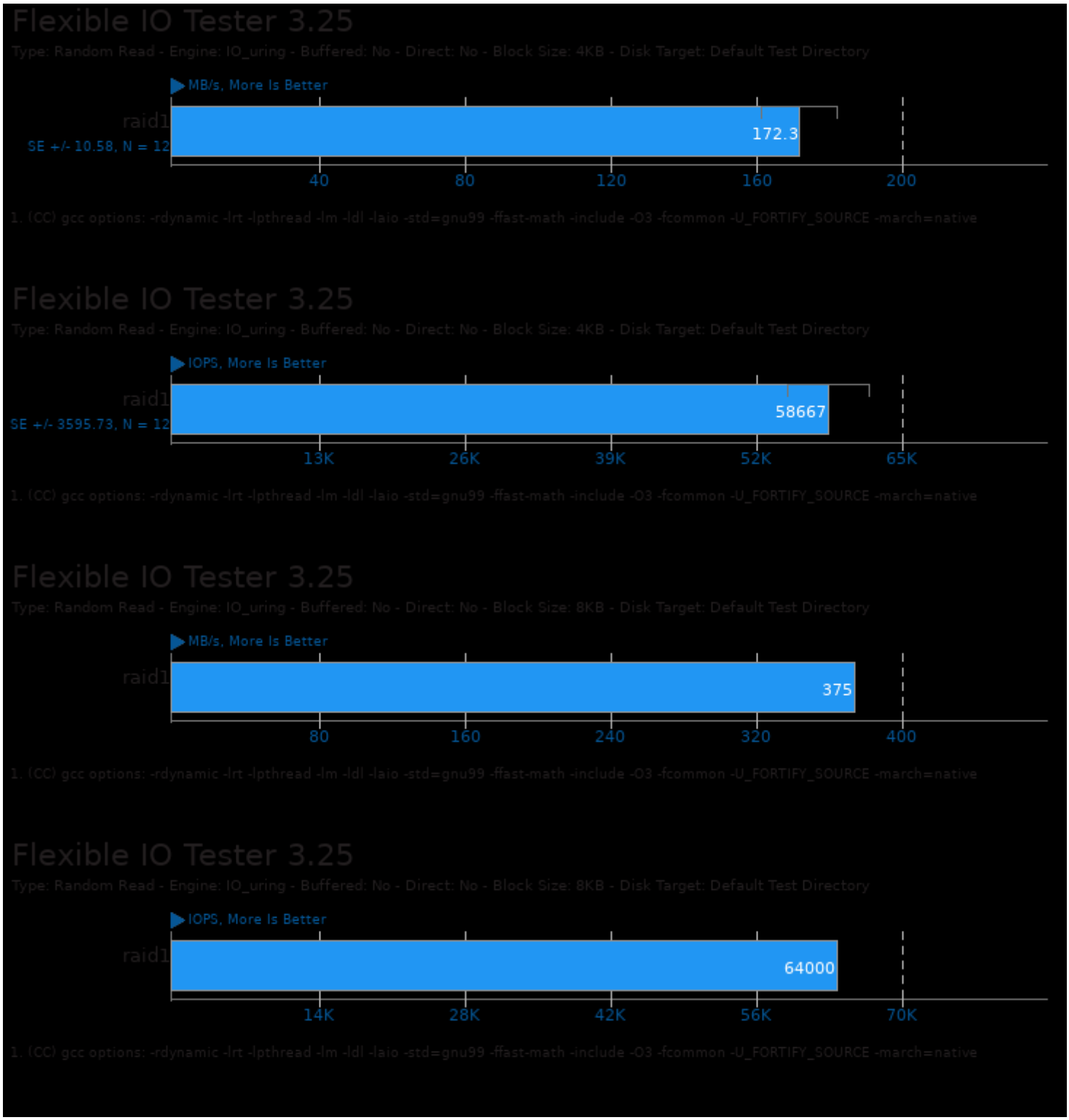

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
500
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
21300
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 12.88, N = 15
387
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 546.72, N = 15
16493
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

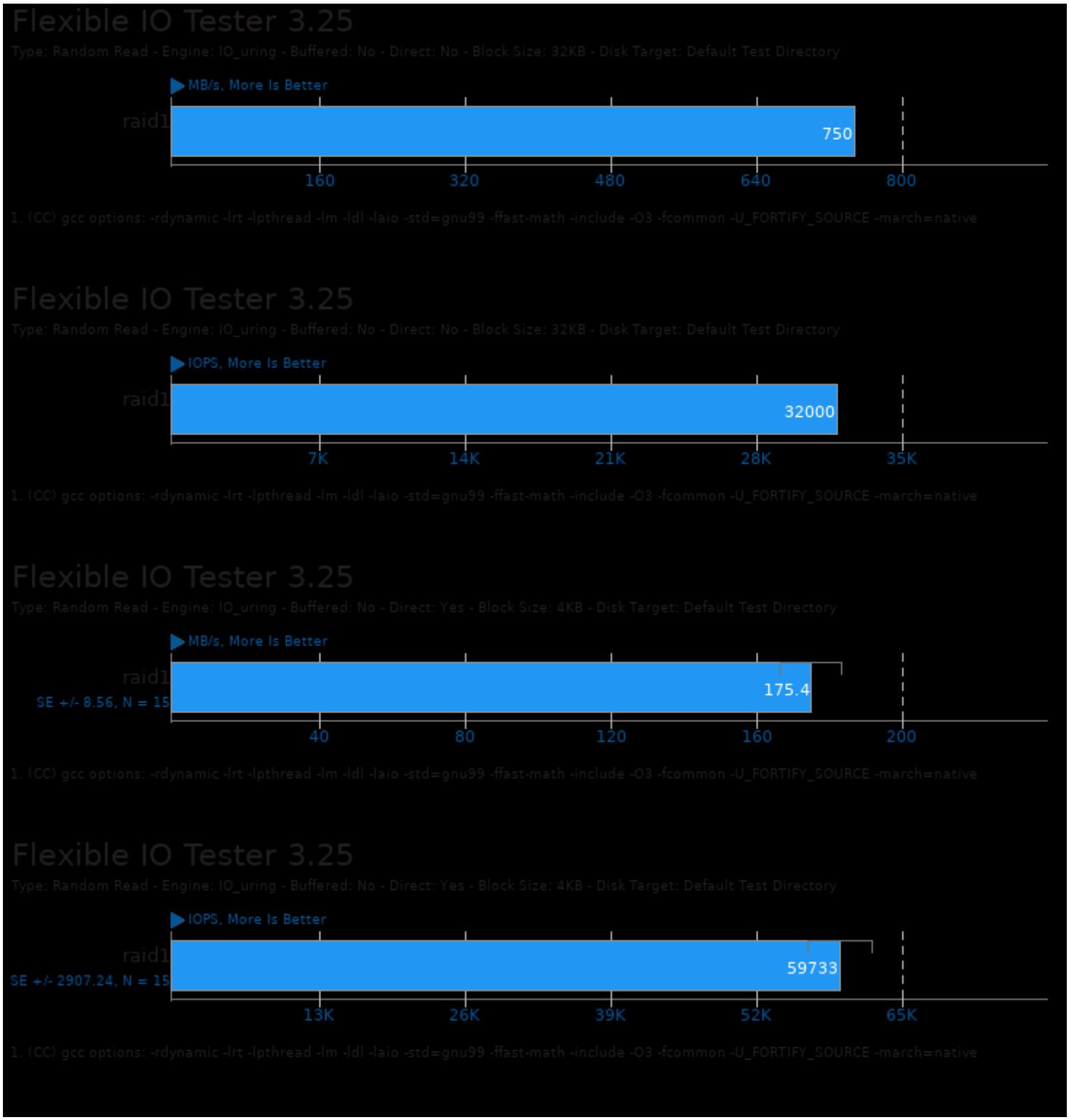
raid1


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 43.07, N = 15
492
110
220
330
440
550
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 1837.66, N = 15
20973
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 7.85, N = 12
180.2
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /mnt
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
MB/s, More Is Better
raid1
SE +/- 115.61, N = 12
698
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /mnt
IOPS, More Is Better
raid1
SE +/- 4934.50, N = 12
29767
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

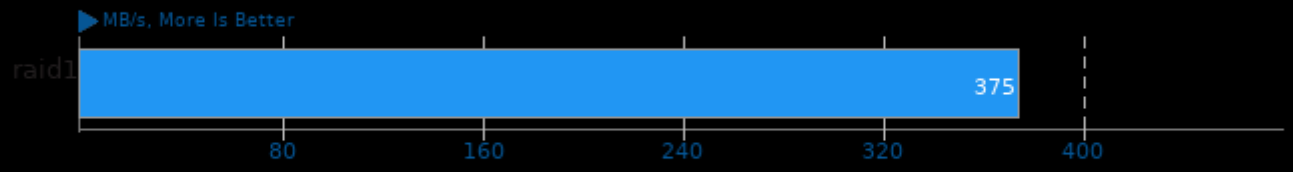
raid1


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 10.58, N = 12
172.3
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 3595.73, N = 12
58667
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 8.56, N = 15
175.4
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2907.24, N = 15
59733
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

Flexible IO Tester 3.25

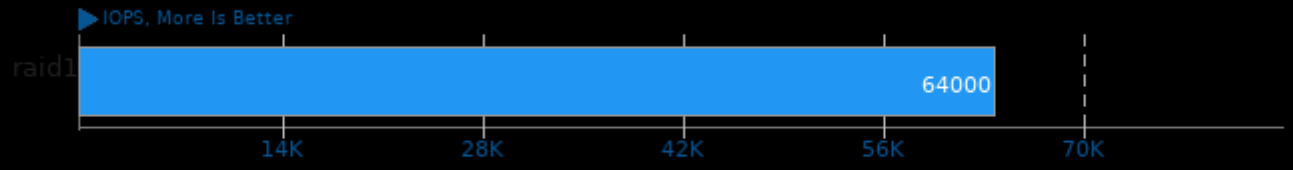
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

Flexible IO Tester 3.25

Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

Flexible IO Tester 3.25

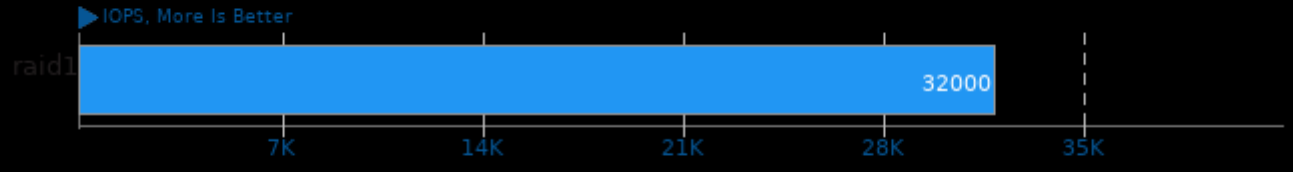
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory



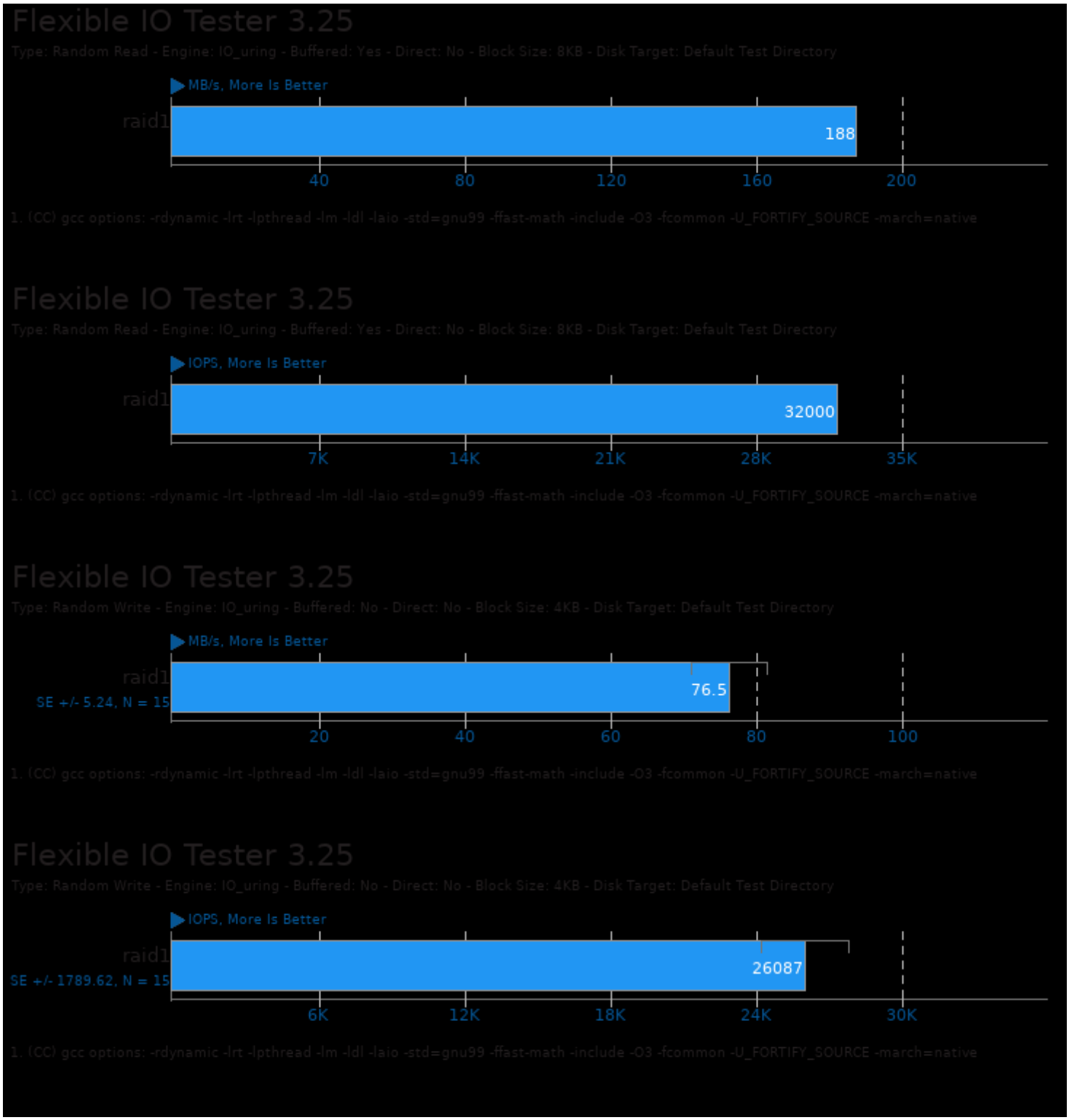
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

Flexible IO Tester 3.25

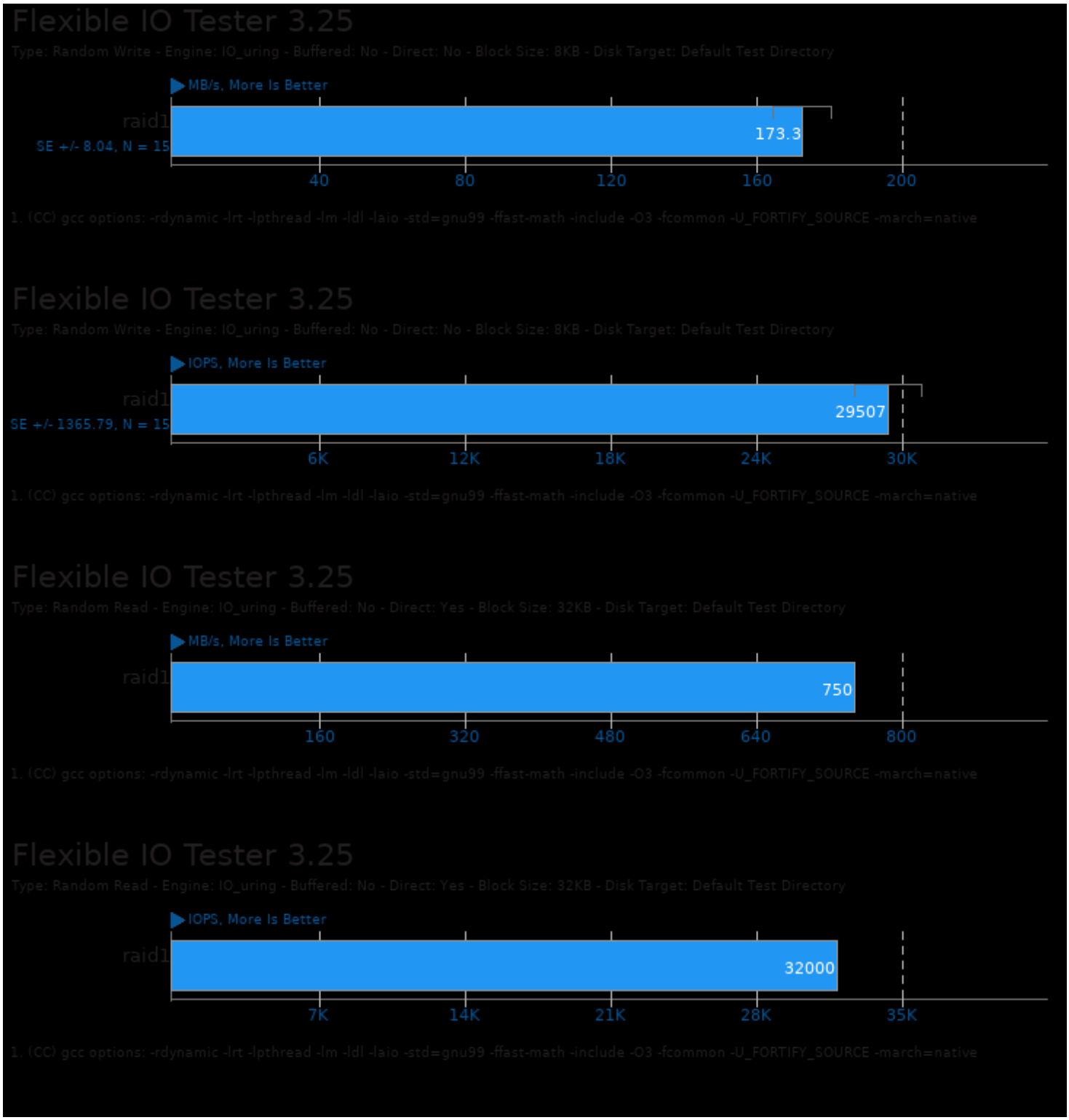
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory

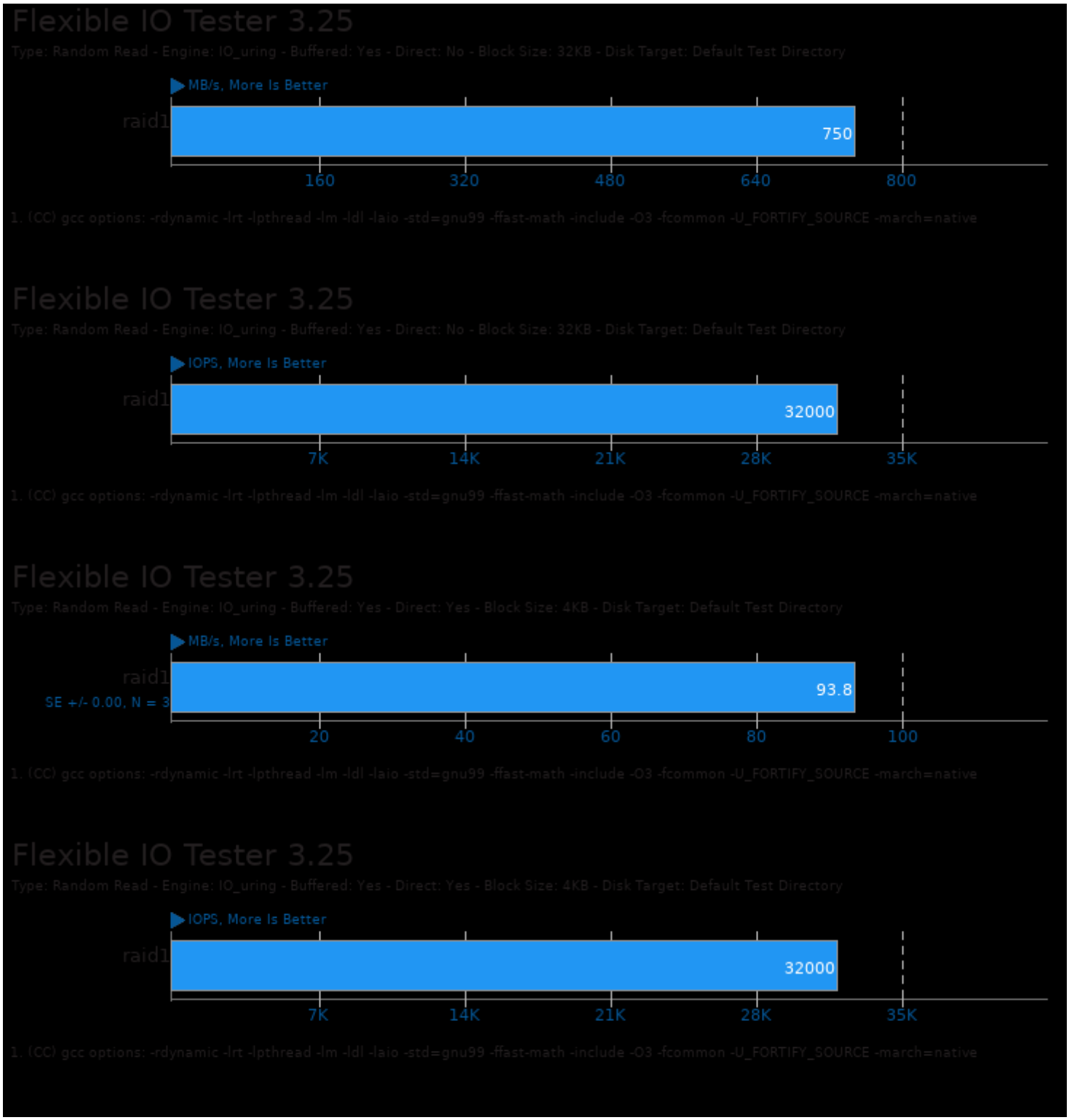


1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

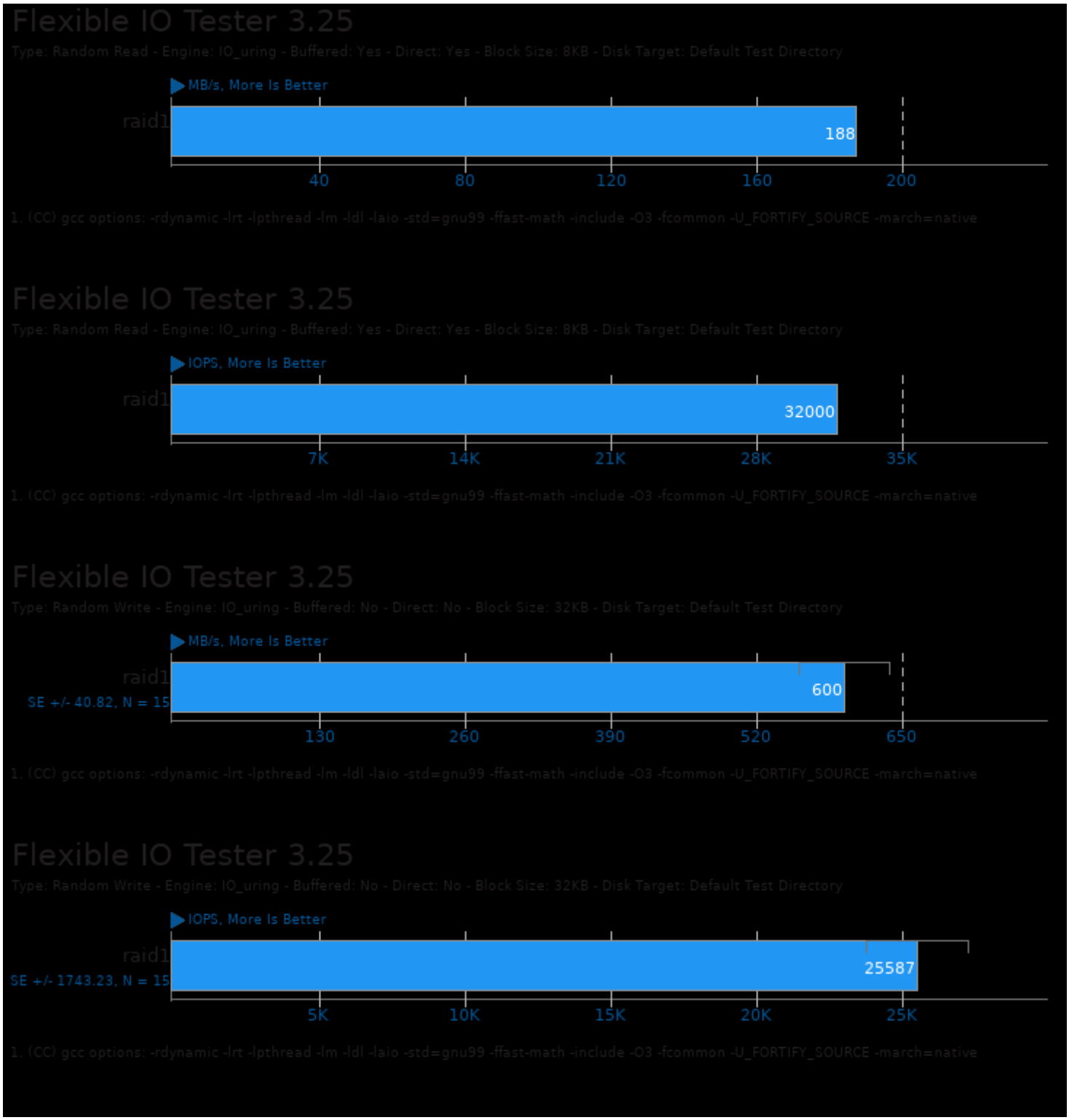

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 5.24, N = 15
76.5
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1789.62, N = 15
26087
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

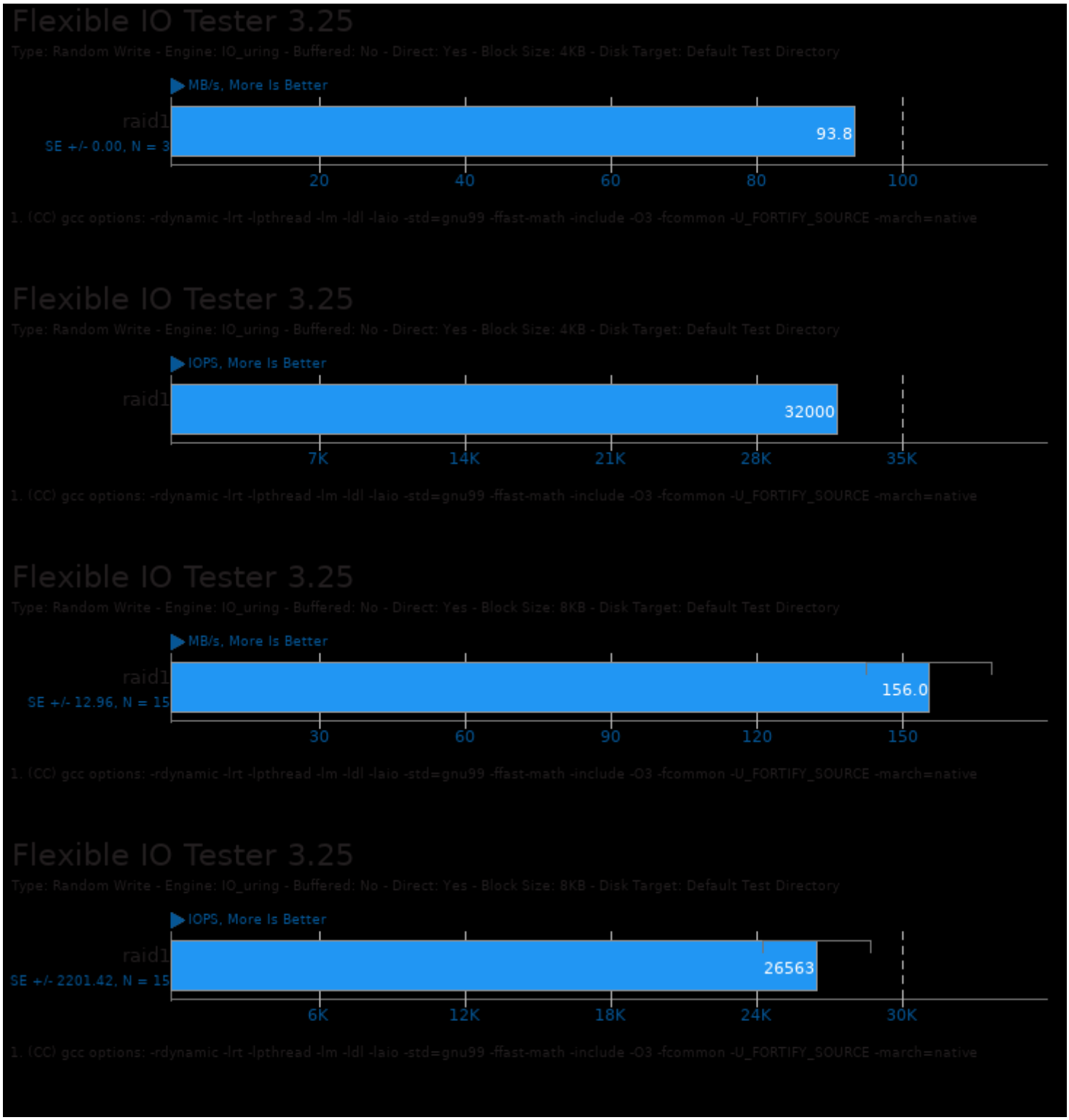

Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 8.04, N = 15
173.3
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1365.79, N = 15
29507
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

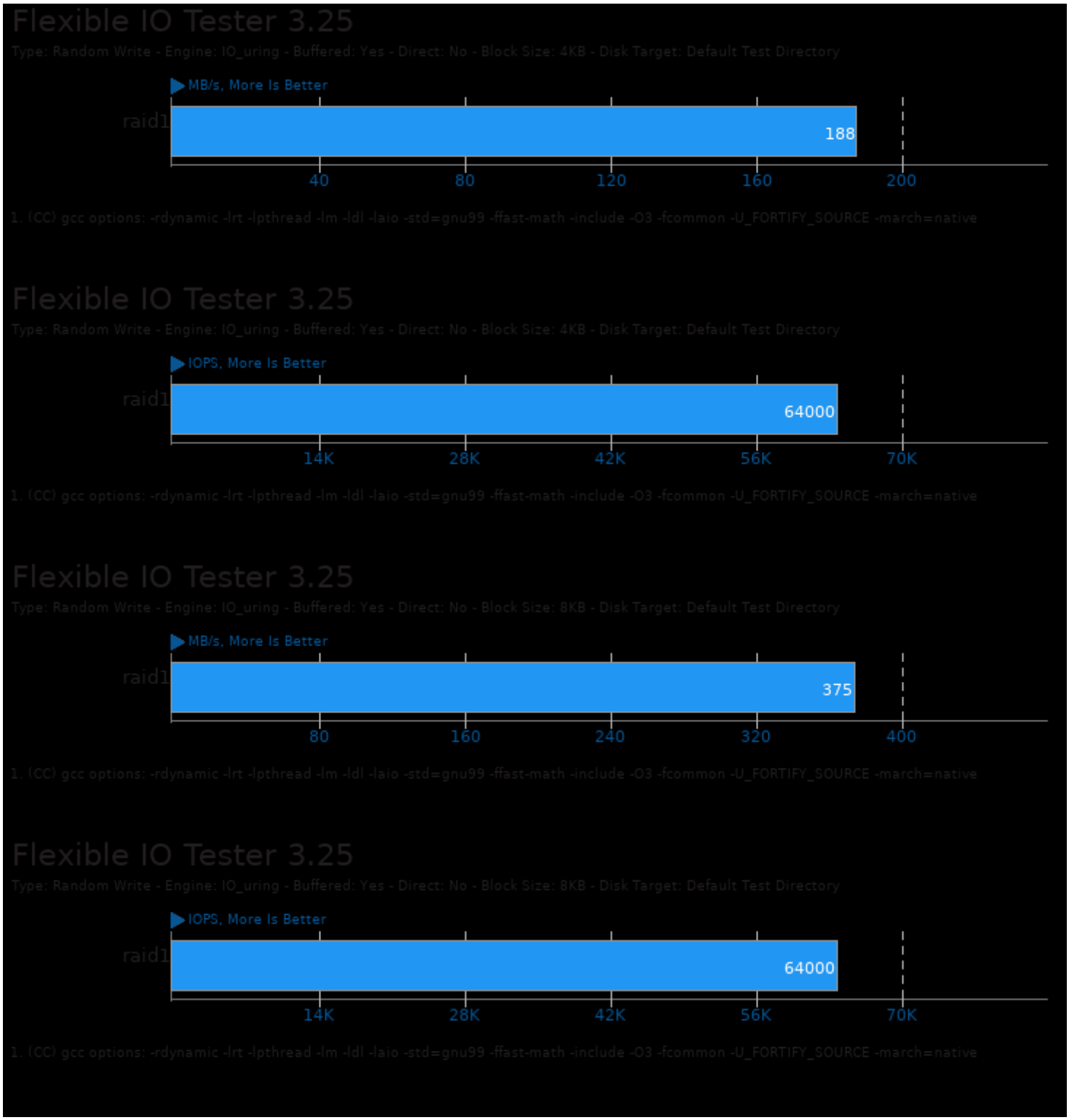

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

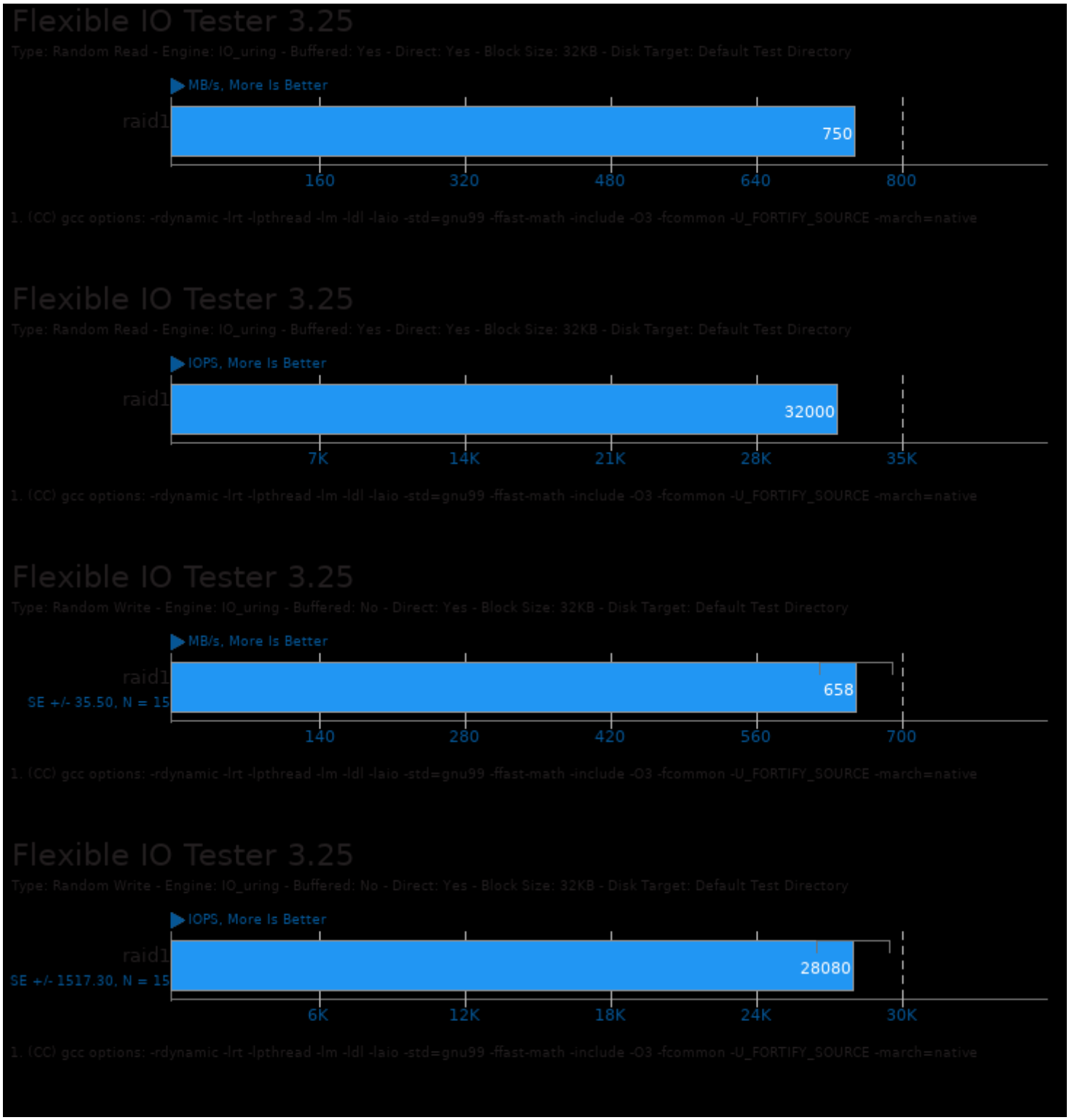
raid1

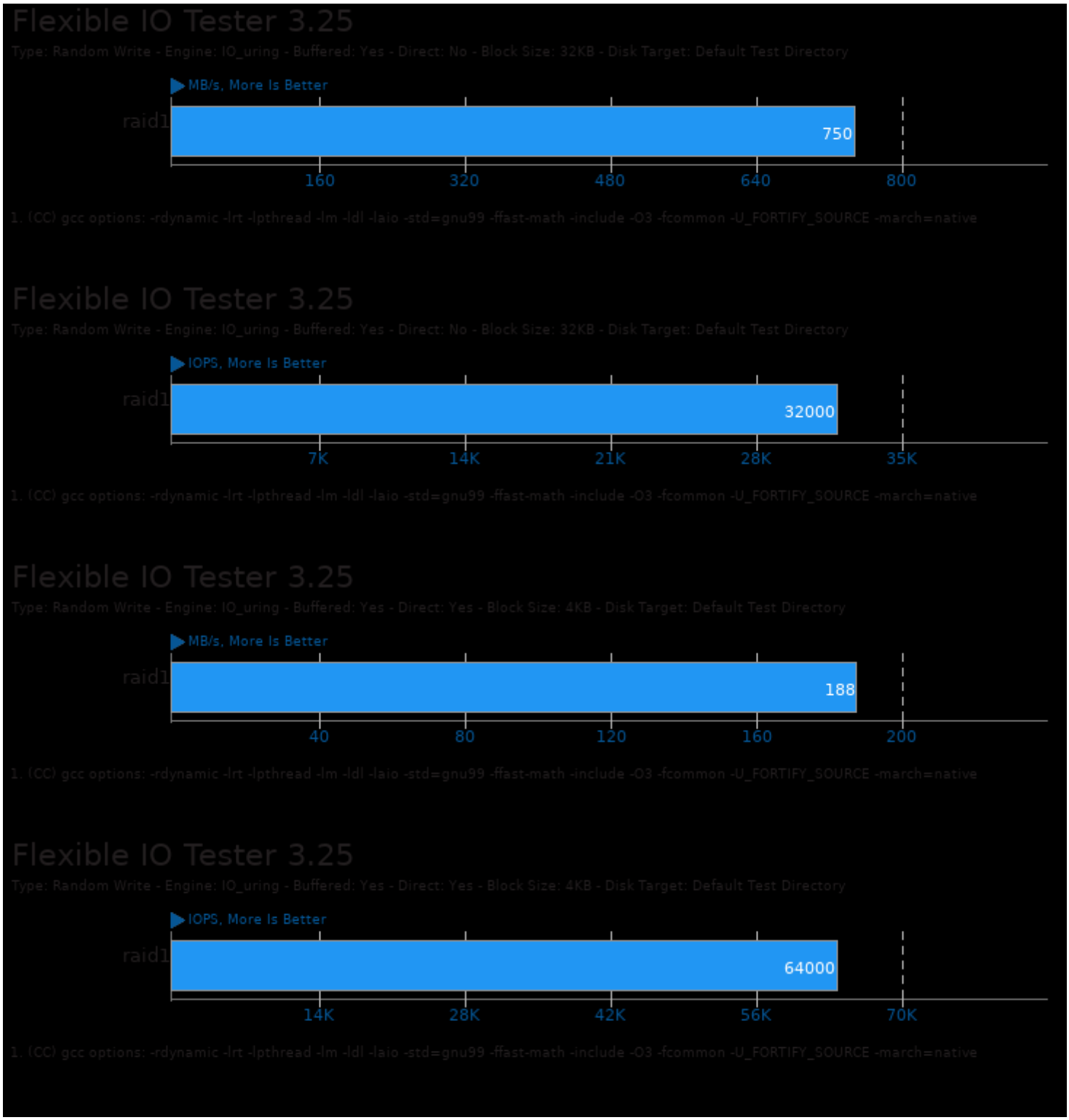

Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 40.82, N = 15
600
130
260
390
520
650
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1743.23, N = 15
25587
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

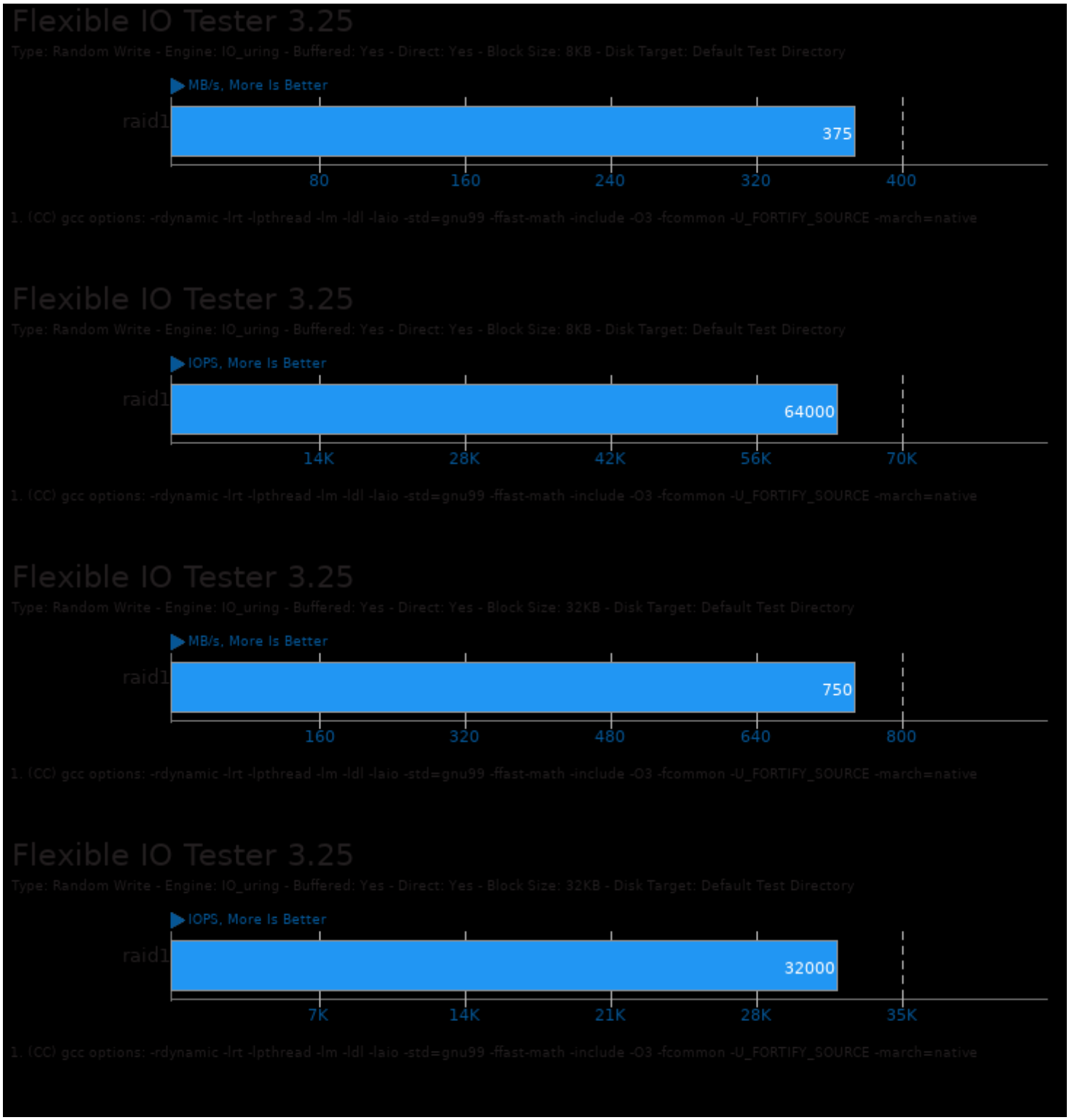
raid1


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.00, N = 3
93.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 12.96, N = 15
156.0
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2201.42, N = 15
26563
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

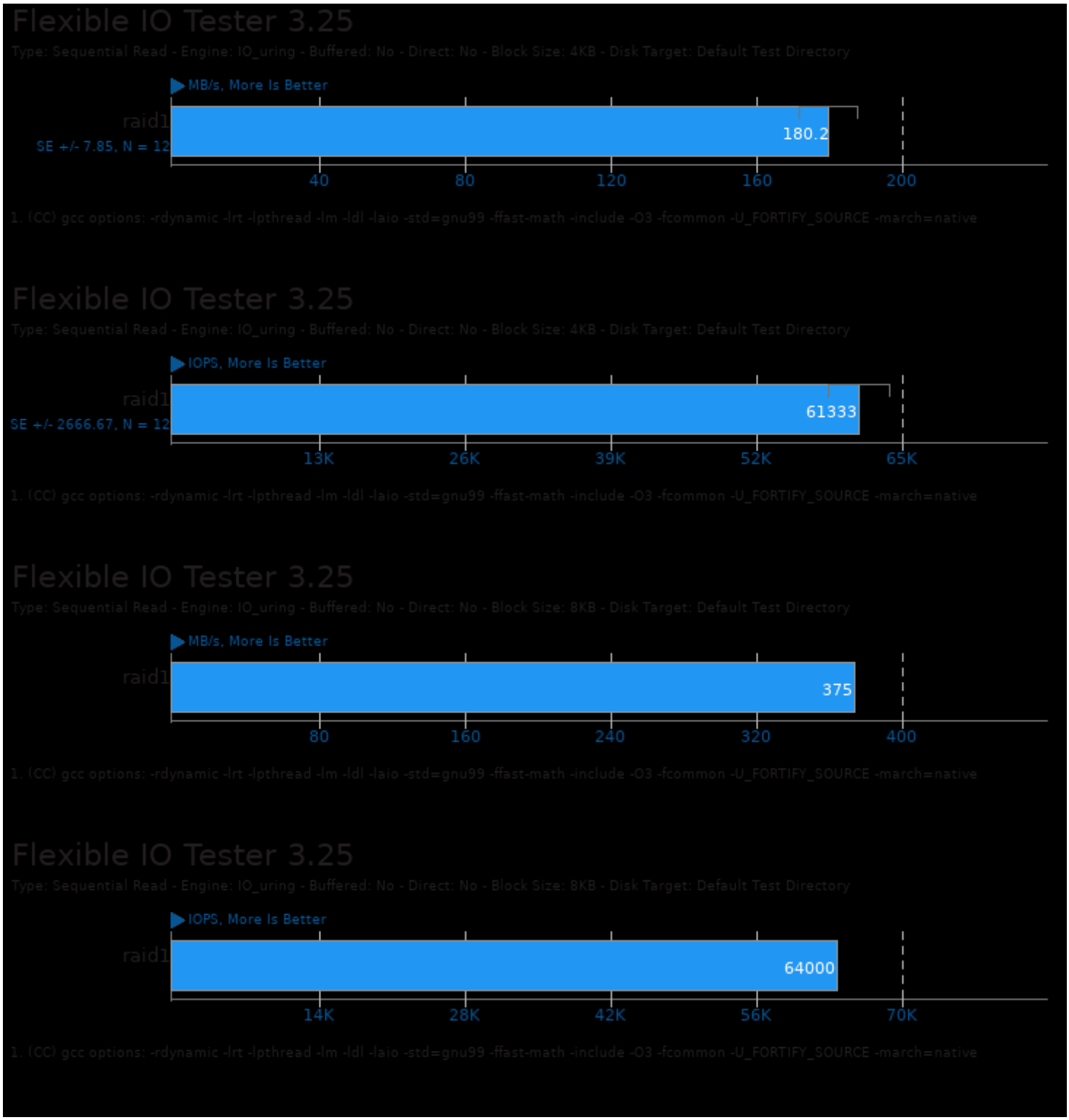

Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 35.50, N = 15
658
140
280
420
560
700
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1517.30, N = 15
28080
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

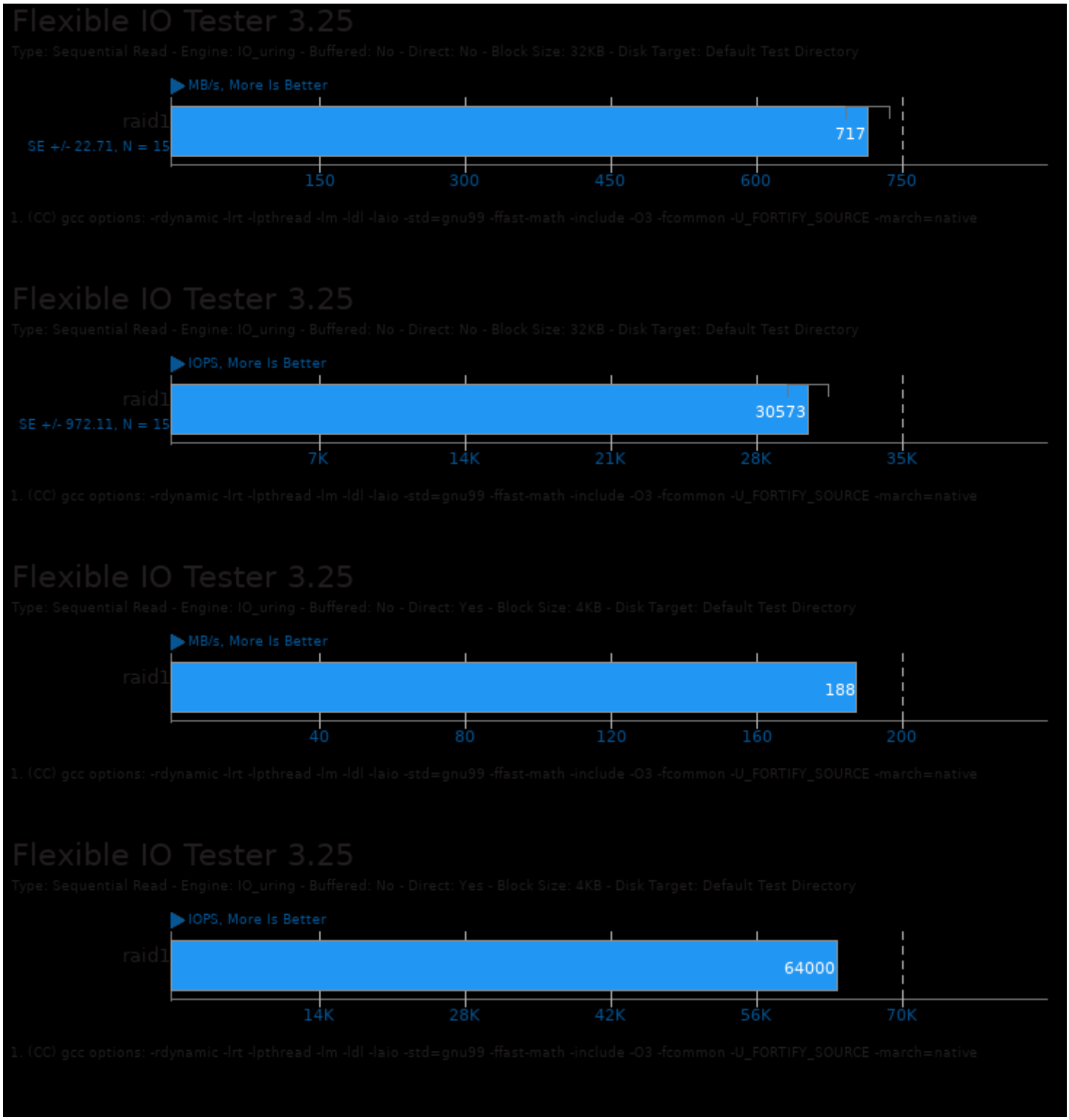

Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Random Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

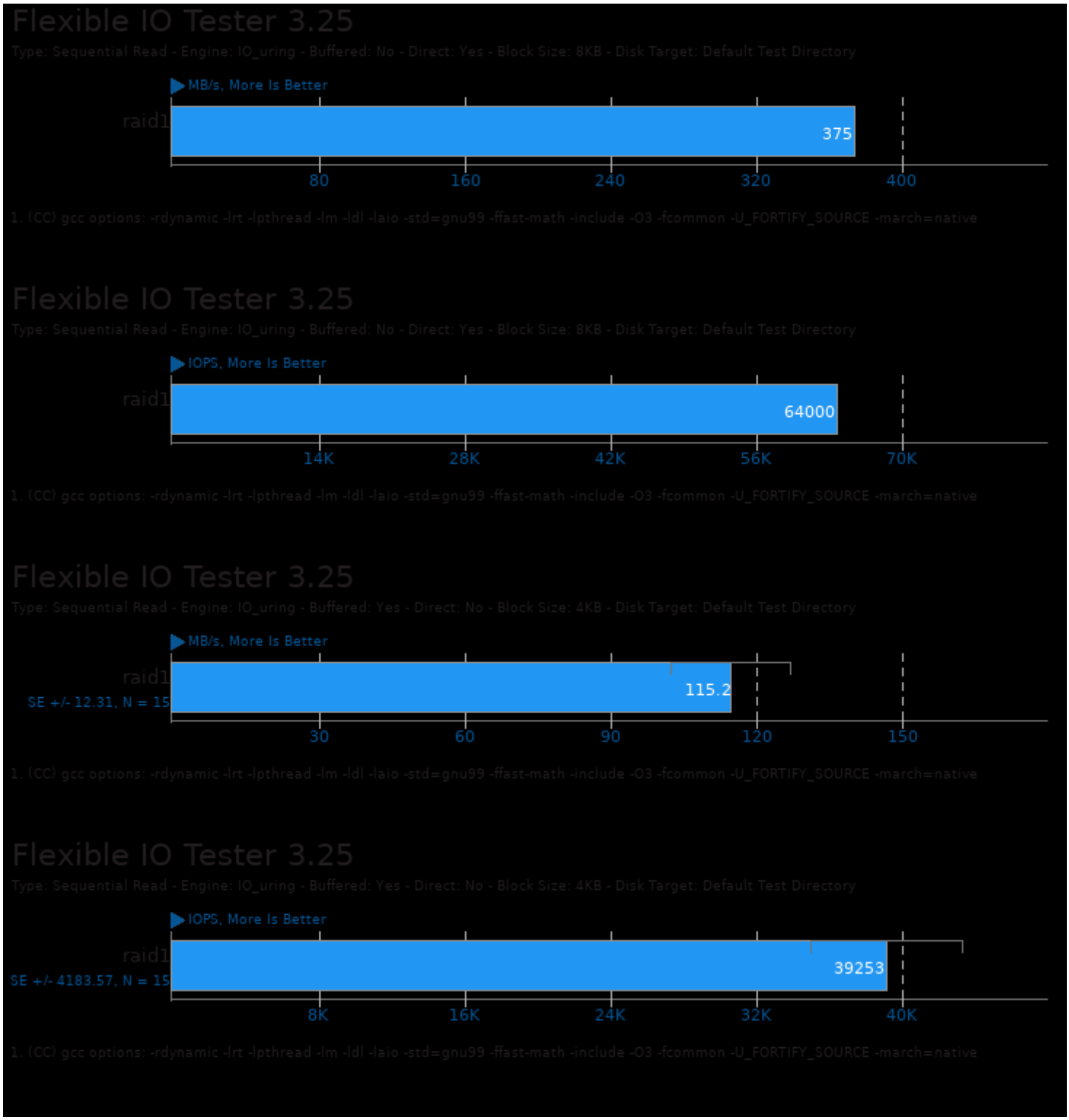
raid1

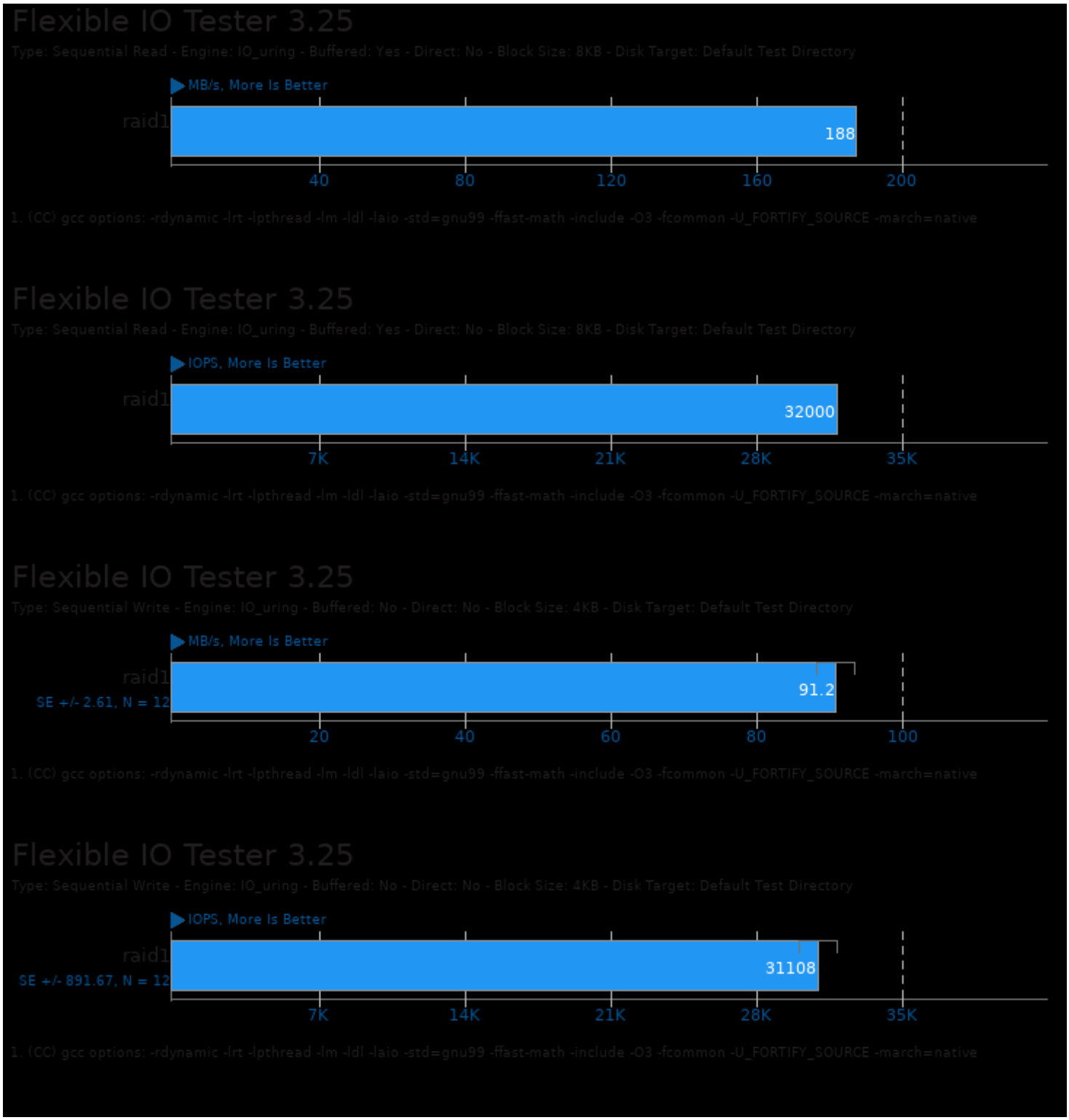

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 7.85, N = 12
180.2
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2666.67, N = 12
61333
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

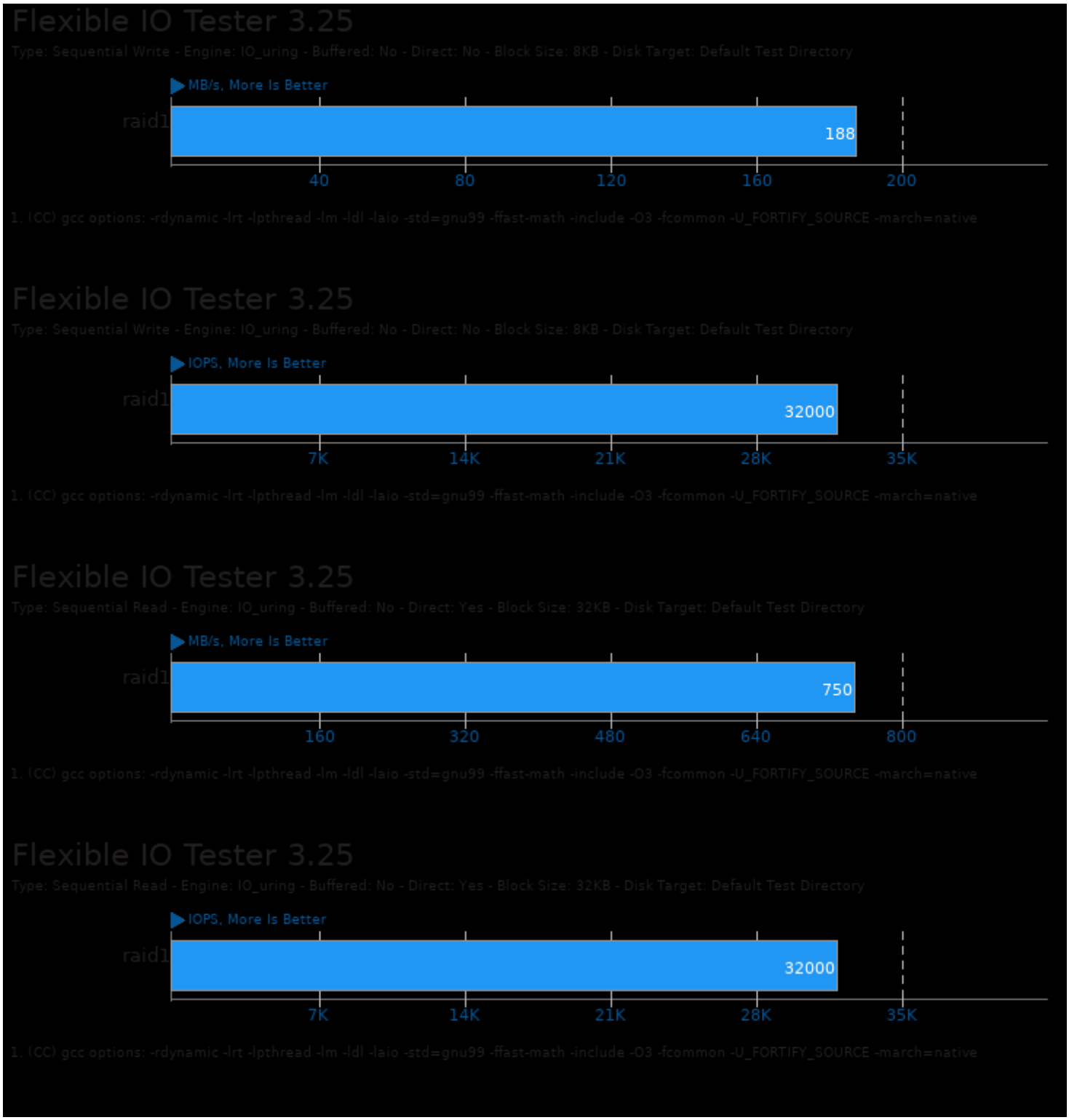
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 22.71, N = 15
717
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 972.11, N = 15
30573
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

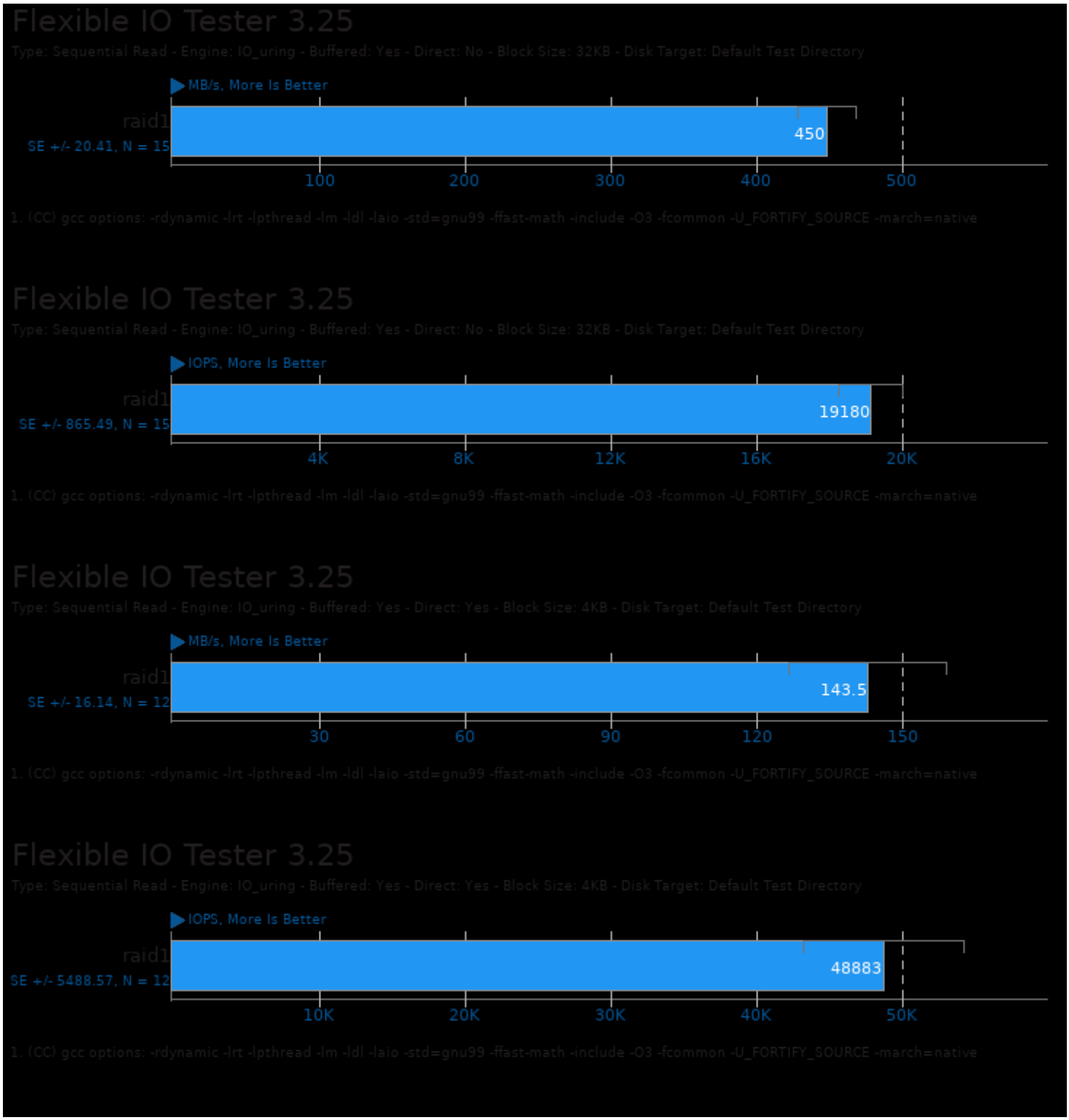
raid1

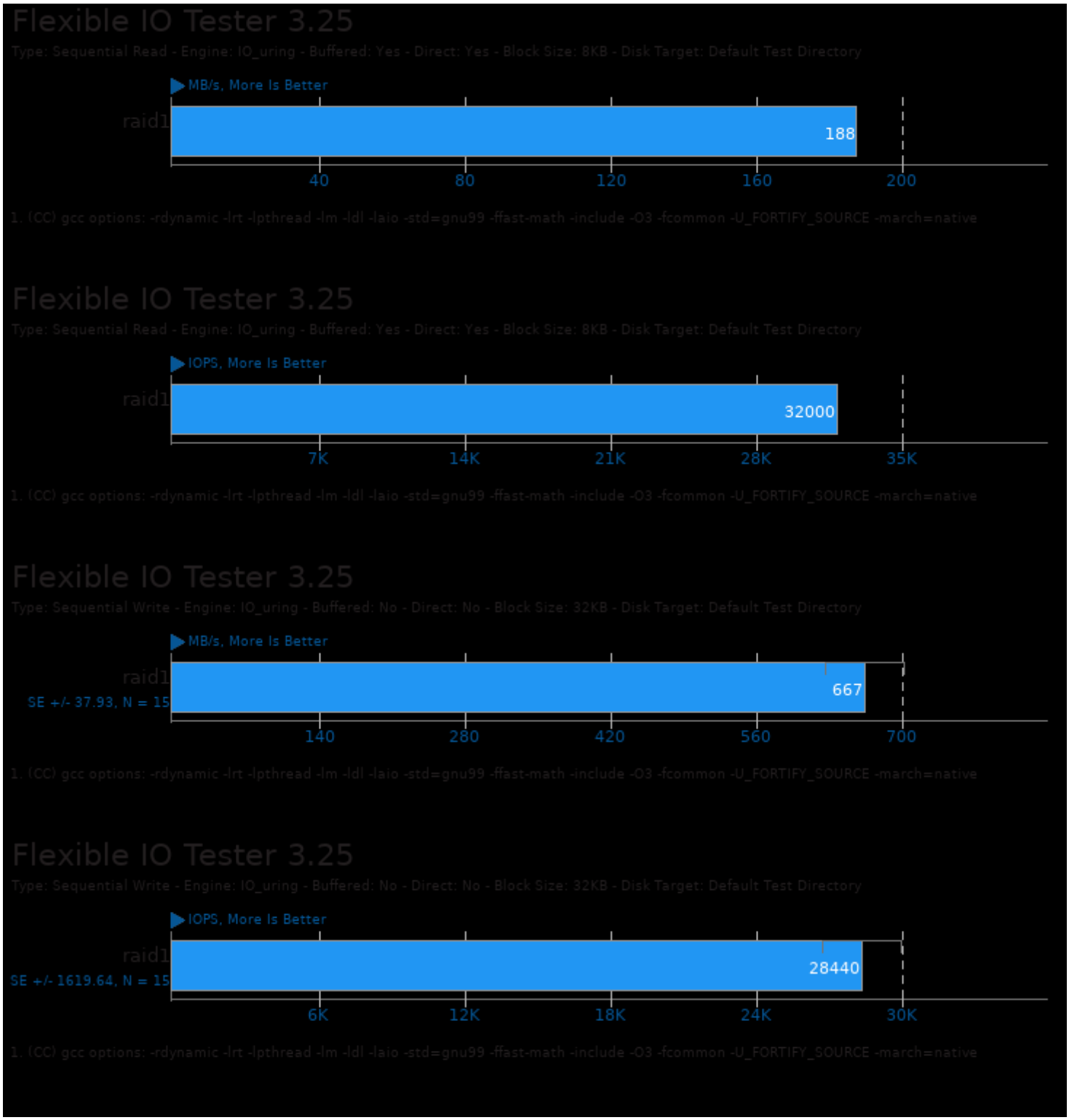

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 12.31, N = 15
115.2
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 4183.57, N = 15
39253
8K
16K
24K
32K
40K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.61, N = 12
91.2
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 891.67, N = 12
31108
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

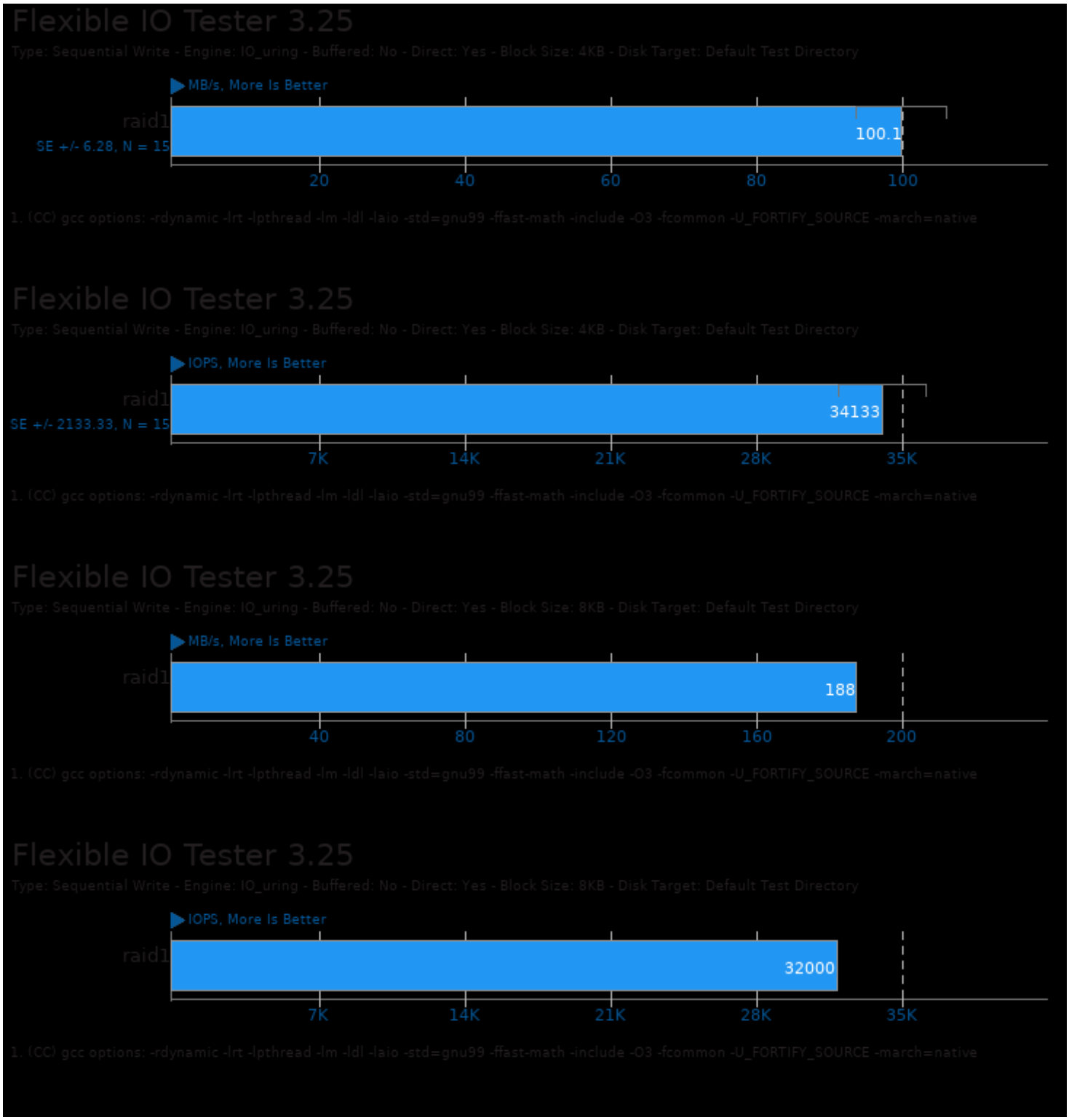

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

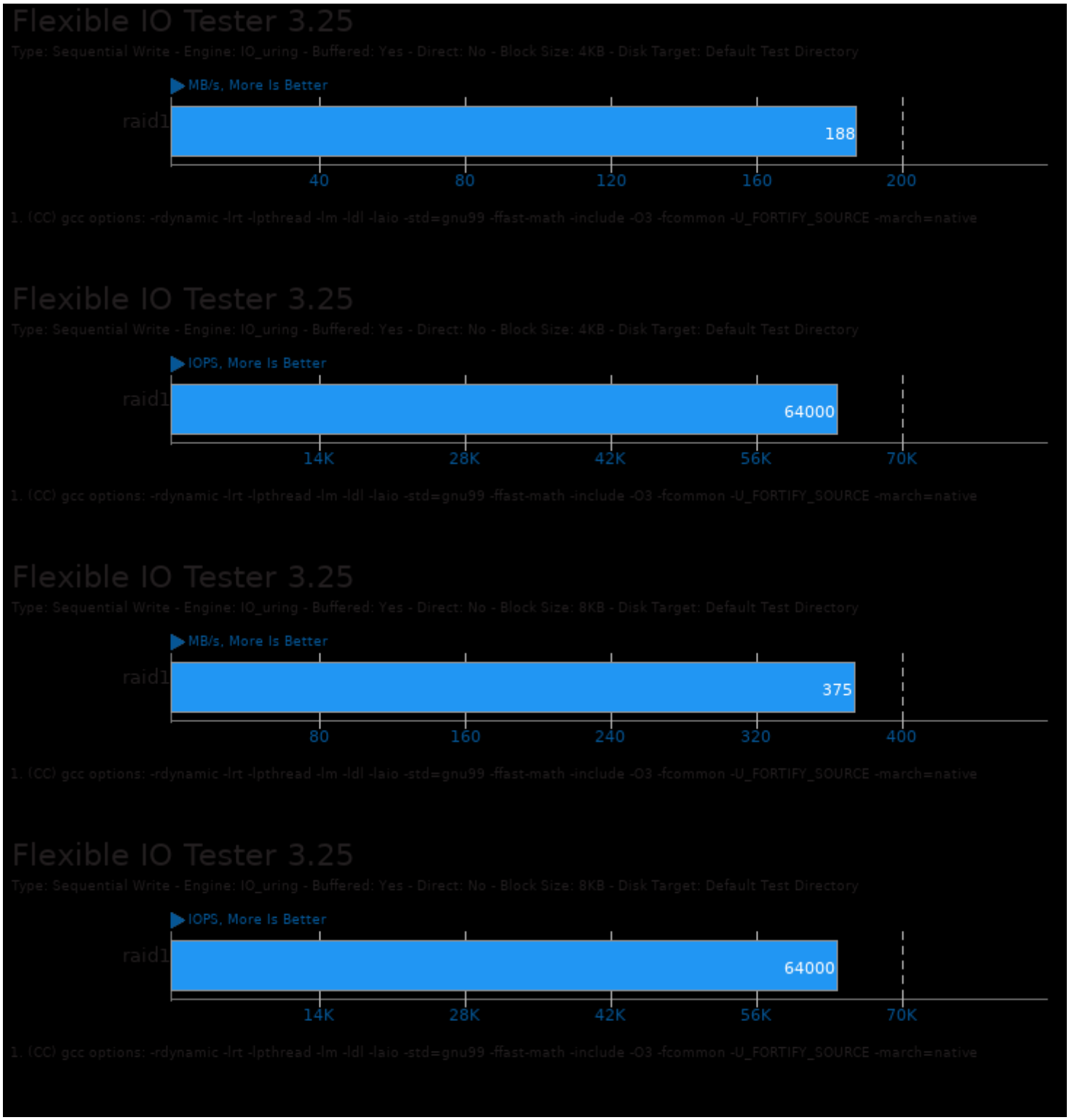

Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 20.41, N = 15
450
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 865.49, N = 15
19180
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 16.14, N = 12
143.5
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 5488.57, N = 12
48883
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 37.93, N = 15
667
140
280
420
560
700
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1619.64, N = 15
28440
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

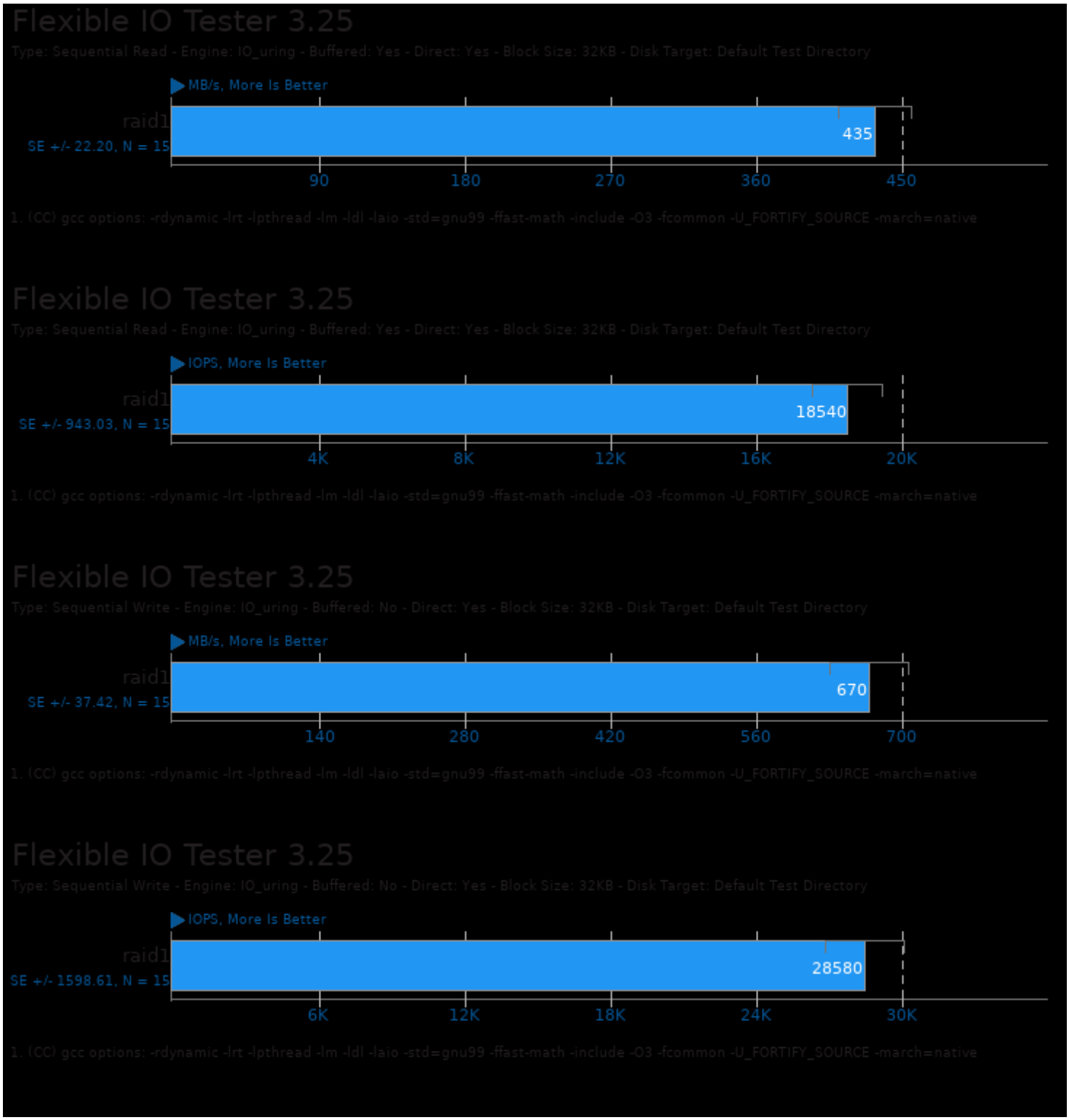
raid1

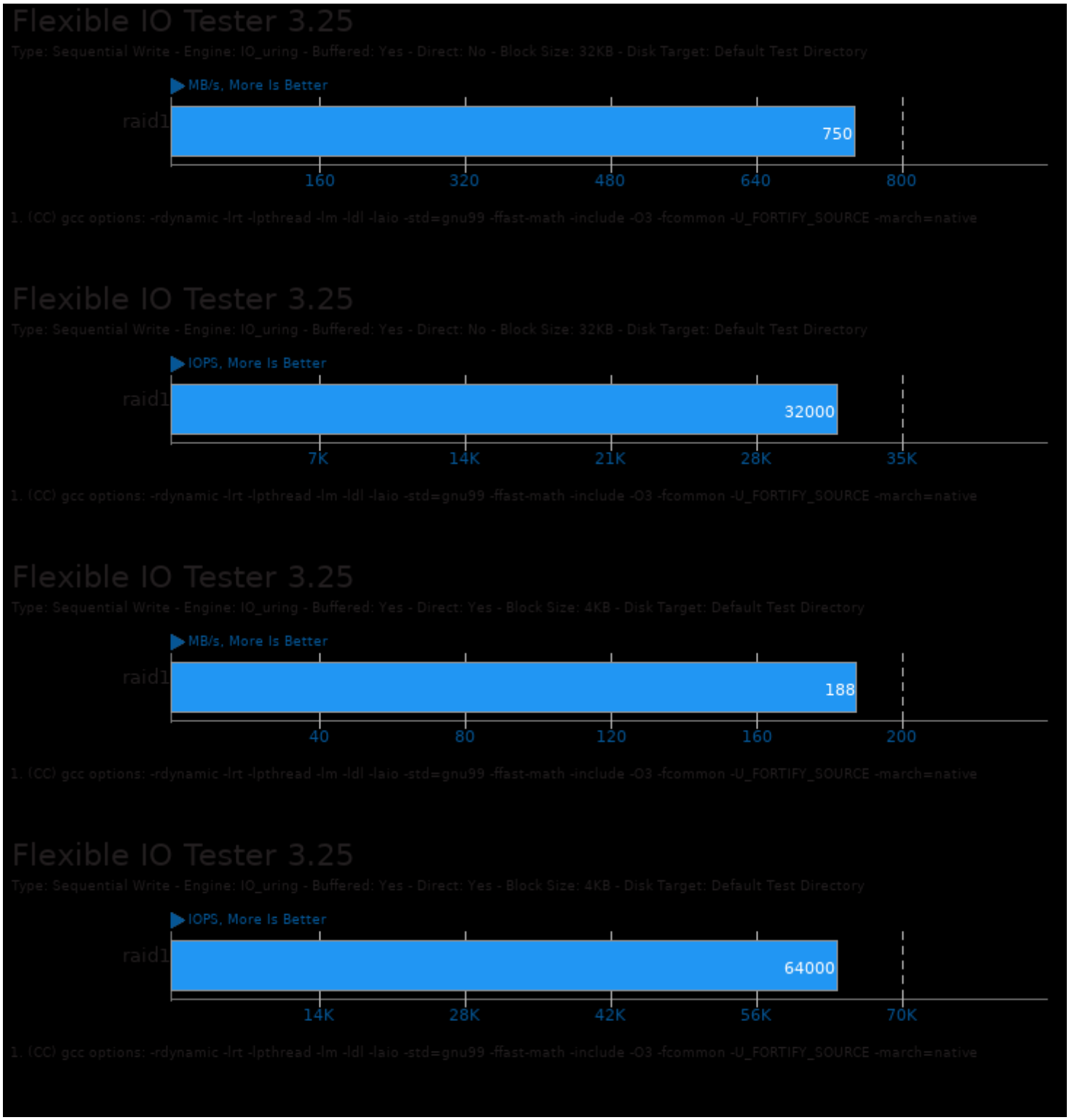

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.28, N = 15
100.1
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2133.33, N = 15
34133
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1

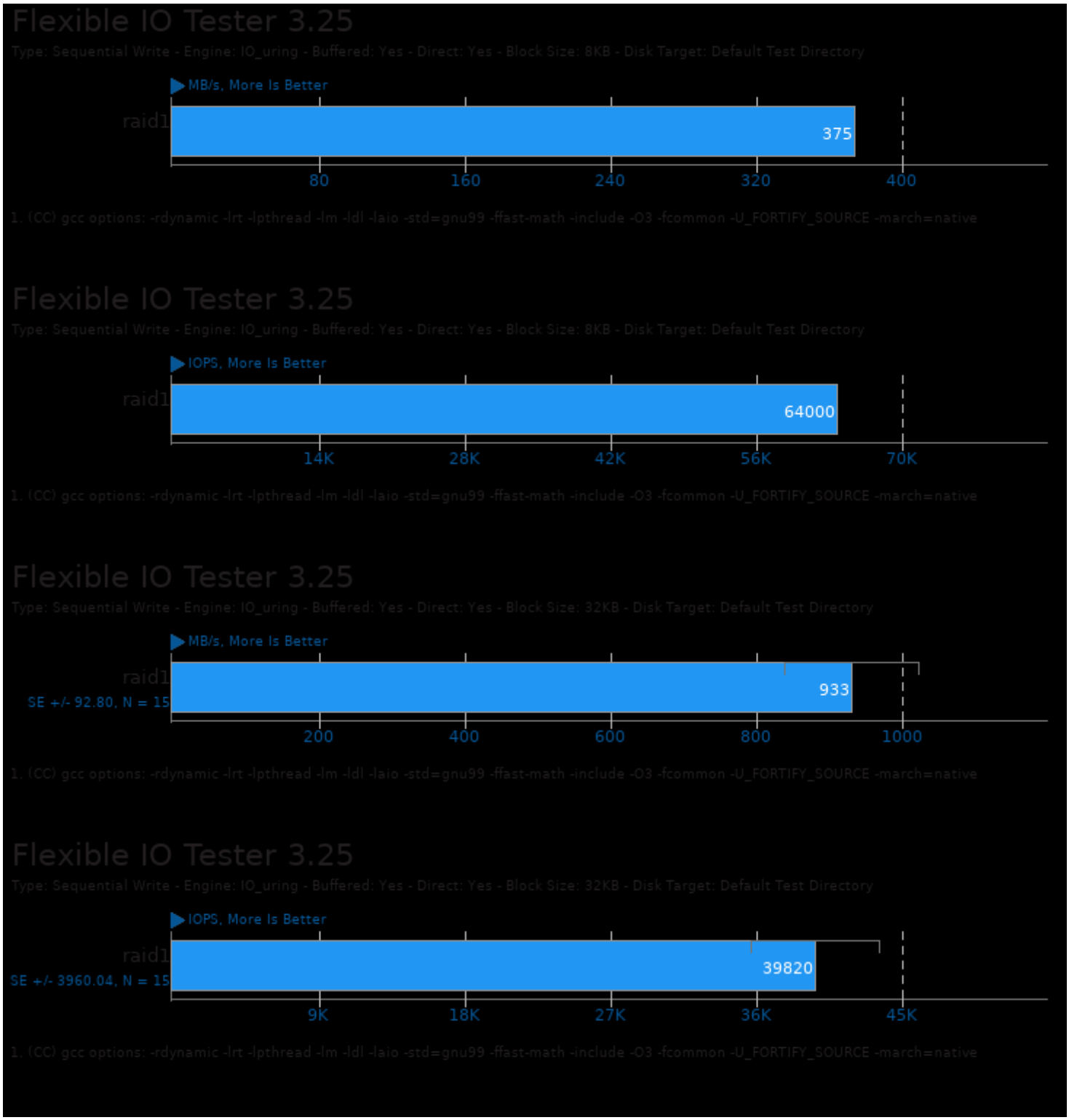

Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

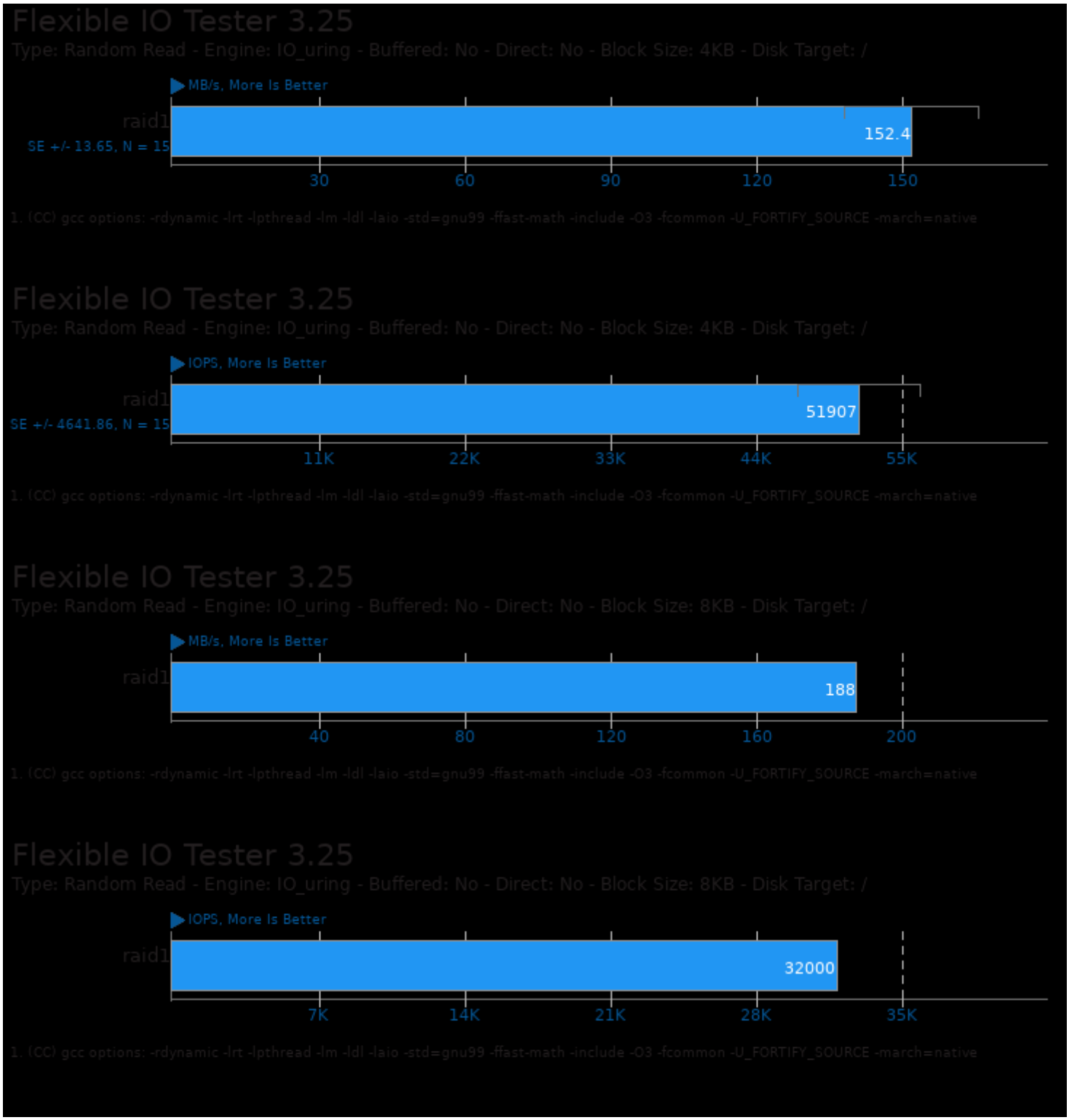
raid1


Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 22.20, N = 15
435
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Read - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 943.03, N = 15
18540
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 37.42, N = 15
670
140
280
420
560
700
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1598.61, N = 15
28580
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
750
160
320
480
640
800
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
32000
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

raid1


Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
375
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
64000
14K
28K
42K
56K
70K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 92.80, N = 15
933
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.25
Type: Sequential Write - Engine: IO_uring - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 3960.04, N = 15
39820
9K
18K
27K
36K
45K
1. (CC) gcc options: -rdynamic -lrt -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native



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