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test-fio

Intel Celeron J3455 testing with a PMB v1.0 (PMB-L03B-Ver-JETWAY BIOS) and Intel HD 500 APL 2 3GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

SanDisk SD9SB8W1

Intel Celeron J3455 #1

1 x 8192 MB DDR3-1600MT

Intel Celeron J3455 #2

Processor: Intel Celeron J3455 @ 2.30GHz (4 Cores), Motherboard: PMB v1.0 (PMB-L03B-Ver-JETWAY BIOS), Chipset: Intel Celeron N3350/Pentium, Memory: 1 x 8192 MB DDR3-1600MT/s Unde KT8GS3EDF, Disk: 128GB SanDisk SD9SB8W1, Graphics: Intel HD 500 APL 2 3GB (750MHz), Audio: Realtek ALC888-VD, Monitor: 1920x1080 + HL163HPW, Network: Intel I211

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OS: Ubuntu 20.04, Kernel: 5.8.0-63-generic (x86_64), Desktop: GNOME Shell 3.36.9, Display Server: X Server, OpenGL: 4.6 Mesa 20.2.6, Vulkan: 1.2.145, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 3840x1080

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
Processor Notes: Scaling Governor: intel_cpufreq ondemand - CPU Microcode: 0x20 - Thermald 1.9.1
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 generic retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	SanDisk SD9SB8W1	Intel Celeron J3455 #1	1 x 8192 MB DDR3-1600MT	Intel Celeron J3455 #2
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 1MB (MB/s)	520			
Standard Deviation	0.2%			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 1MB (IOPS)	517			
Standard Deviation	0.1%			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 2MB (MB/s)	523			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 2MB (IOPS)	258			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4KB (MB/s)	215			
Standard Deviation	7.3%			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4KB (IOPS)	54980			
Standard Deviation	7.3%			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4MB (MB/s)	530			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4MB (IOPS)	129			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 8KB (MB/s)	216			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 8KB (IOPS)	27667			
Standard Deviation	0.2%			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 8MB (MB/s)	520			
Standard Deviation	0.2%			
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 8MB (IOPS)	61			
Standard Deviation	0.9%			

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Flexible IO Tester - Rand Read - Linux 373
AIO - No - Yes - 16KB (MB/s)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 23867
AIO - No - Yes - 16KB (IOPS)
Standard Deviation 0.2%

Flexible IO Tester - Rand Read - Linux 461
AIO - No - Yes - 32KB (MB/s)
Standard Deviation 0.9%

Flexible IO Tester - Rand Read - Linux 14767
AIO - No - Yes - 32KB (IOPS)
Standard Deviation 0.8%

Flexible IO Tester - Rand Read - Linux 499
AIO - No - Yes - 64KB (MB/s)
Standard Deviation 0.2%

Flexible IO Tester - Rand Read - Linux 7979
AIO - No - Yes - 64KB (IOPS)
Standard Deviation 0.2%

Flexible IO Tester - Rand Read - Linux 249
AIO - Yes - Yes - 1MB (MB/s)
Standard Deviation 0.2%

Flexible IO Tester - Rand Read - Linux 245
AIO - Yes - Yes - 1MB (IOPS)

Flexible IO Tester - Rand Read - Linux 254
AIO - Yes - Yes - 2MB (MB/s)

Flexible IO Tester - Rand Read - Linux 123
AIO - Yes - Yes - 2MB (IOPS)

Flexible IO Tester - Rand Read - Linux 27.0
AIO - Yes - Yes - 4KB (MB/s)
Standard Deviation 0.4%

Flexible IO Tester - Rand Read - Linux 6914
AIO - Yes - Yes - 4KB (IOPS)
Standard Deviation 0.5%

Flexible IO Tester - Rand Read - Linux 263
AIO - Yes - Yes - 4MB (MB/s)
Standard Deviation 0.4%

Flexible IO Tester - Rand Read - Linux 62
AIO - Yes - Yes - 4MB (IOPS)

Flexible IO Tester - Rand Read - Linux 43.6
AIO - Yes - Yes - 8KB (MB/s)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 5572
AIO - Yes - Yes - 8KB (IOPS)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 314
AIO - Yes - Yes - 8MB (MB/s)
Standard Deviation 0.5%

Flexible IO Tester - Rand Read - Linux 36
AIO - Yes - Yes - 8MB (IOPS)
Standard Deviation 1.6%

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Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 1MB (MB/s)	163
Standard Deviation	24.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 1MB (IOPS)	159
Standard Deviation	25%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 2MB (MB/s)	115.6
Standard Deviation	20.1%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 2MB (IOPS)	54
Standard Deviation	21.3%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB (MB/s)	92.0
Standard Deviation	16.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB (IOPS)	23507
Standard Deviation	16.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4MB (MB/s)	125.8
Standard Deviation	17.5%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4MB (IOPS)	28
Standard Deviation	20.1%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 8KB (MB/s)	90.4
Standard Deviation	18%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 8KB (IOPS)	11577
Standard Deviation	17.8%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 8MB (MB/s)	132
Standard Deviation	14.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 8MB (IOPS)	13
Standard Deviation	19%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 128KB (MB/s)	532
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 128KB (IOPS)	4248
Standard Deviation	0%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 256KB (MB/s)	512
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 256KB (IOPS)	2045
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 512KB (MB/s)	518
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 512KB (IOPS)	1032

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Flexible IO Tester - Rand Read - Linux 69.5
AIO - Yes - Yes - 16KB (MB/s)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 4447
AIO - Yes - Yes - 16KB (IOPS)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 112
AIO - Yes - Yes - 32KB (MB/s)

Flexible IO Tester - Rand Read - Linux 3573
AIO - Yes - Yes - 32KB (IOPS)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 168
AIO - Yes - Yes - 64KB (MB/s)
Standard Deviation 0.3%

Flexible IO Tester - Rand Read - Linux 2681
AIO - Yes - Yes - 64KB (IOPS)
Standard Deviation 0.3%

Flexible IO Tester - Rand Write - Linux 138.8
AIO - No - Yes - 16KB (MB/s)
Standard Deviation 29.7%

Flexible IO Tester - Rand Write - Linux 8882
AIO - No - Yes - 16KB (IOPS)
Standard Deviation 29.6%

Flexible IO Tester - Rand Write - Linux 138.0
AIO - No - Yes - 32KB (MB/s)
Standard Deviation 24.9%

Flexible IO Tester - Rand Write - Linux 4415
AIO - No - Yes - 32KB (IOPS)
Standard Deviation 25%

Flexible IO Tester - Rand Write - Linux 178
AIO - No - Yes - 64KB (MB/s)
Standard Deviation 22.1%

Flexible IO Tester - Rand Write - Linux 2847
AIO - No - Yes - 64KB (IOPS)
Standard Deviation 22.2%

Flexible IO Tester - Rand Write - Linux 171
AIO - Yes - Yes - 1MB (MB/s)
Standard Deviation 15.1%

Flexible IO Tester - Rand Write - Linux 168
AIO - Yes - Yes - 1MB (IOPS)
Standard Deviation 15.4%

Flexible IO Tester - Rand Write - Linux 173
AIO - Yes - Yes - 2MB (MB/s)
Standard Deviation 15.8%

Flexible IO Tester - Rand Write - Linux 83
AIO - Yes - Yes - 2MB (IOPS)
Standard Deviation 16.1%

Flexible IO Tester - Rand Write - Linux 131
AIO - Yes - Yes - 4KB (MB/s)
Standard Deviation 10.5%

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Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4KB (IOPS)	33700
Standard Deviation	10.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4MB (MB/s)	180
Standard Deviation	11.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4MB (IOPS)	42
Standard Deviation	12.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 8KB (MB/s)	166
Standard Deviation	10.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 8KB (IOPS)	21267
Standard Deviation	10.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 8MB (MB/s)	194
Standard Deviation	17.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 8MB (IOPS)	21
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 128KB (MB/s)	226
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 128KB (IOPS)	1806
Standard Deviation	0.1%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 256KB (MB/s)	192
Standard Deviation	0.6%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 256KB (IOPS)	765
Standard Deviation	0.7%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 512KB (MB/s)	221
Standard Deviation	0.3%
Flexible IO Tester - Rand Read - Linux AIO - Yes - Yes - 512KB (IOPS)	439
Standard Deviation	0.3%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 128KB (MB/s)	183
Standard Deviation	26.6%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 128KB (IOPS)	1458
Standard Deviation	26.6%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 256KB (MB/s)	134.9
Standard Deviation	23.2%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 256KB (IOPS)	536
Standard Deviation	23.2%

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Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 512KB (MB/s)	102.5
Standard Deviation	24.2%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 512KB (IOPS)	202
Standard Deviation	24.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 16KB (MB/s)	147
Standard Deviation	17.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 16KB (IOPS)	9435
Standard Deviation	17.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 32KB (MB/s)	167
Standard Deviation	12.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 32KB (IOPS)	5337
Standard Deviation	12.2%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 64KB (MB/s)	169
Standard Deviation	8.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 64KB (IOPS)	2698
Standard Deviation	8.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 128KB (MB/s)	188
Standard Deviation	16.2%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 128KB (IOPS)	1496
Standard Deviation	16.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 256KB (MB/s)	180
Standard Deviation	14.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 256KB (IOPS)	716
Standard Deviation	14.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 512KB (MB/s)	172
Standard Deviation	9.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 512KB (IOPS)	340
Standard Deviation	9.6%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 1MB (MB/s)	514
Standard Deviation	0.4%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 1MB (IOPS)	511
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 2MB (MB/s)	517
Standard Deviation	0.4%

Flexible IO Tester - Seq Read - Linux 255
AIO - No - Yes - 2MB (IOPS)
Standard Deviation 0.5%

Flexible IO Tester - Seq Read - Linux 215
AIO - No - Yes - 4KB (MB/s)
Standard Deviation 5.5%

Flexible IO Tester - Seq Read - Linux 55108
AIO - No - Yes - 4KB (IOPS)
Standard Deviation 5.5%

Flexible IO Tester - Seq Read - Linux 525
AIO - No - Yes - 4MB (MB/s)
Standard Deviation 0.7%

Flexible IO Tester - Seq Read - Linux 128
AIO - No - Yes - 4MB (IOPS)

Flexible IO Tester - Seq Read - Linux 336
AIO - No - Yes - 8KB (MB/s)
Standard Deviation 5.8%

Flexible IO Tester - Seq Read - Linux 42900
AIO - No - Yes - 8KB (IOPS)
Standard Deviation 6%

Flexible IO Tester - Seq Read - Linux 534
AIO - No - Yes - 8MB (MB/s)
Standard Deviation 0.9%

Flexible IO Tester - Seq Read - Linux 63
AIO - No - Yes - 8MB (IOPS)

Flexible IO Tester - Seq Read - Linux 386
AIO - No - Yes - 16KB (MB/s)
Standard Deviation 1%

Flexible IO Tester - Seq Read - Linux 24367
AIO - No - Yes - 16KB (IOPS)
Standard Deviation 1.4%

Flexible IO Tester - Seq Read - Linux 432
AIO - No - Yes - 32KB (MB/s)
Standard Deviation 1.2%

Flexible IO Tester - Seq Read - Linux 13533
AIO - No - Yes - 32KB (IOPS)
Standard Deviation 3.5%

Flexible IO Tester - Seq Read - Linux 481
AIO - No - Yes - 64KB (MB/s)
Standard Deviation 0.8%

Flexible IO Tester - Seq Read - Linux 7698
AIO - No - Yes - 64KB (IOPS)
Standard Deviation 0.8%

Flexible IO Tester - Seq Read - Linux 489
AIO - Yes - Yes - 1MB (MB/s)

Flexible IO Tester - Seq Read - Linux 486
AIO - Yes - Yes - 1MB (IOPS)

Flexible IO Tester - Seq Read - Linux 490
AIO - Yes - Yes - 2MB (MB/s)
Standard Deviation 1.3%

Flexible IO Tester - Seq Read - Linux 241
AIO - Yes - Yes - 2MB (IOPS)
Standard Deviation 1.2%

Flexible IO Tester - Seq Read - Linux 453
AIO - Yes - Yes - 4KB (MB/s)
Standard Deviation 2.4%

Flexible IO Tester - Seq Read - Linux 116000
AIO - Yes - Yes - 4KB (IOPS)
Standard Deviation 2.3%

Flexible IO Tester - Seq Read - Linux 484
AIO - Yes - Yes - 4MB (MB/s)
Standard Deviation 0.9%

Flexible IO Tester - Seq Read - Linux 117
AIO - Yes - Yes - 4MB (IOPS)
Standard Deviation 1.3%

Flexible IO Tester - Seq Read - Linux 482
AIO - Yes - Yes - 8KB (MB/s)
Standard Deviation 2.4%

Flexible IO Tester - Seq Read - Linux 61657
AIO - Yes - Yes - 8KB (IOPS)
Standard Deviation 2.5%

Flexible IO Tester - Seq Read - Linux 507
AIO - Yes - Yes - 8MB (MB/s)
Standard Deviation 0.3%

Flexible IO Tester - Seq Read - Linux 60
AIO - Yes - Yes - 8MB (IOPS)
Standard Deviation 1%

Flexible IO Tester - Seq Write - Linux 215
AIO - No - Yes - 1MB (MB/s)
Standard Deviation 31.8%

Flexible IO Tester - Seq Write - Linux 211
AIO - No - Yes - 1MB (IOPS)
Standard Deviation 32.3%

Flexible IO Tester - Seq Write - Linux 206
AIO - No - Yes - 2MB (MB/s)
Standard Deviation 38.3%

Flexible IO Tester - Seq Write - Linux 99
AIO - No - Yes - 2MB (IOPS)
Standard Deviation 39.7%

Flexible IO Tester - Seq Write - Linux 120
AIO - No - Yes - 4KB (MB/s)
Standard Deviation 3.8%

Flexible IO Tester - Seq Write - Linux 30653
AIO - No - Yes - 4KB (IOPS)
Standard Deviation 3.7%

Flexible IO Tester - Seq Write - Linux 226
AIO - No - Yes - 4MB (MB/s)
Standard Deviation 15.4%

Flexible IO Tester - Seq Write - Linux 53
AIO - No - Yes - 4MB (IOPS)
Standard Deviation 16.6%

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Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 8KB (MB/s) 138

Standard Deviation 18.7%

Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 8KB (IOPS) 17608

Standard Deviation 19.2%

Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 8MB (MB/s) 222

Standard Deviation 18%

Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 8MB (IOPS) 24

Standard Deviation 21.1%

Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 128KB (MB/s) 507

Standard Deviation 0.6%

Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 128KB (IOPS) 4056

Standard Deviation 0.6%

Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 256KB (MB/s) 497

Standard Deviation 0.1%

Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 256KB (IOPS) 1982

Standard Deviation 0.1%

Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 512KB (MB/s) 513

Standard Deviation 0.5%

Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 512KB (IOPS) 1023

Standard Deviation 0.5%

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 16KB (MB/s) 488

Standard Deviation 1%

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 16KB (IOPS) 31200

Standard Deviation 0.8%

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 32KB (MB/s) 492

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 32KB (IOPS) 15700

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 64KB (MB/s) 481

Standard Deviation 1.5%

Flexible IO Tester - Seq Read - Linux AIO - Yes - Yes - 64KB (IOPS) 7698

Standard Deviation 1.5%

Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 16KB (MB/s) 211

Standard Deviation 18.8%

Flexible IO Tester - Seq Write - Linux 13412
AIO - No - Yes - 16KB (IOPS)
Standard Deviation 19.5%

Flexible IO Tester - Seq Write - Linux 249
AIO - No - Yes - 32KB (MB/s)
Standard Deviation 14.3%

Flexible IO Tester - Seq Write - Linux 7962
AIO - No - Yes - 32KB (IOPS)
Standard Deviation 14.3%

Flexible IO Tester - Seq Write - Linux 264
AIO - No - Yes - 64KB (MB/s)
Standard Deviation 2.3%

Flexible IO Tester - Seq Write - Linux 4228
AIO - No - Yes - 64KB (IOPS)
Standard Deviation 2.3%

Flexible IO Tester - Seq Write - Linux 176
AIO - Yes - Yes - 1MB (MB/s)
Standard Deviation 23.5%

Flexible IO Tester - Seq Write - Linux 173
AIO - Yes - Yes - 1MB (IOPS)
Standard Deviation 23.8%

Flexible IO Tester - Seq Write - Linux 170
AIO - Yes - Yes - 2MB (MB/s)
Standard Deviation 18.3%

Flexible IO Tester - Seq Write - Linux 81
AIO - Yes - Yes - 2MB (IOPS)
Standard Deviation 19.1%

Flexible IO Tester - Seq Write - Linux 147
AIO - Yes - Yes - 4KB (MB/s)
Standard Deviation 9.3%

Flexible IO Tester - Seq Write - Linux 37533
AIO - Yes - Yes - 4KB (IOPS)
Standard Deviation 9.1%

Flexible IO Tester - Seq Write - Linux 187
AIO - Yes - Yes - 4MB (MB/s)
Standard Deviation 22.6%

Flexible IO Tester - Seq Write - Linux 43
AIO - Yes - Yes - 4MB (IOPS)
Standard Deviation 24.2%

Flexible IO Tester - Seq Write - Linux 156
AIO - Yes - Yes - 8KB (MB/s)
Standard Deviation 15.3%

Flexible IO Tester - Seq Write - Linux 19900
AIO - Yes - Yes - 8KB (IOPS)
Standard Deviation 15.9%

Flexible IO Tester - Seq Write - Linux 193
AIO - Yes - Yes - 8MB (MB/s)
Standard Deviation 17.1%

Flexible IO Tester - Seq Write - Linux 21
AIO - Yes - Yes - 8MB (IOPS)
Standard Deviation 19.5%

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Flexible IO Tester - Seq Read - Linux 489
AIO - Yes - Yes - 128KB (MB/s)

Flexible IO Tester - Seq Read - Linux 3905
AIO - Yes - Yes - 128KB (IOPS)

Standard Deviation 0.2%

Flexible IO Tester - Seq Read - Linux 480
AIO - Yes - Yes - 256KB (MB/s)

Standard Deviation 0.8%

Flexible IO Tester - Seq Read - Linux 1914
AIO - Yes - Yes - 256KB (IOPS)

Standard Deviation 0.8%

Flexible IO Tester - Seq Read - Linux 475
AIO - Yes - Yes - 512KB (MB/s)

Standard Deviation 0.5%

Flexible IO Tester - Seq Read - Linux 946
AIO - Yes - Yes - 512KB (IOPS)

Standard Deviation 0.4%

Flexible IO Tester - Seq Write - Linux 301
AIO - No - Yes - 128KB (MB/s)

Standard Deviation 21.7%

Flexible IO Tester - Seq Write - Linux 2402
AIO - No - Yes - 128KB (IOPS)

Standard Deviation 21.7%

Flexible IO Tester - Seq Write - Linux 207
AIO - No - Yes - 256KB (MB/s)

Standard Deviation 38.6%

Flexible IO Tester - Seq Write - Linux 823
AIO - No - Yes - 256KB (IOPS)

Standard Deviation 38.9%

Flexible IO Tester - Seq Write - Linux 259
AIO - No - Yes - 512KB (MB/s)

Standard Deviation 26.7%

Flexible IO Tester - Seq Write - Linux 515
AIO - No - Yes - 512KB (IOPS)

Standard Deviation 26.9%

Flexible IO Tester - Seq Write - Linux 173
AIO - Yes - Yes - 16KB (MB/s)

Standard Deviation 21.5%

Flexible IO Tester - Seq Write - Linux 11051
AIO - Yes - Yes - 16KB (IOPS)

Standard Deviation 21.4%

Flexible IO Tester - Seq Write - Linux 160
AIO - Yes - Yes - 32KB (MB/s)

Standard Deviation 15.1%

Flexible IO Tester - Seq Write - Linux 5127
AIO - Yes - Yes - 32KB (IOPS)

Standard Deviation 15.1%

Flexible IO Tester - Seq Write - Linux 161
AIO - Yes - Yes - 64KB (MB/s)

Standard Deviation 18.9%

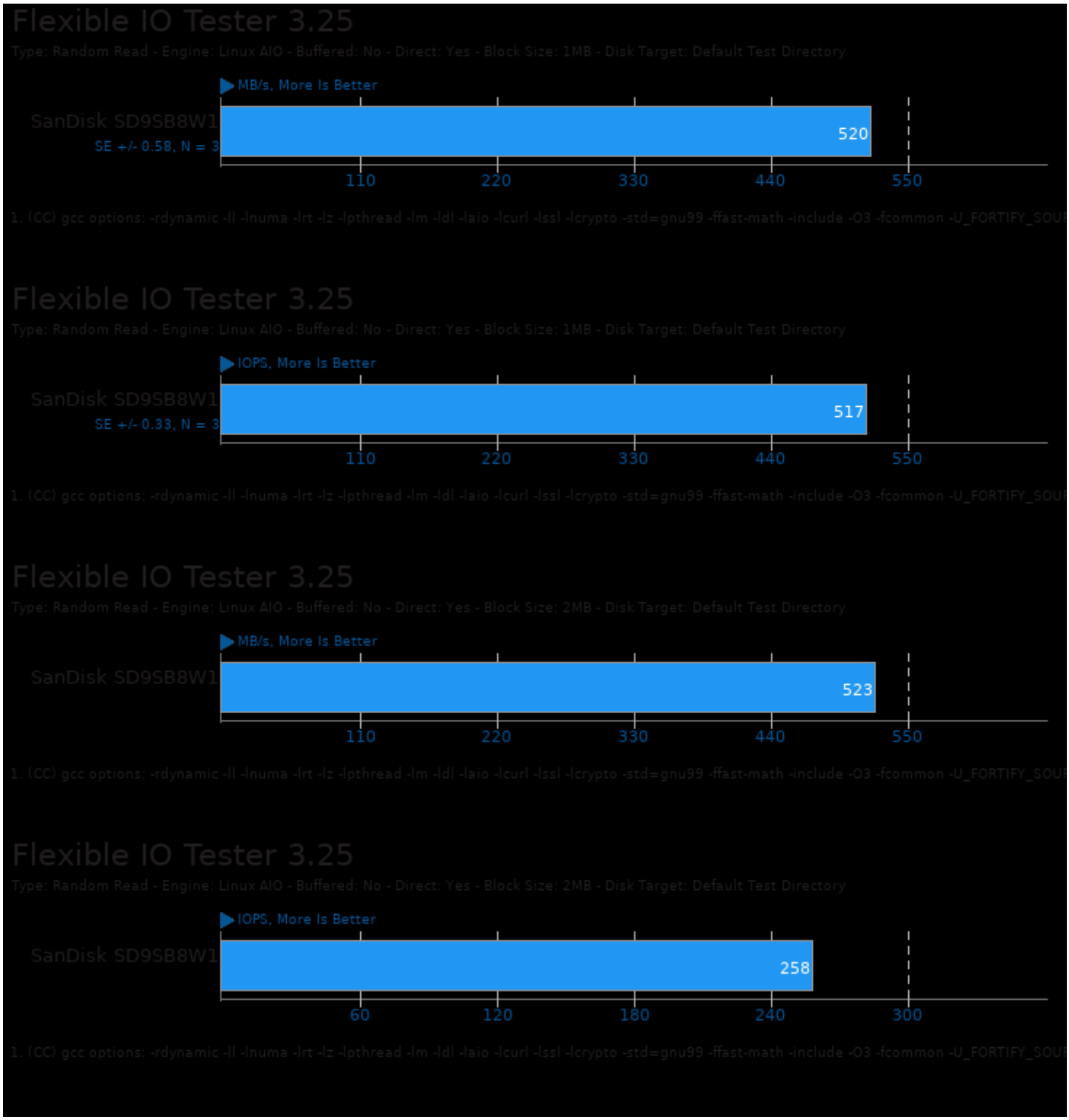
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Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 64KB (IOPS)	2582		
Standard Deviation	18.9%		
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 128KB (MB/s)	173		
Standard Deviation	19.7%		
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 128KB (IOPS)	1378		
Standard Deviation	19.8%		
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 256KB (MB/s)	161		
Standard Deviation	21.9%		
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 256KB (IOPS)	641		
Standard Deviation	22%		
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 512KB (MB/s)	166		
Standard Deviation	19.1%		
Flexible IO Tester - Seq Write - Linux AIO - Yes - Yes - 512KB (IOPS)	328		
Standard Deviation	19.3%		
Himeno Benchmark - P.P.S (MFLOPS)		1197	
Standard Deviation		0.1%	
RAMspeed SMP - Add - Integer (MB/s)			6971
Standard Deviation			3.3%
RAMspeed SMP - Copy - Integer			6257
Standard Deviation			0.3%
RAMspeed SMP - Scale - Integer			6238
Standard Deviation			0.4%
RAMspeed SMP - Triad - Integer			7076
Standard Deviation			0.5%
RAMspeed SMP - Average - Integer (MB/s)			6673
Standard Deviation			0.1%
RAMspeed SMP - Add - Floating Point (MB/s)			7033
Standard Deviation			0.4%
RAMspeed SMP - Copy - Floating Point (MB/s)			6355
Standard Deviation			0.3%
RAMspeed SMP - Scale - Floating Point (MB/s)			6282
Standard Deviation			0.2%
RAMspeed SMP - Triad - Floating Point (MB/s)			7075
Standard Deviation			0.3%
RAMspeed SMP - Average - Floating Point (MB/s)			6681
Standard Deviation			0.1%
SciMark - Composite (Mflops)		188.21	
Standard Deviation		0.7%	

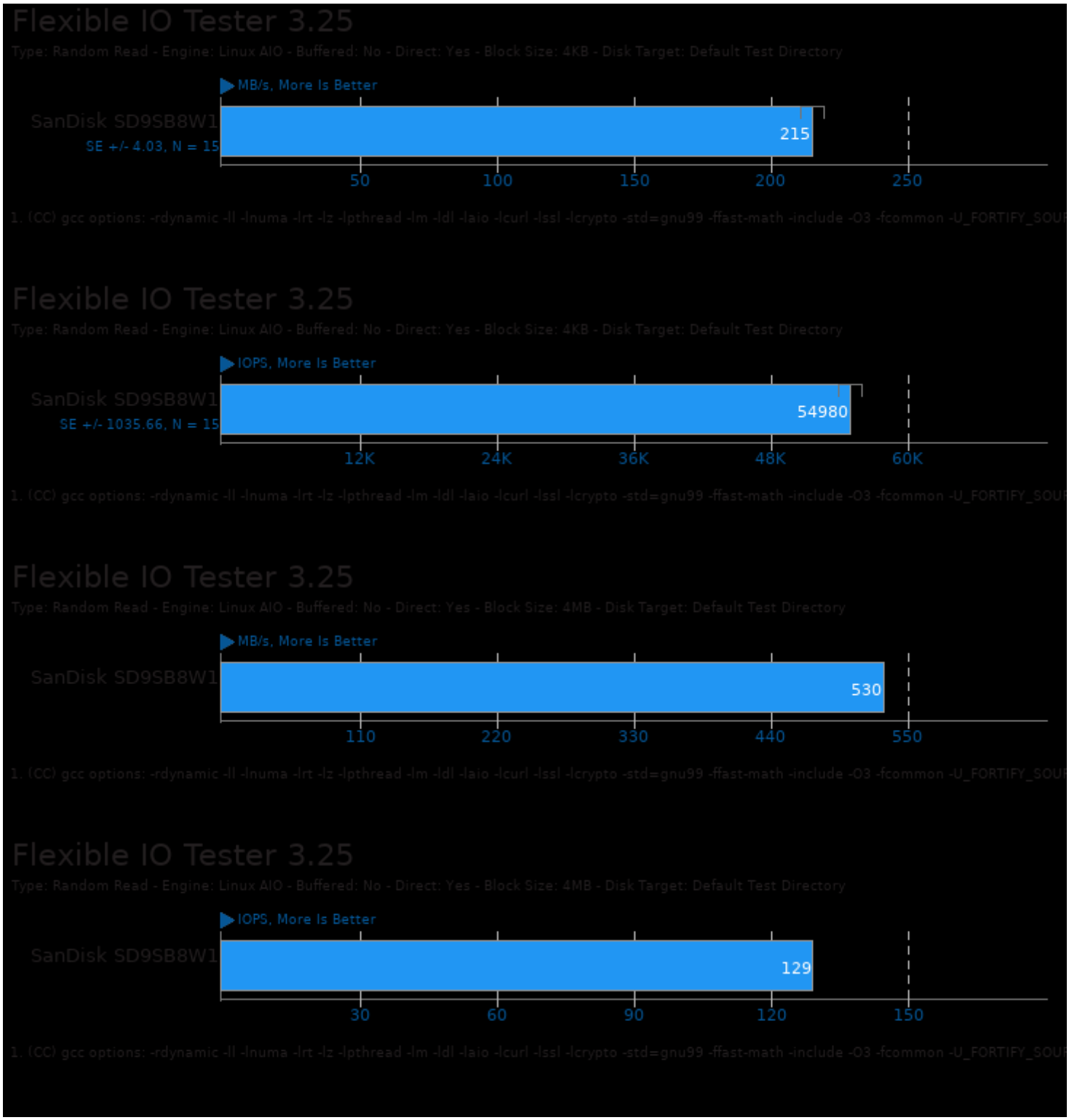
test-fio

SciMark - Monte Carlo (Mflops)	55.26
Standard Deviation	0.4%
SciMark - F.F.T (Mflops)	41.39
Standard Deviation	2.9%
SciMark - S.M.M (Mflops)	208.52
Standard Deviation	1.5%
SciMark - D.L.M.F (Mflops)	189.26
Standard Deviation	1.1%
SciMark - J.S.O.R (Mflops)	446.64
Standard Deviation	0.7%

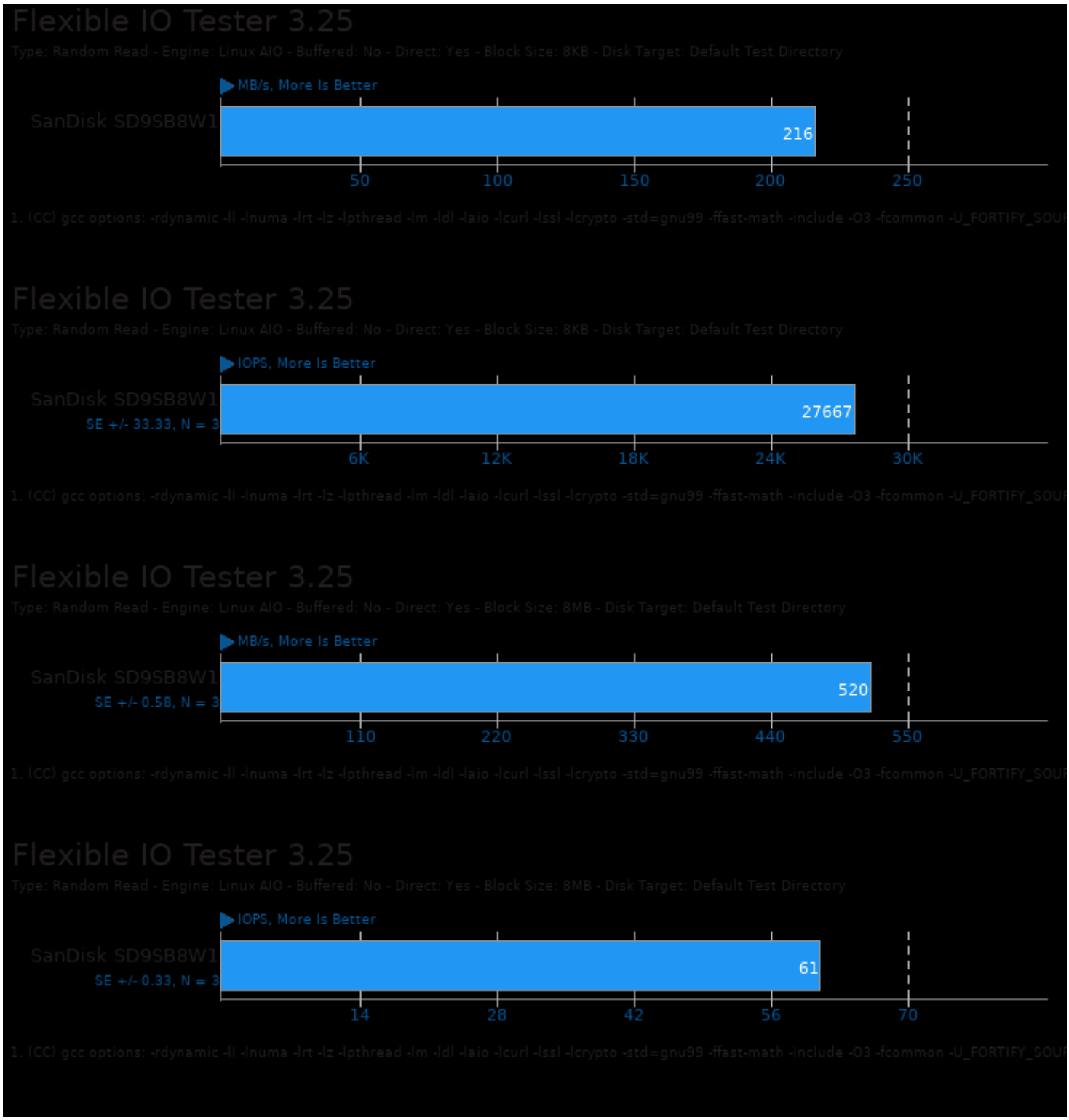
test-fio


Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.58, N = 3
520
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
517
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
523
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
258
60
120
180
240
300
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

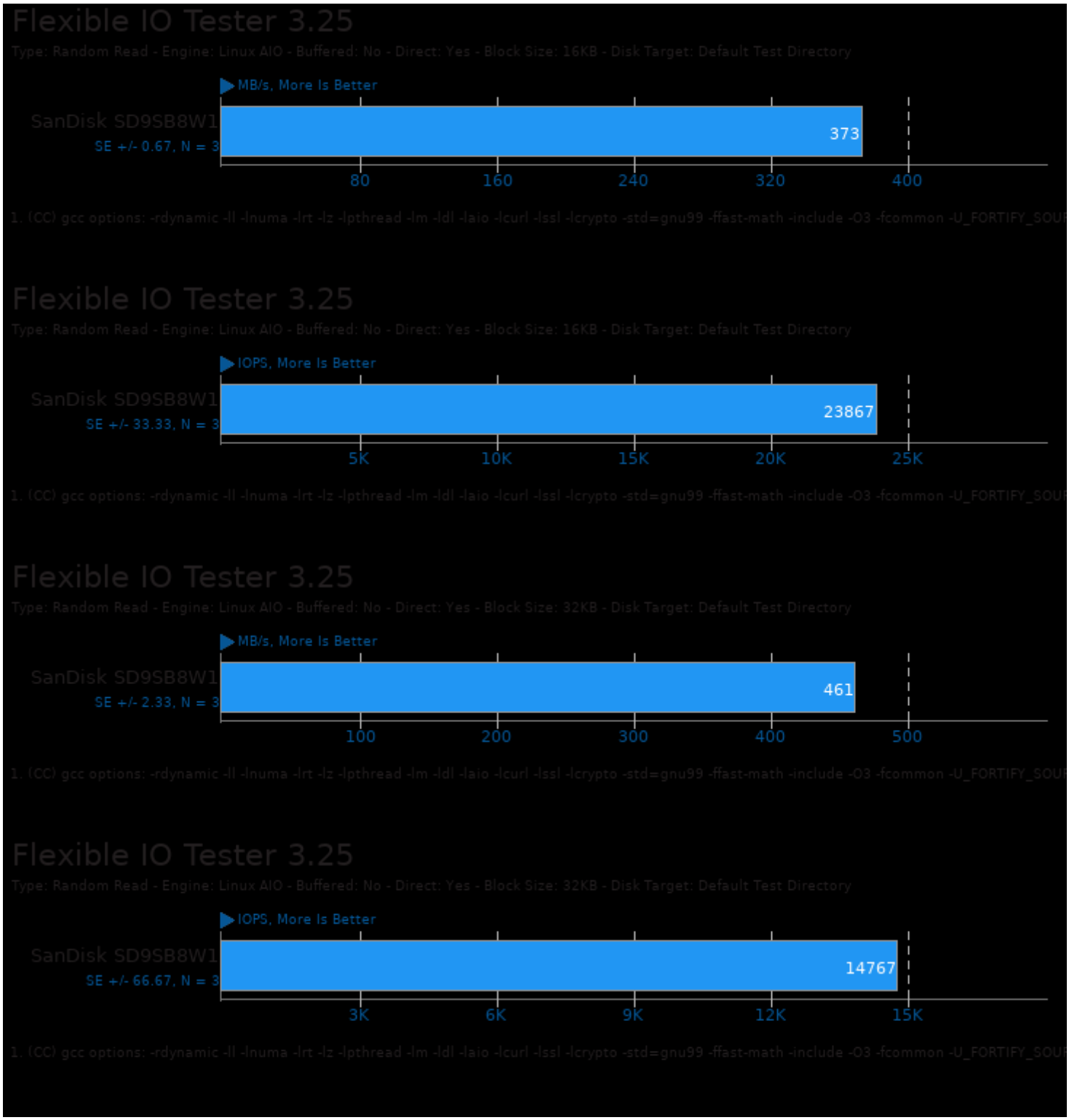
test-fio


Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 4.03, N = 15
215
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1035.66, N = 15
54980
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
530
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
129
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

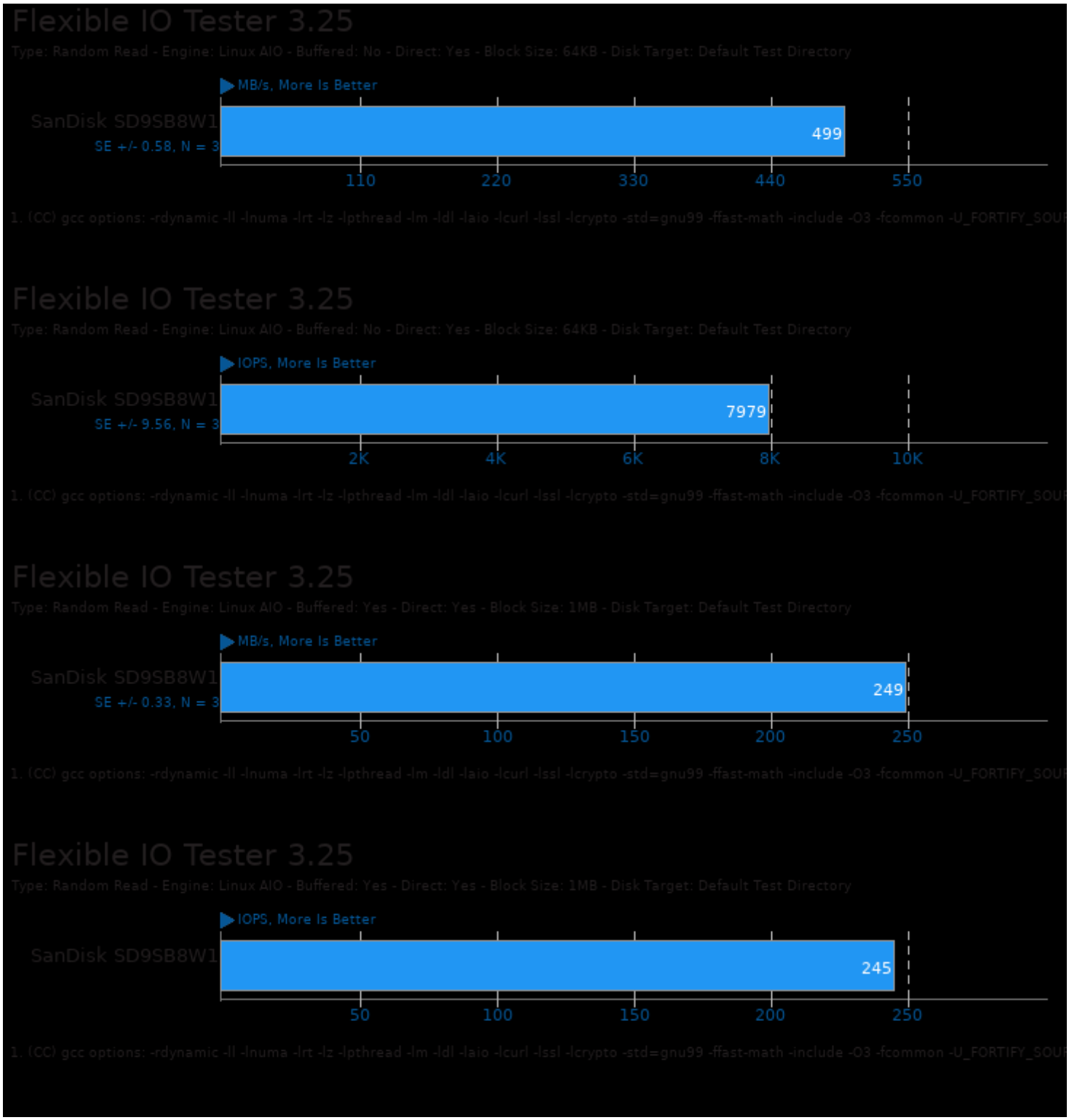
test-fio

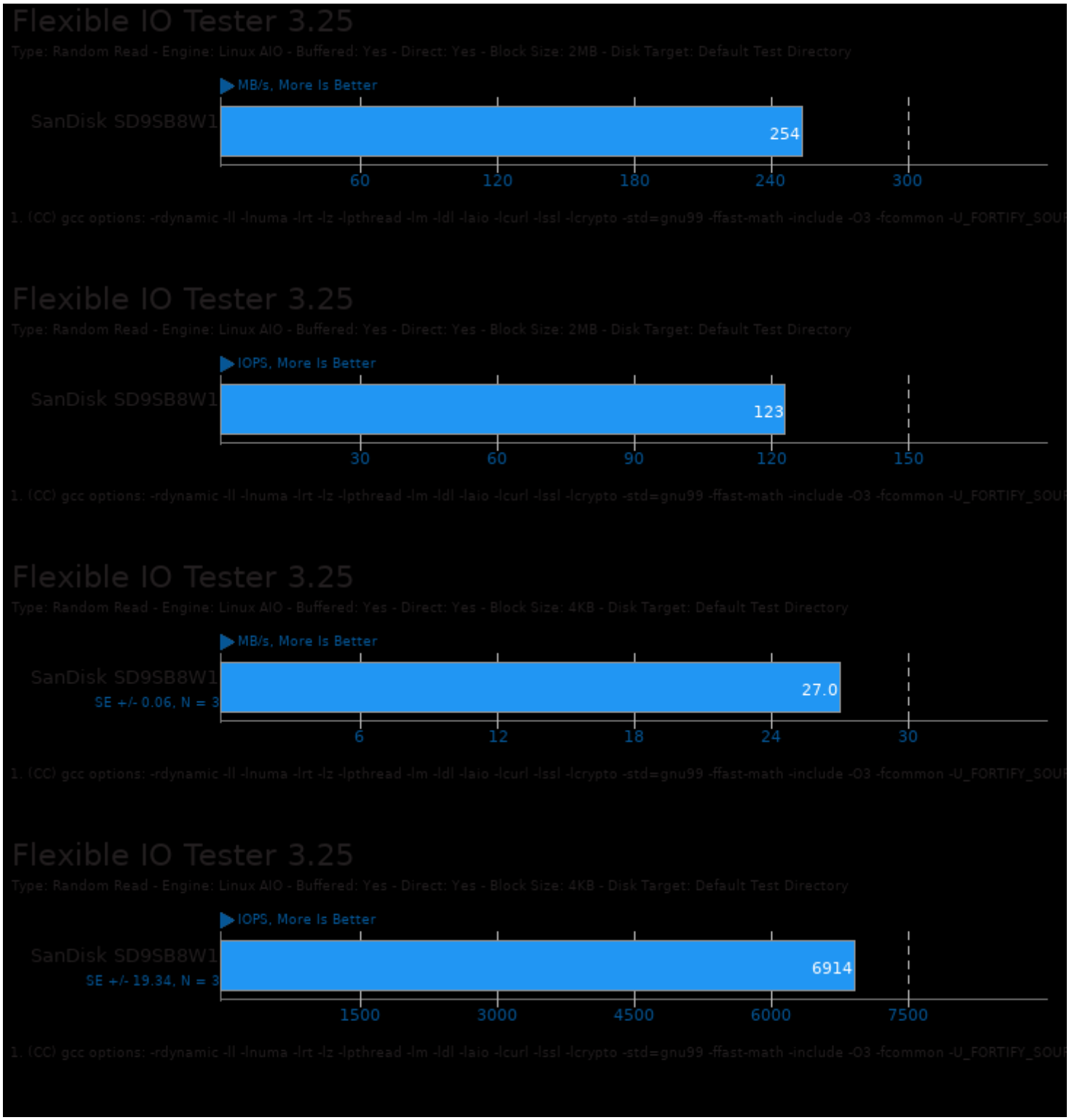

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
216
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 33.33, N = 3
27667
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.58, N = 3
520
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
61
14
28
42
56
70
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

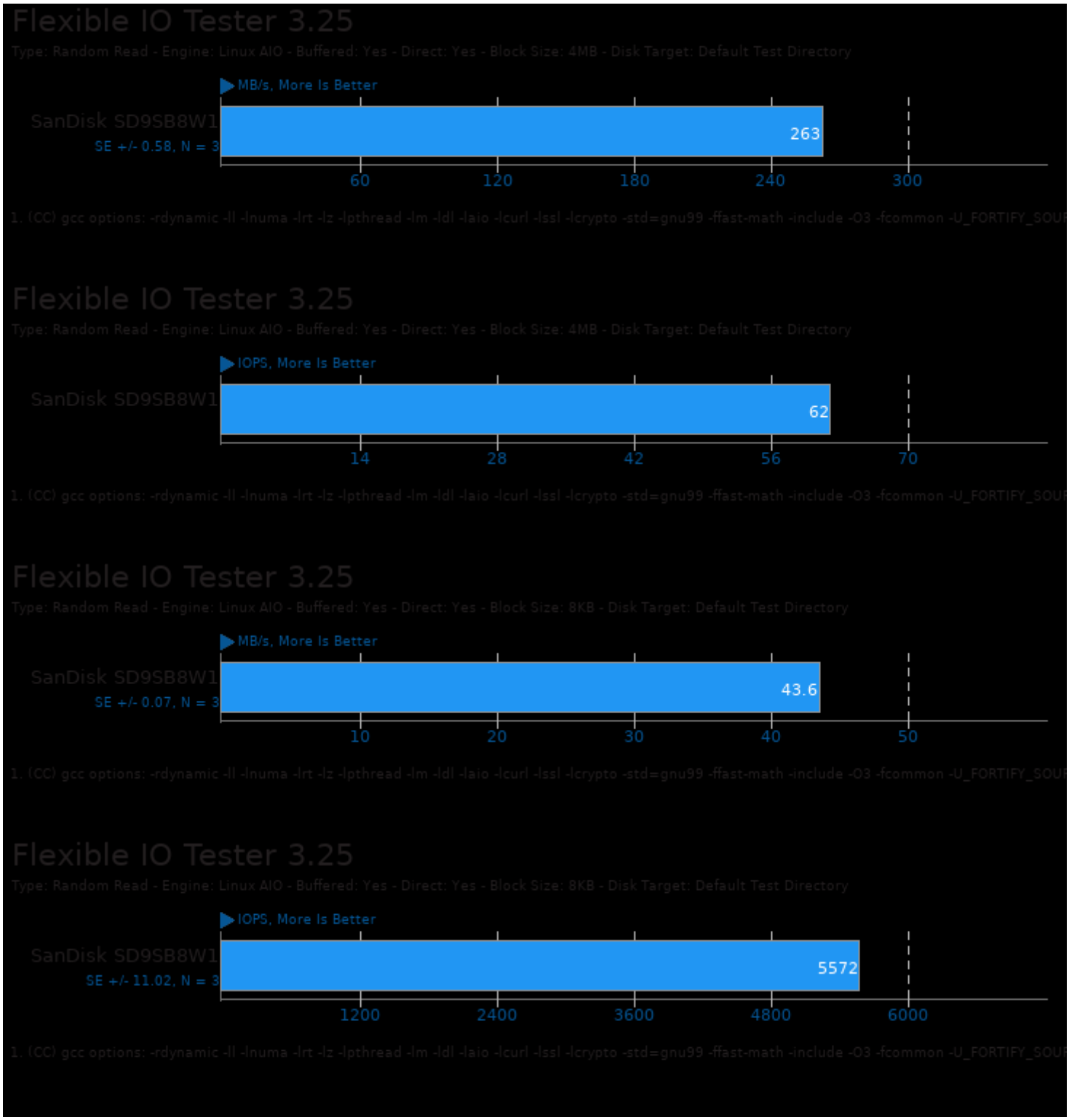

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.67, N = 3
373
80
160
240
320
400
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 33.33, N = 3
23867
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.33, N = 3
461
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 66.67, N = 3
14767
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

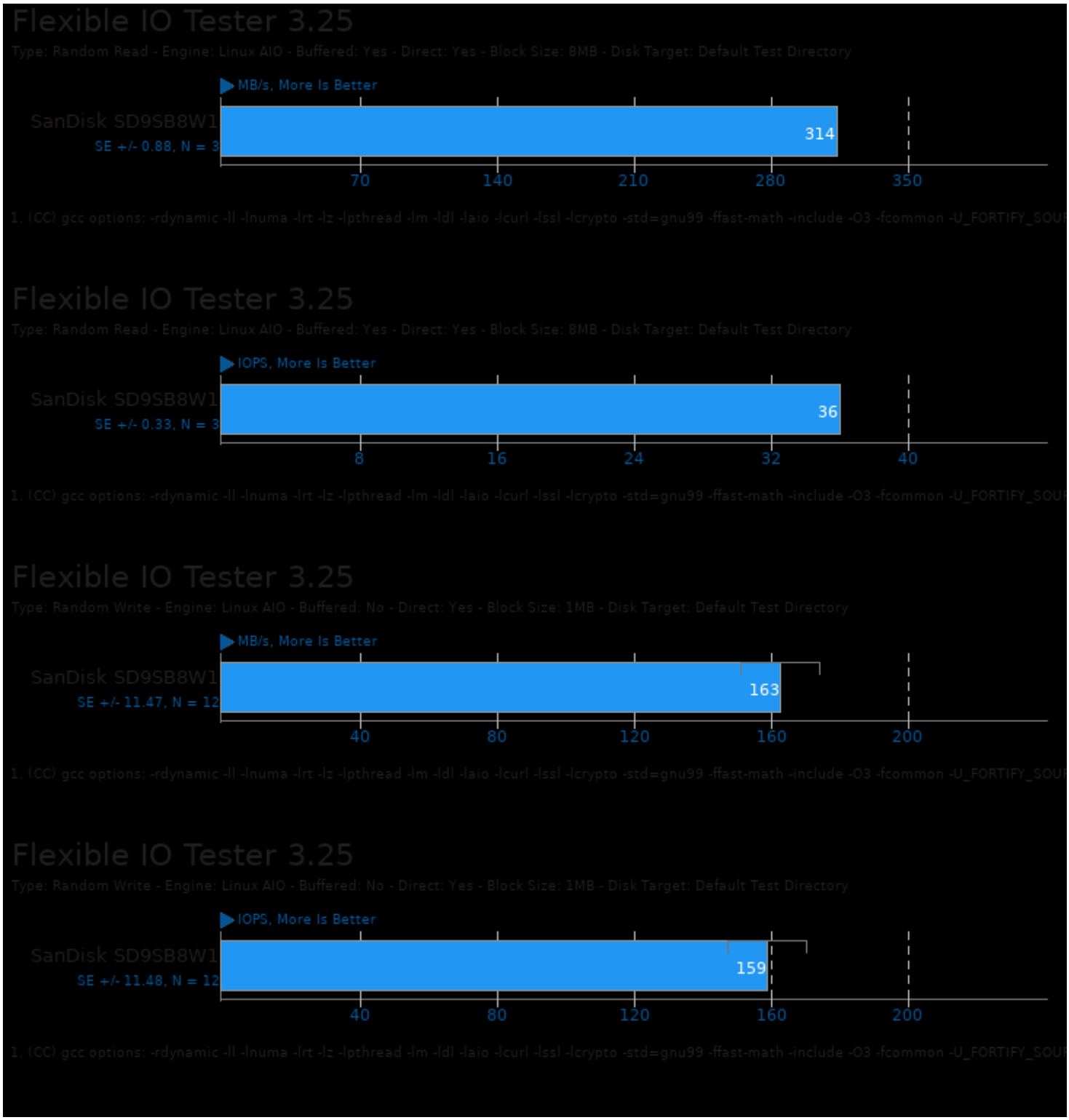
test-fio


Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.58, N = 3
499
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 9.56, N = 3
7979
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
249
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
245
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

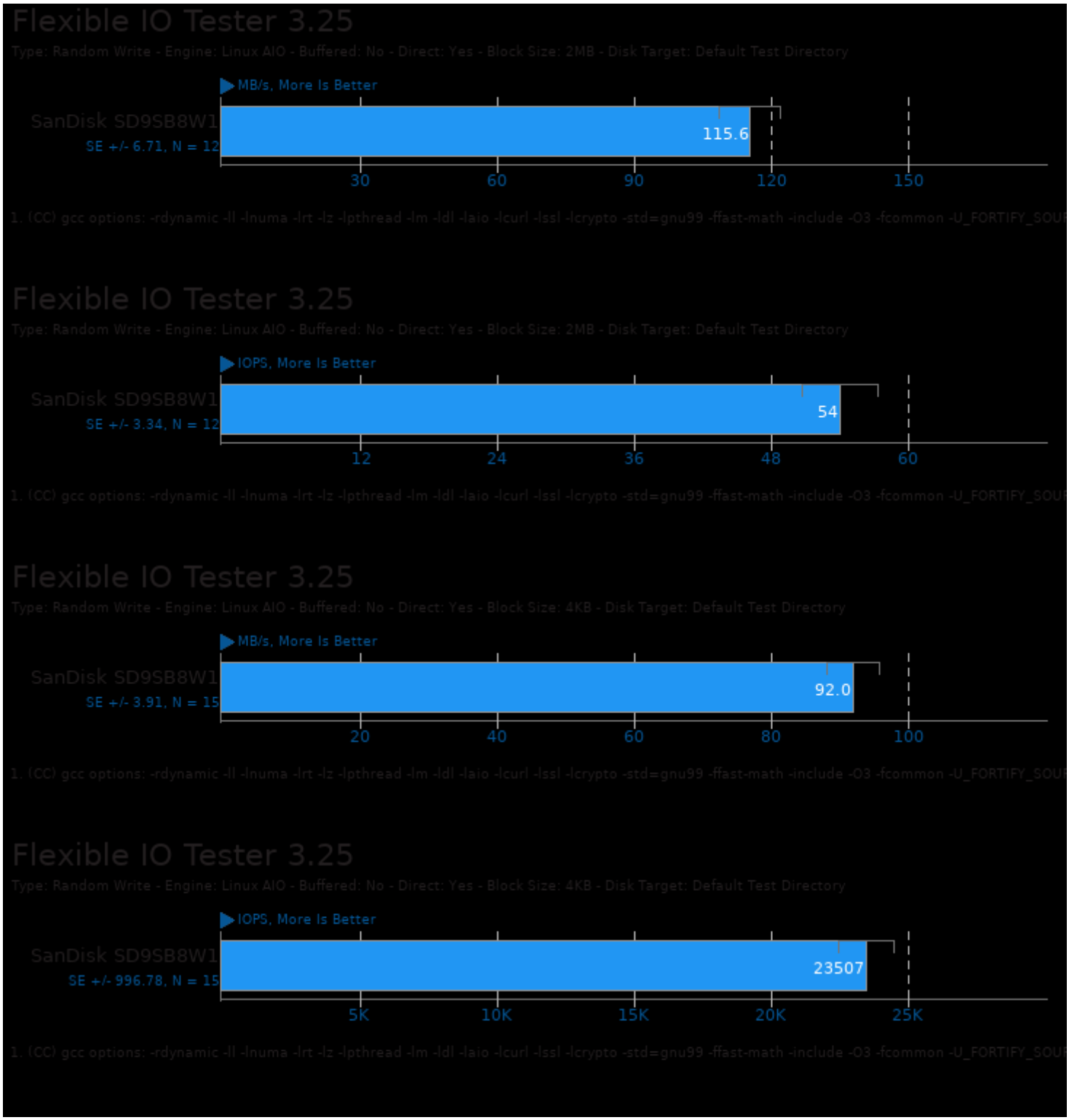

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
254
60
120
180
240
300
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
123
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.06, N = 3
27.0
6
12
18
24
30
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 19.34, N = 3
6914
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

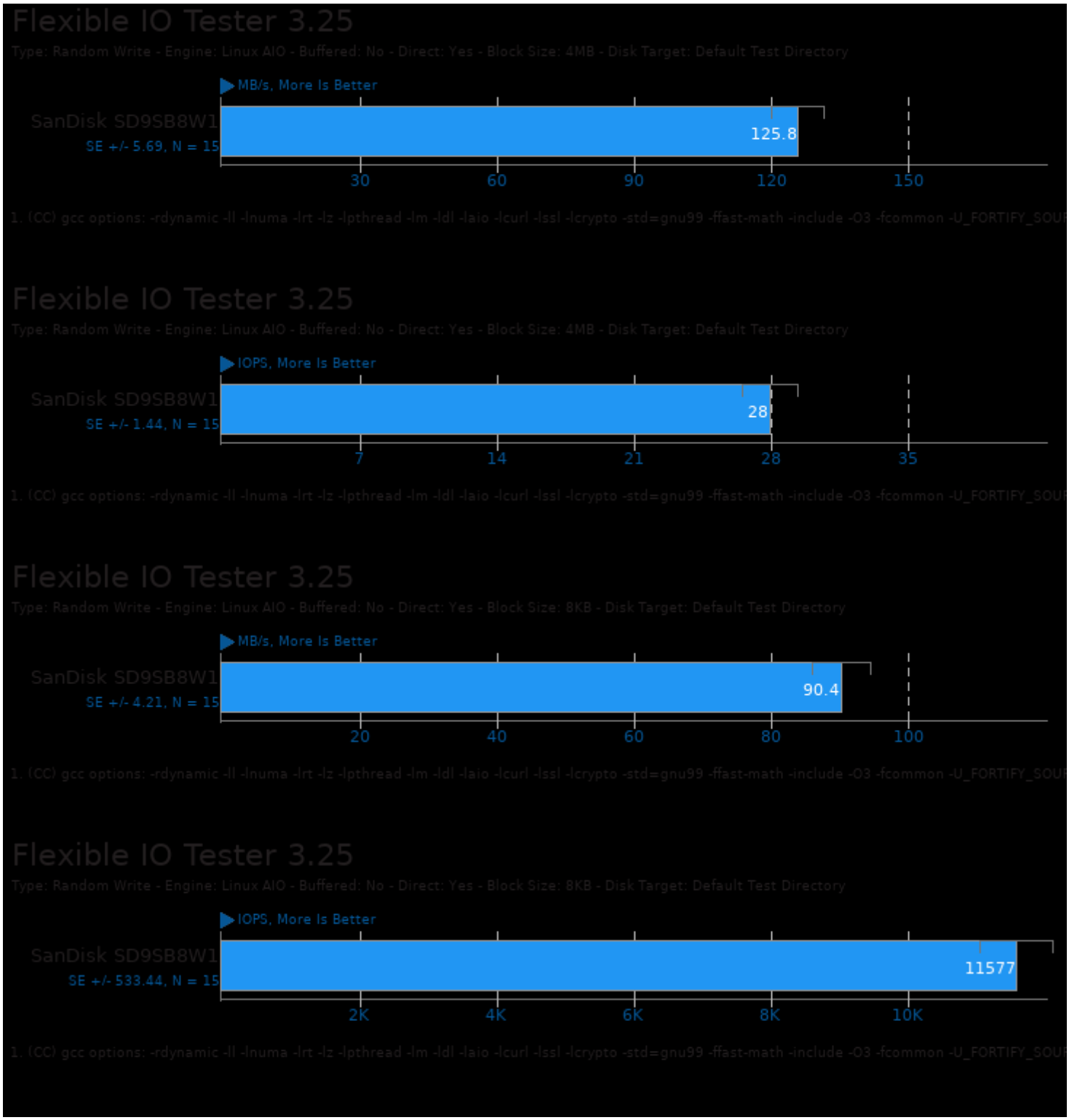

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.58, N = 3
263
60
120
180
240
300
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
62
14
28
42
56
70
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.07, N = 3
43.6
10
20
30
40
50
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 11.02, N = 3
5572
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

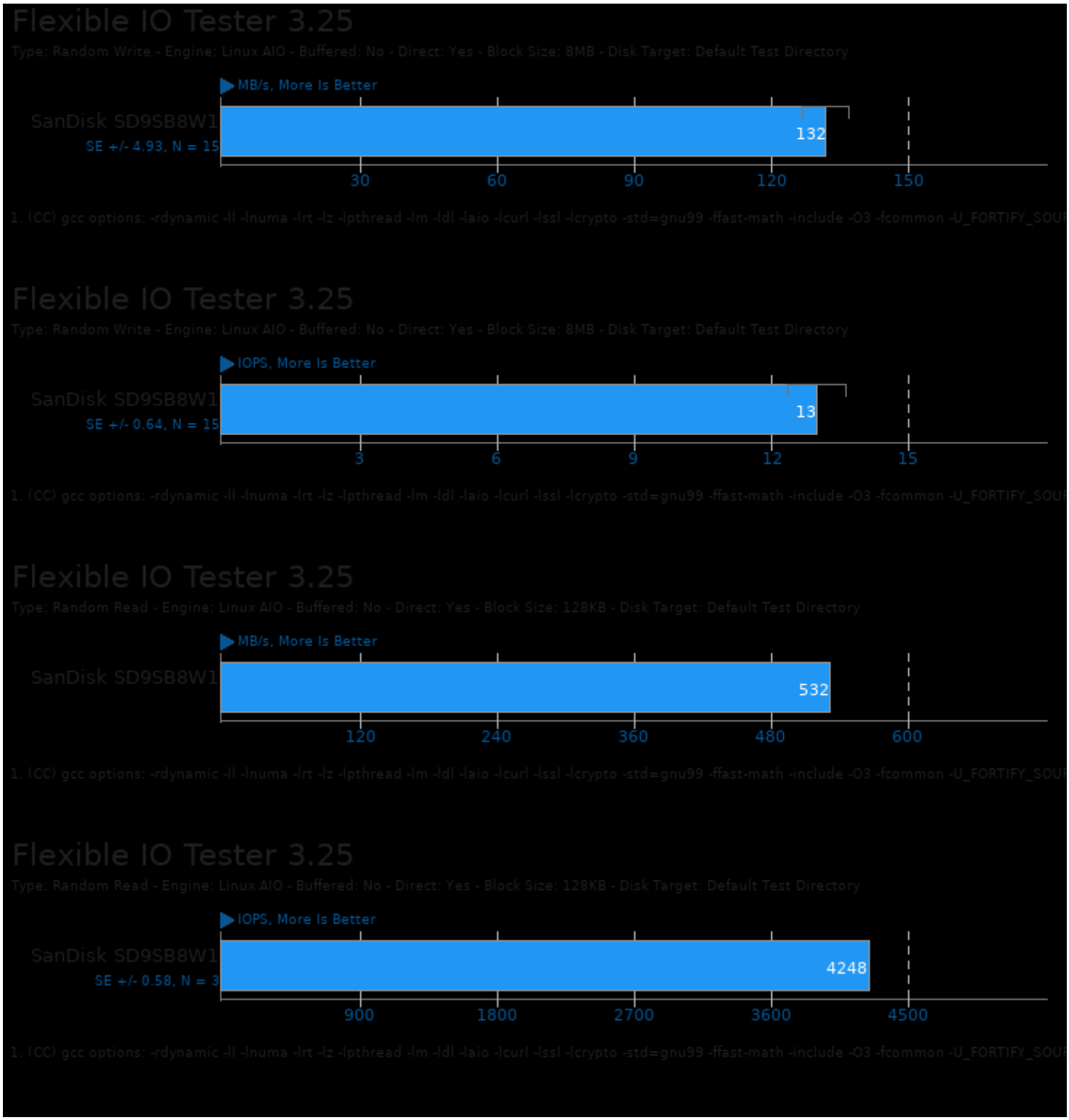

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.88, N = 3
314
70
140
210
280
350
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
36
8
16
24
32
40
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 11.47, N = 12
163
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 11.48, N = 12
159
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

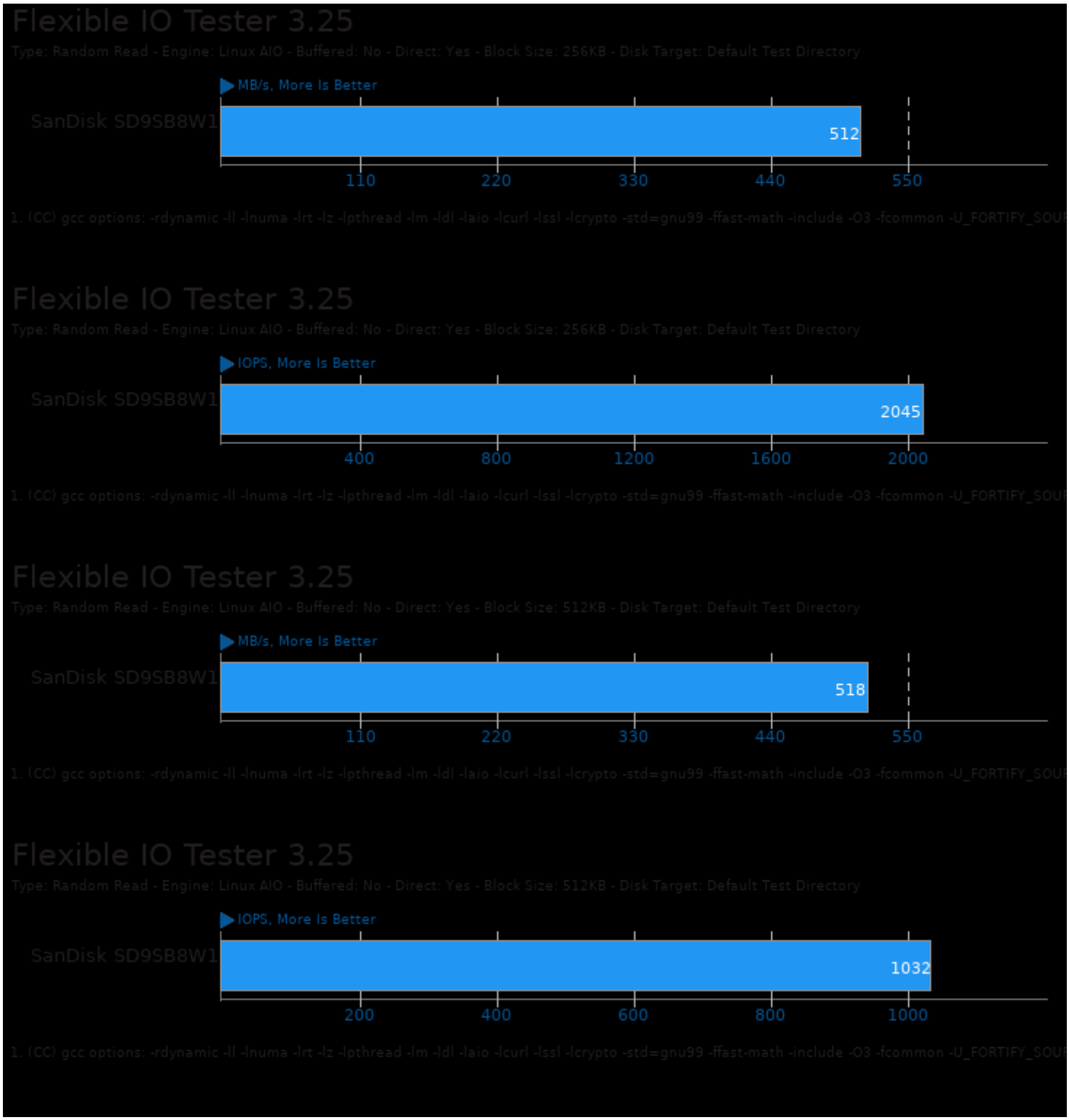

Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.71, N = 12
115.6
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 3.34, N = 12
54
12
24
36
48
60
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.91, N = 15
92.0
20
40
60
80
100
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 996.78, N = 15
23507
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

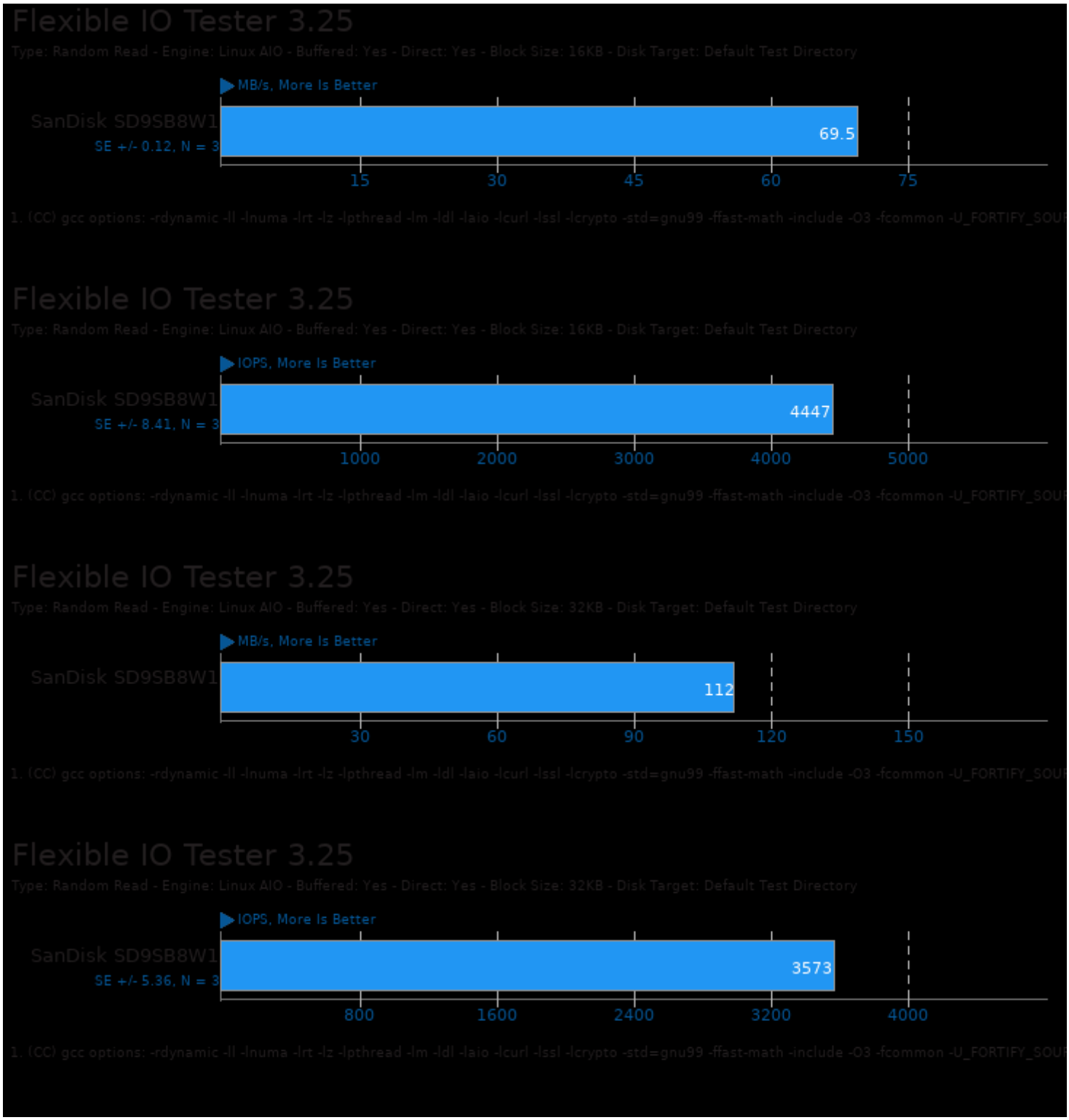

Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 5.69, N = 15
125.8
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.44, N = 15
28
7
14
21
28
35
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 4.21, N = 15
90.4
20
40
60
80
100
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 533.44, N = 15
11577
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

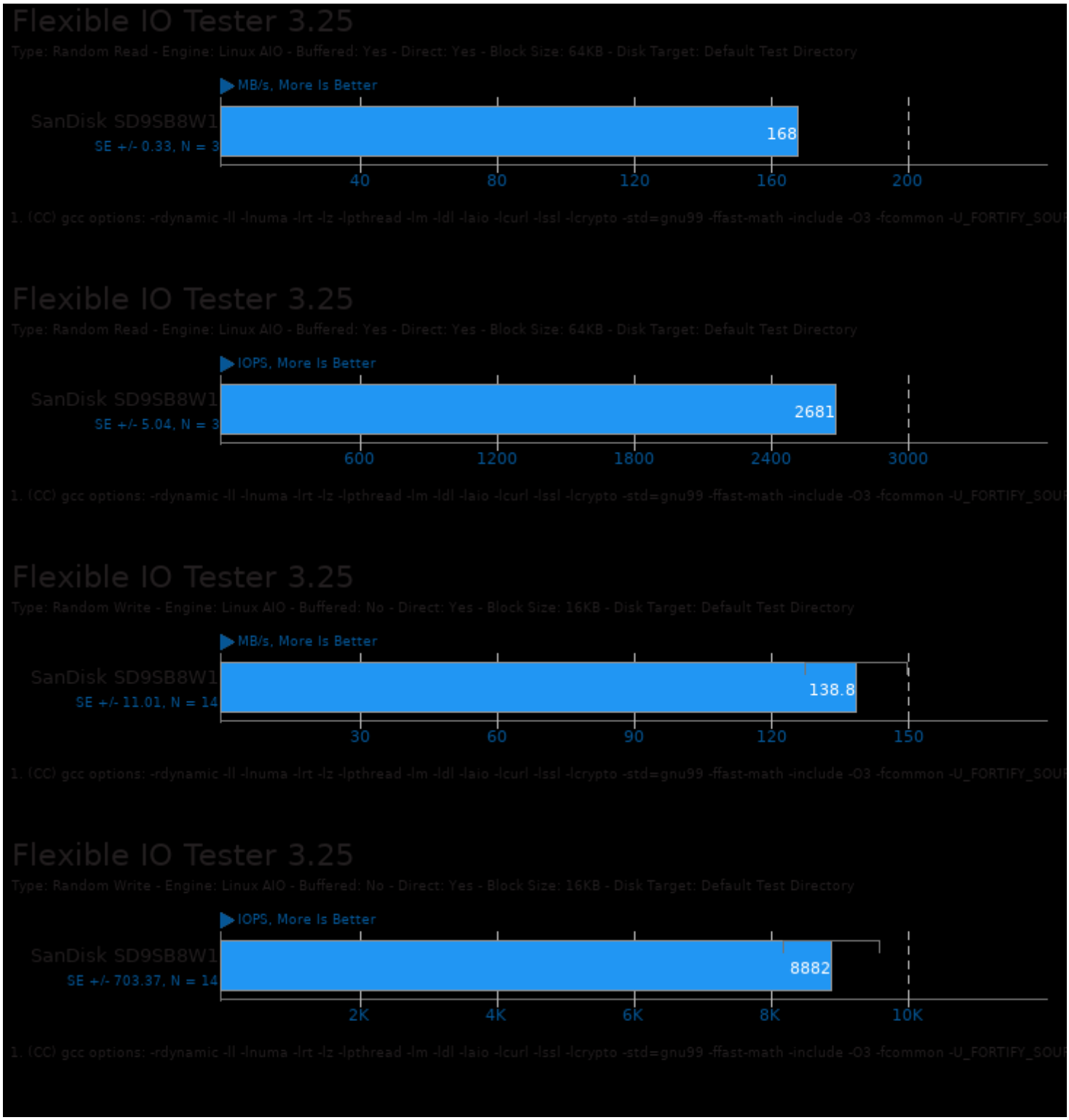

Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 4.93, N = 15
132
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.64, N = 15
13
3
6
9
12
15
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
532
120
240
360
480
600
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.58, N = 3
4248
900
1800
2700
3600
4500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

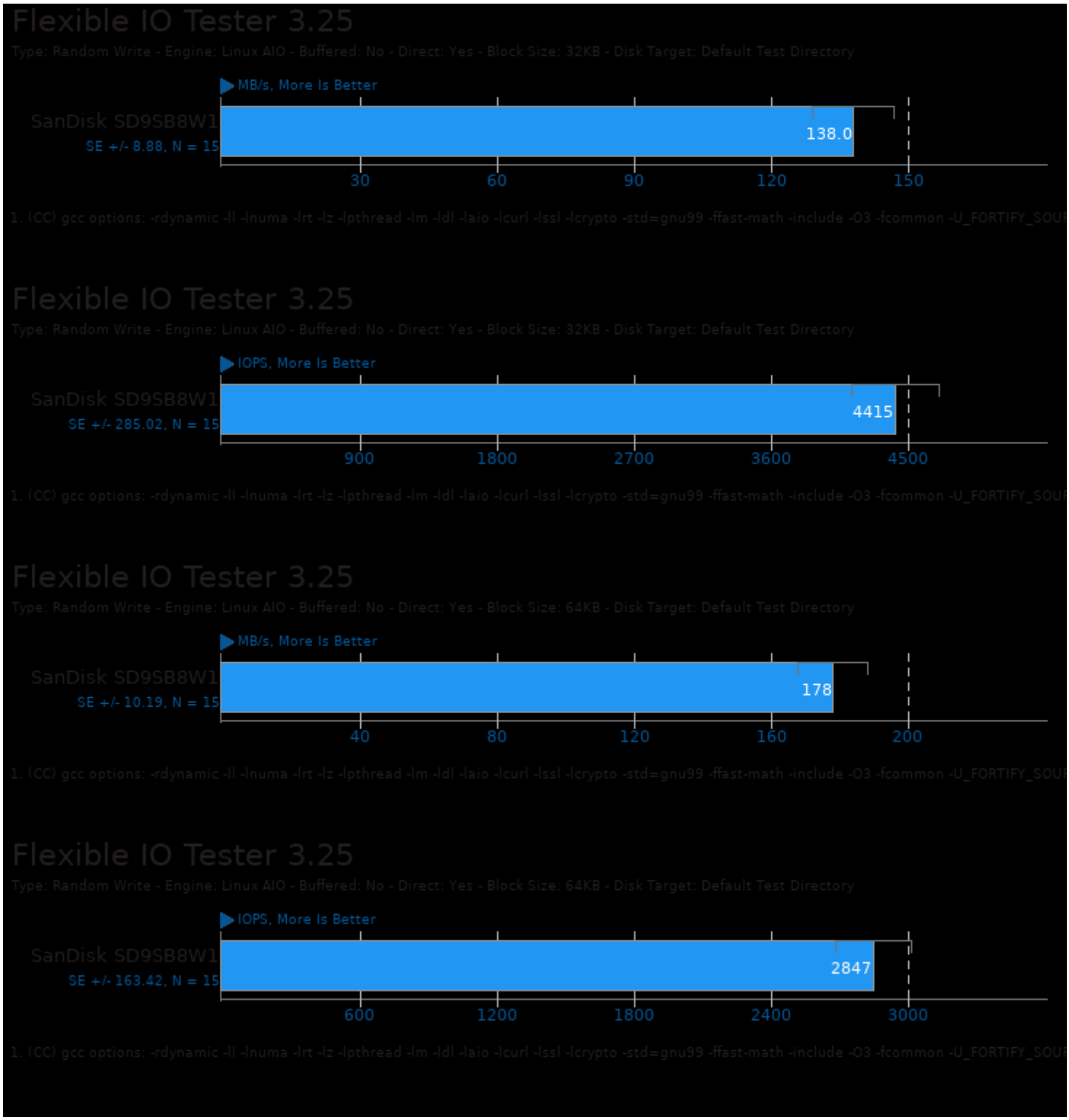

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
512
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
2045
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
518
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
1032
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

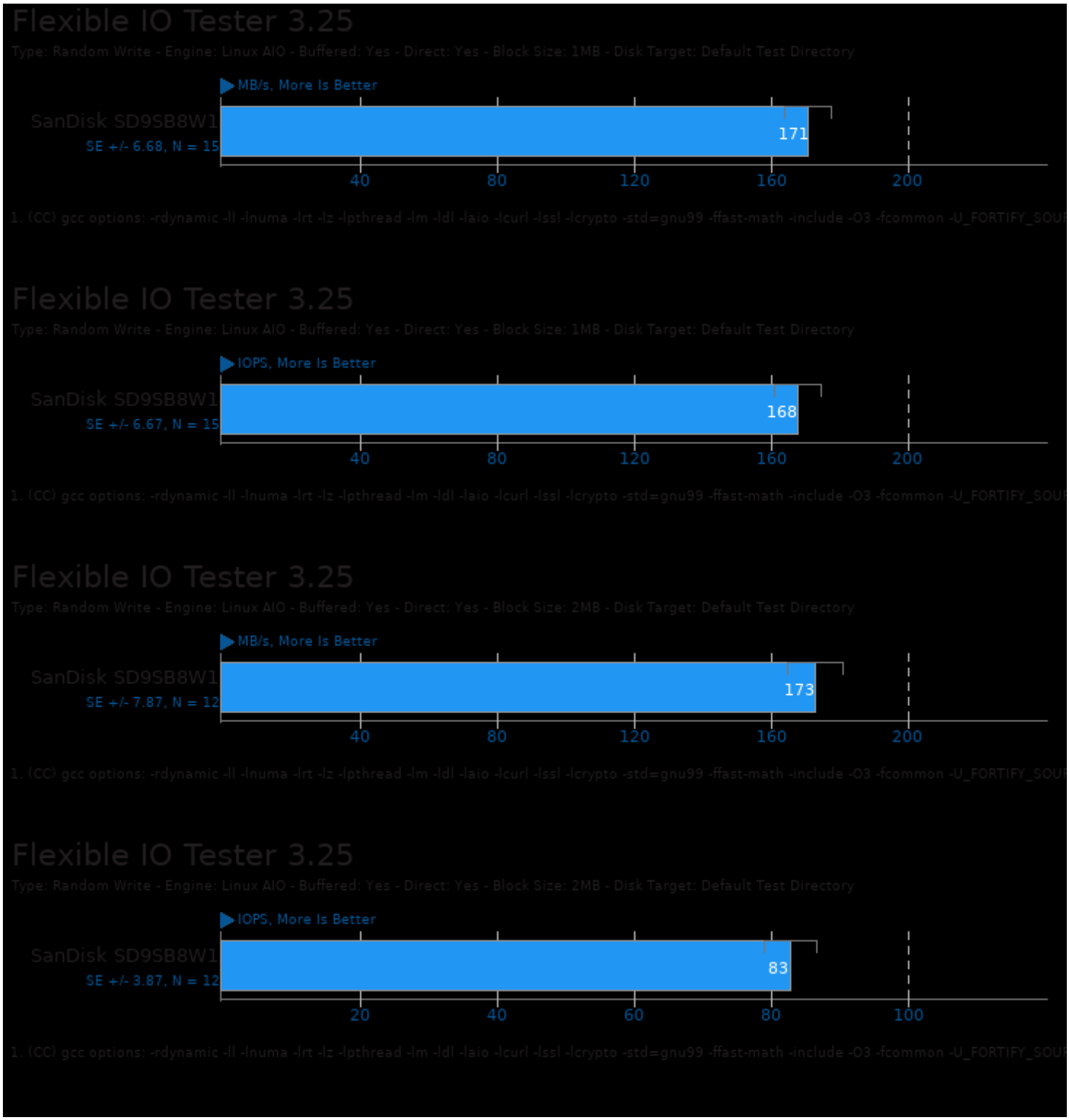

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.12, N = 3
69.5
15
30
45
60
75
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 8.41, N = 3
4447
1000
2000
3000
4000
5000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
112
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 5.36, N = 3
3573
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU


Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
168
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 5.04, N = 3
2681
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 11.01, N = 14
138.8
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 703.37, N = 14
8882
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

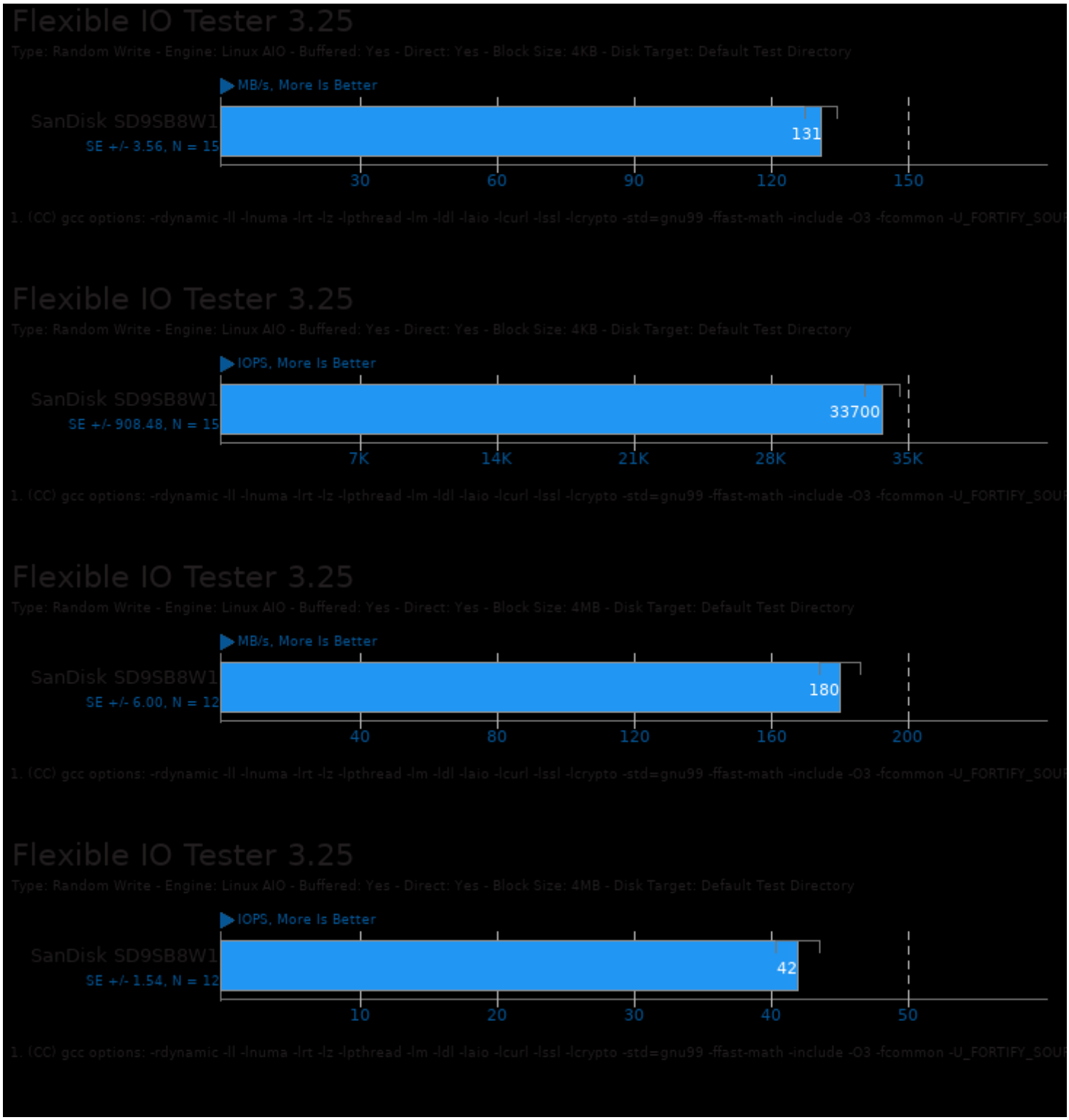
test-fio


Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 8.88, N = 15
138.0
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 285.02, N = 15
4415
900
1800
2700
3600
4500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 10.19, N = 15
178
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 163.42, N = 15
2847
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

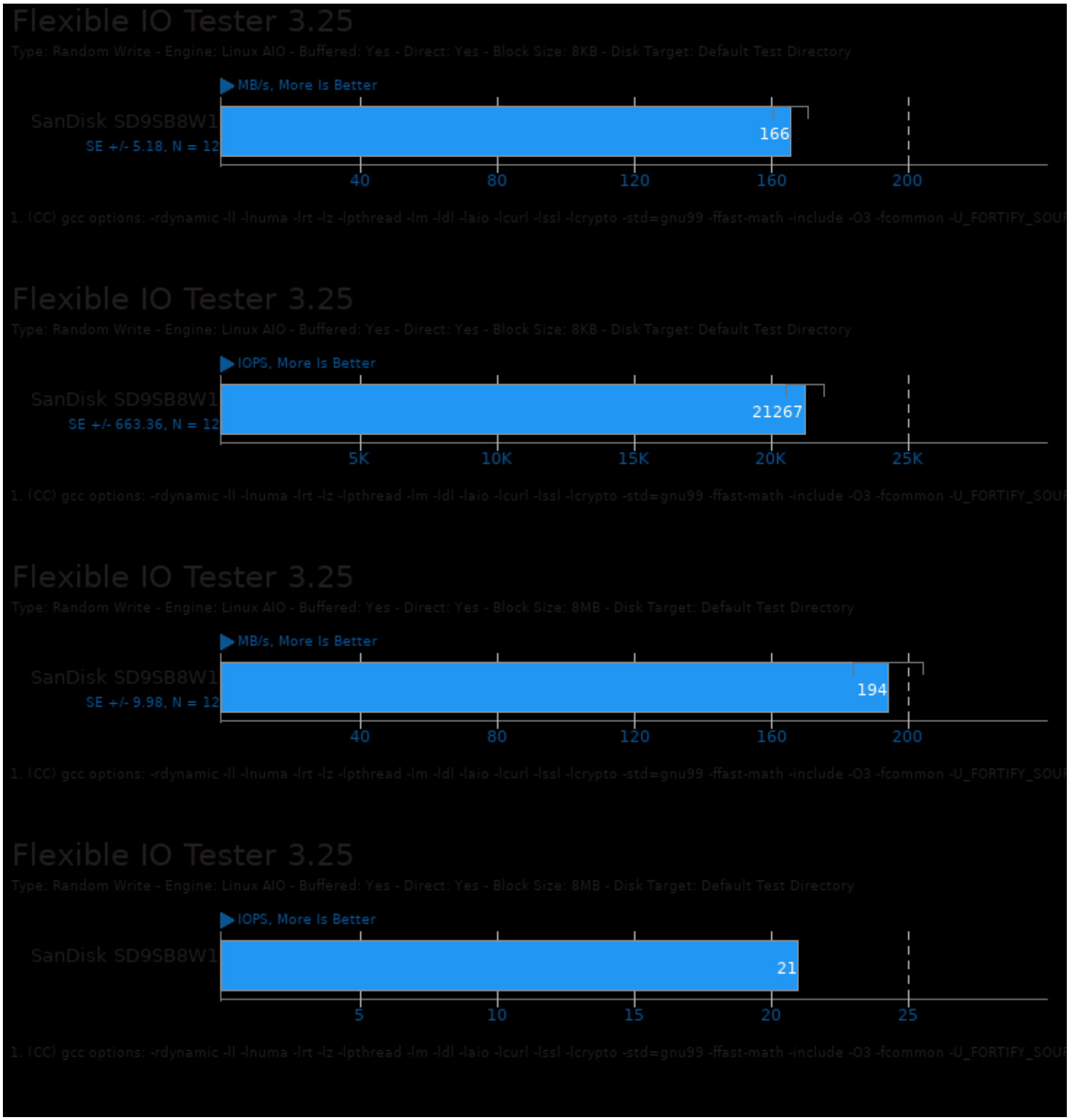
test-fio


Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.68, N = 15
171
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 6.67, N = 15
168
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 7.87, N = 12
173
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 3.87, N = 12
83
20
40
60
80
100
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

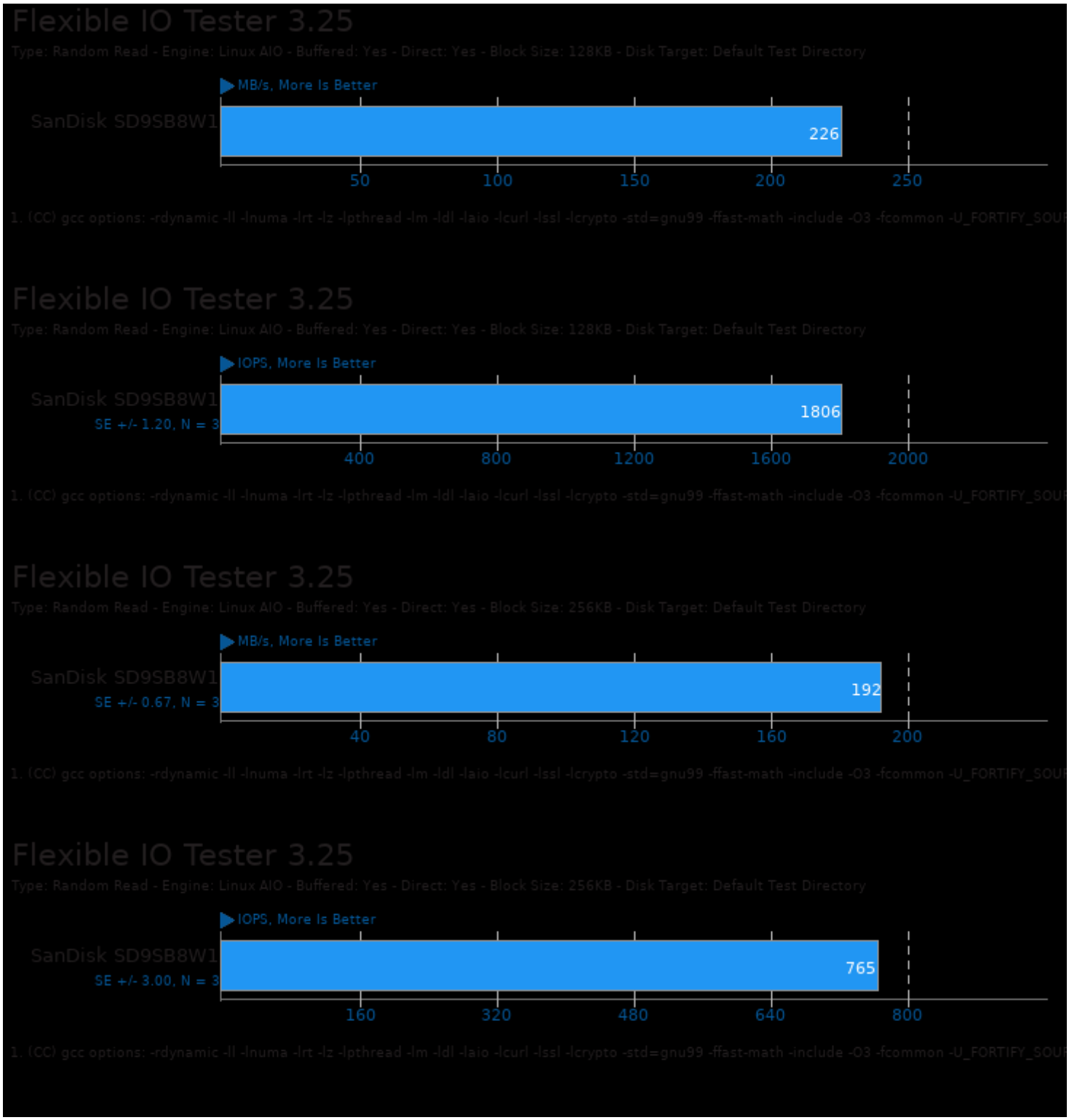
test-fio


Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.56, N = 15
131
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 908.48, N = 15
33700
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.00, N = 12
180
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.54, N = 12
42
10
20
30
40
50
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

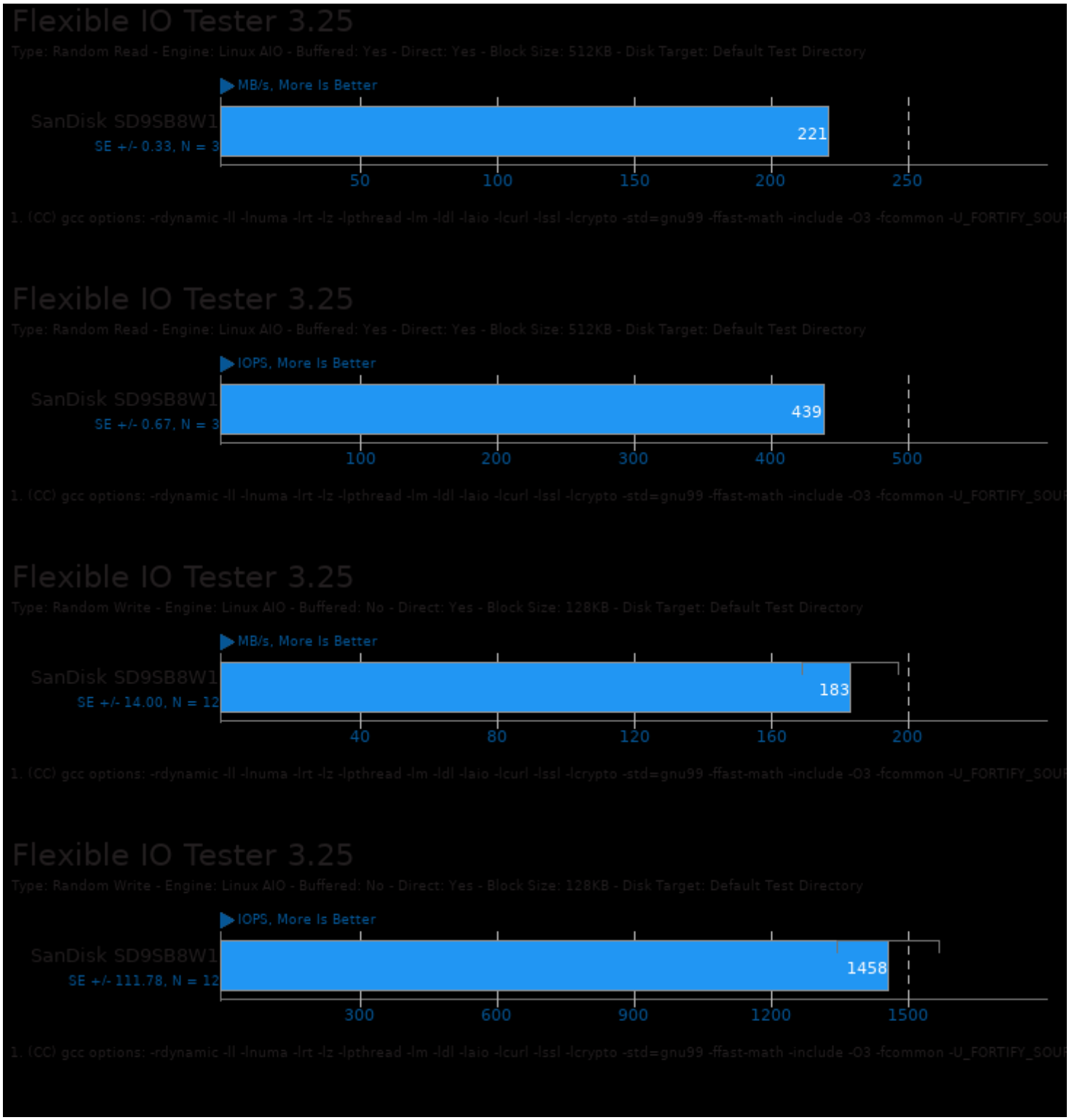
test-fio


Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 5.18, N = 12
166
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 663.36, N = 12
21267
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 9.98, N = 12
194
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
21
5
10
15
20
25
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

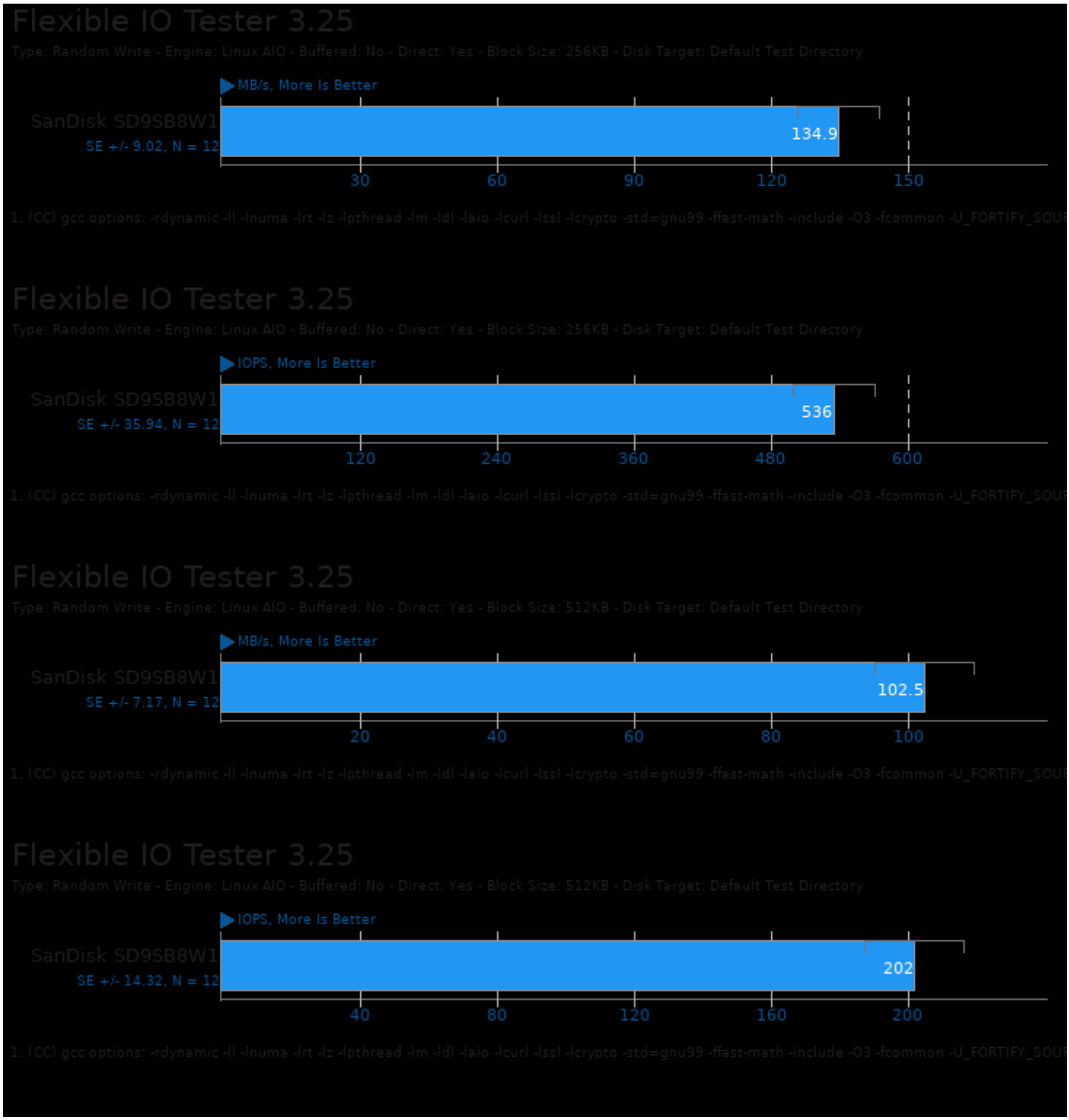
test-fio


Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
226
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.20, N = 3
1806
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.67, N = 3
192
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 3.00, N = 3
765
160
320
480
640
800
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

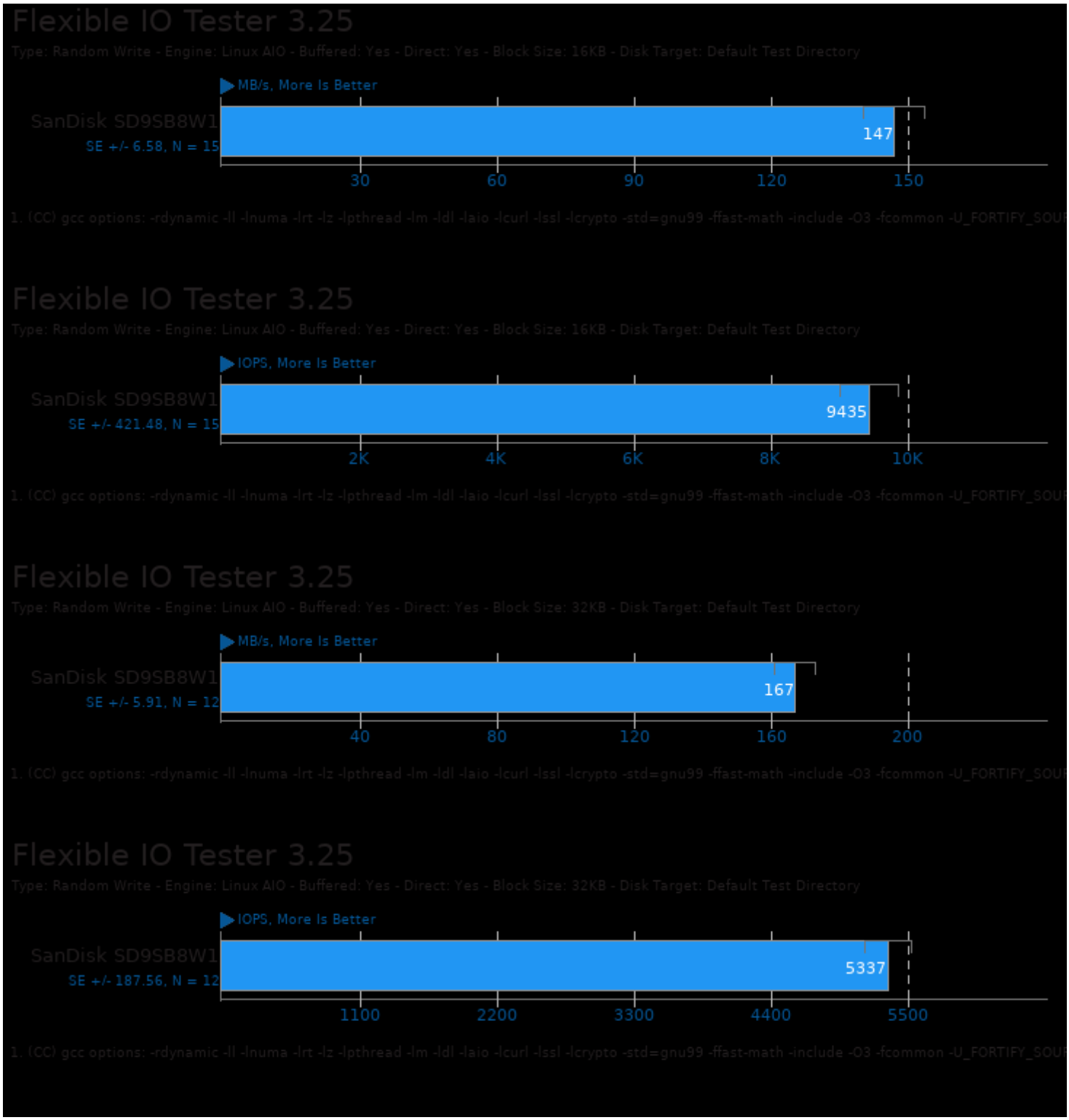
test-fio

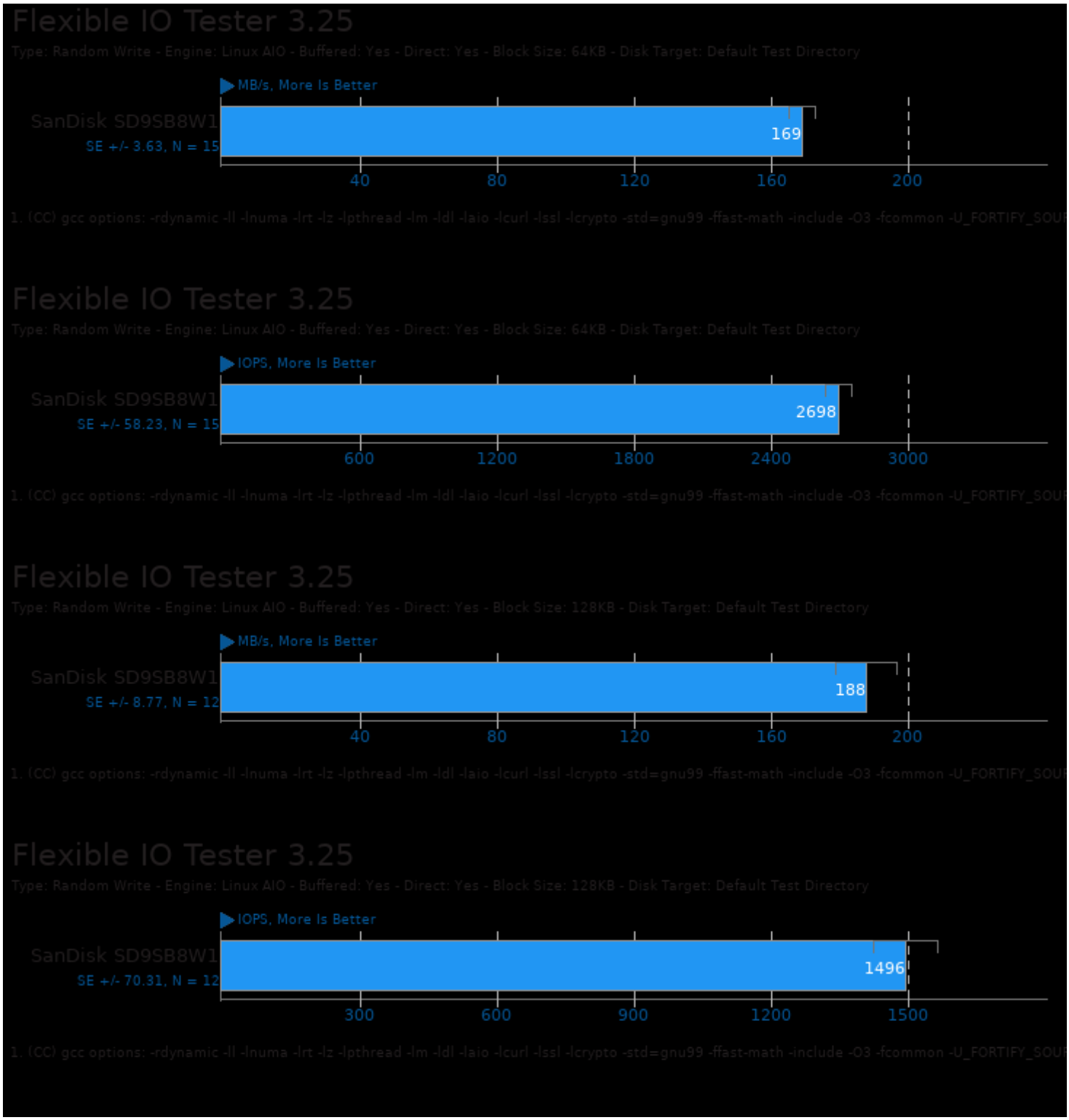

Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
221
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.67, N = 3
439
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 14.00, N = 12
183
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 111.78, N = 12
1458
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

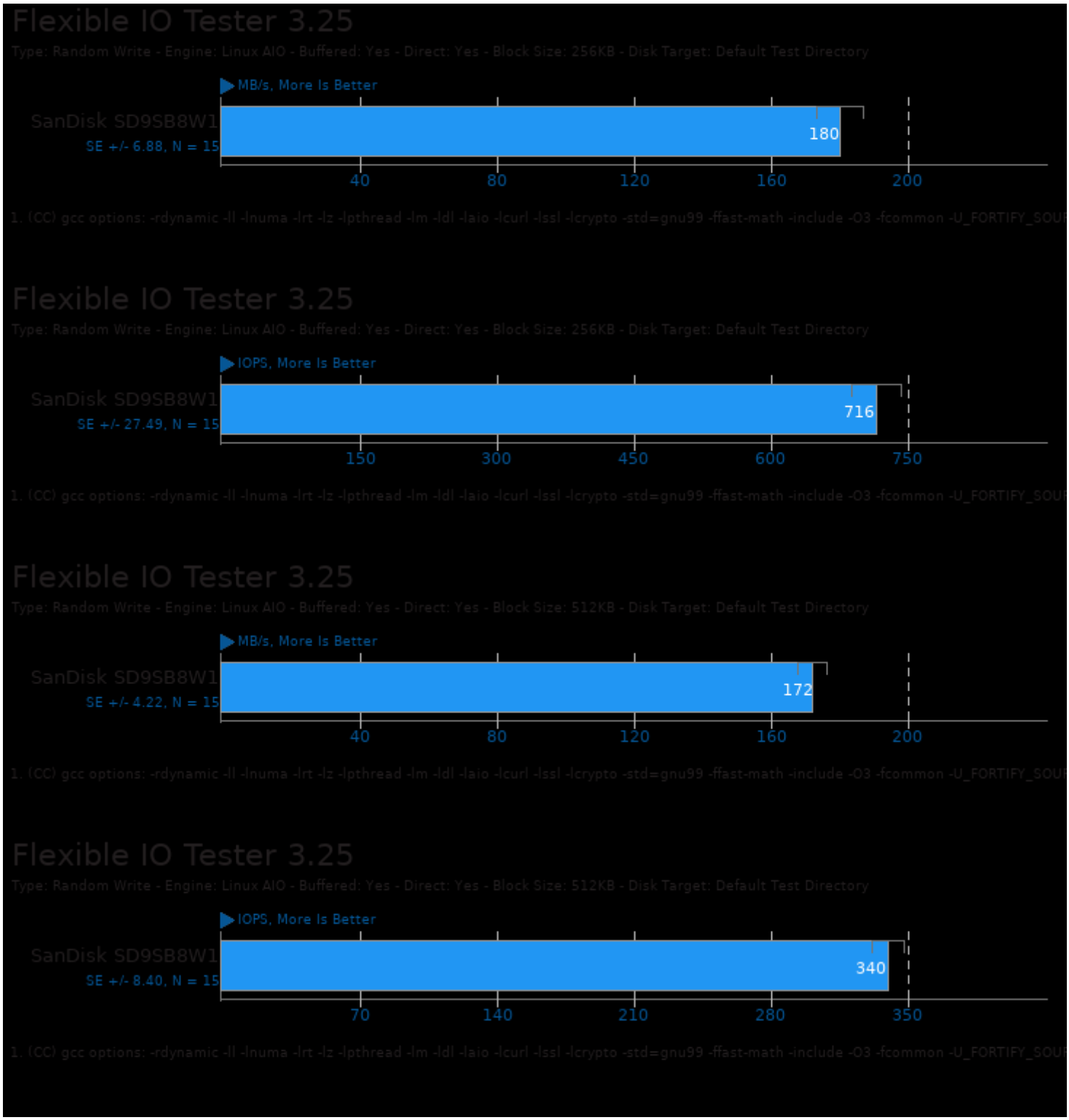

Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 9.02, N = 12
134.9
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 35.94, N = 12
536
120
240
360
480
600
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 7.17, N = 12
102.5
20
40
60
80
100
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 14.32, N = 12
202
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

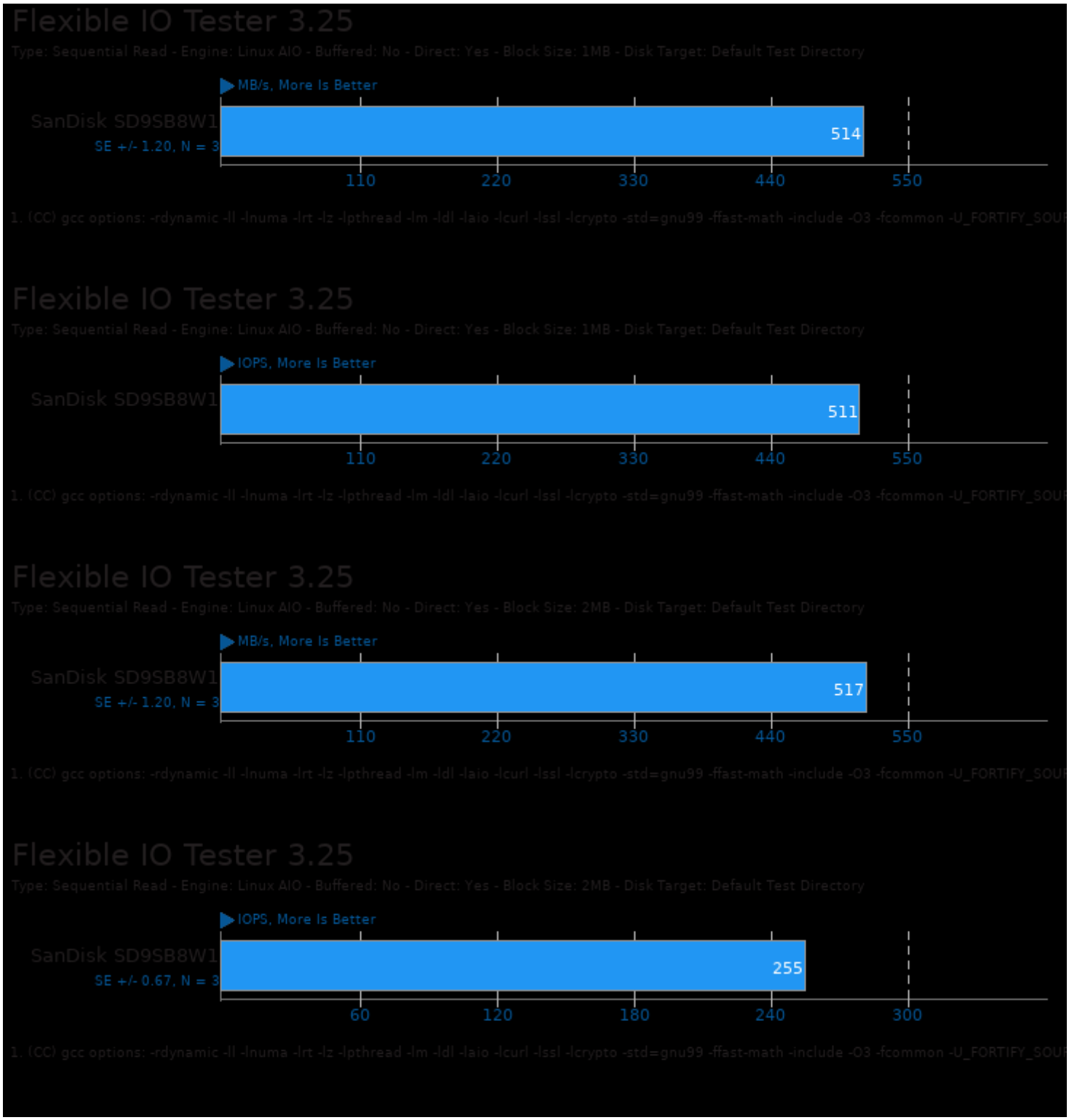

Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.58, N = 15
147
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 421.48, N = 15
9435
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 5.91, N = 12
167
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 187.56, N = 12
5337
1100
2200
3300
4400
5500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU


Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.63, N = 15
169
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 58.23, N = 15
2698
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 8.77, N = 12
188
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 70.31, N = 12
1496
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

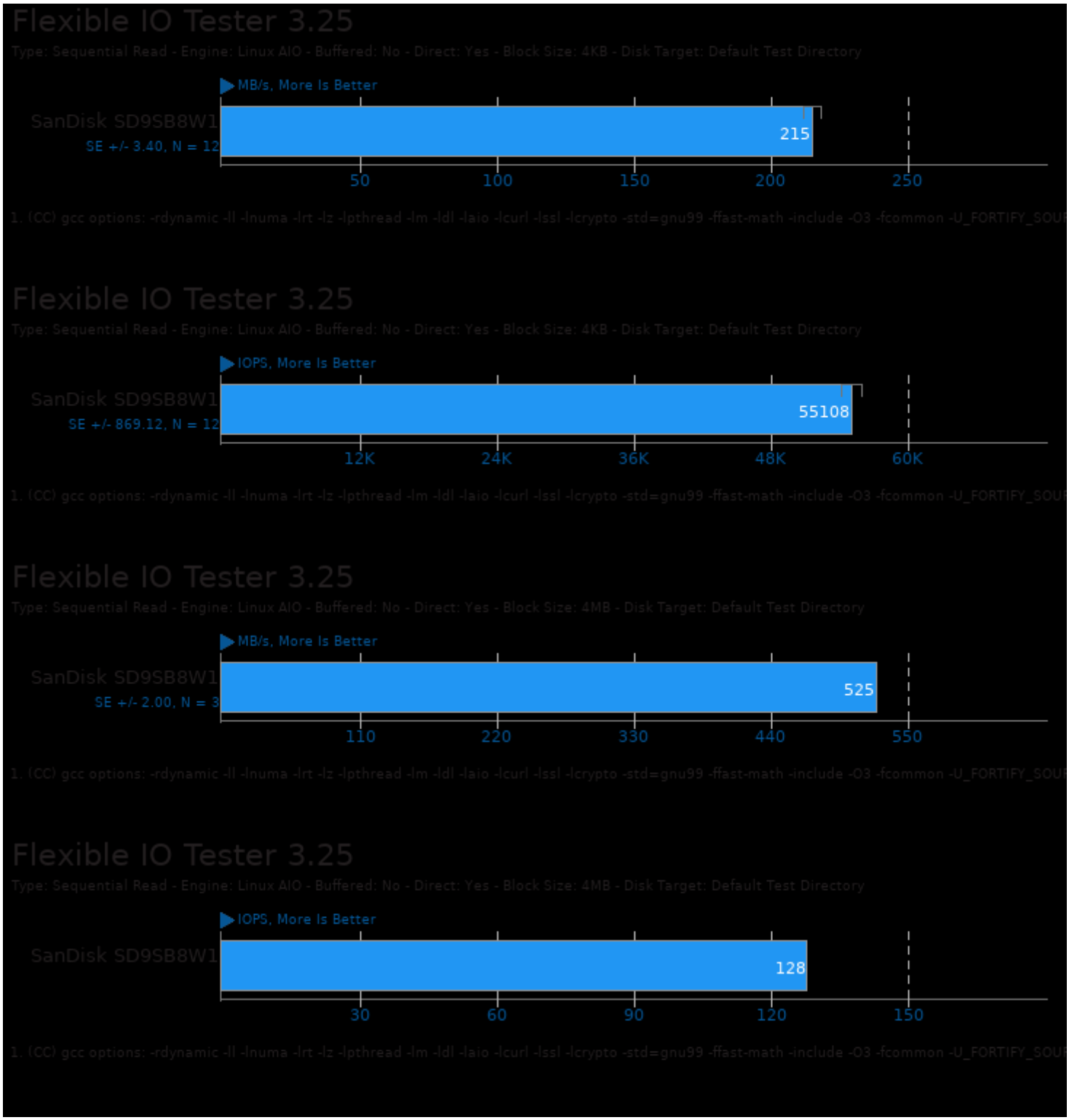
test-fio


Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.88, N = 15
180
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 27.49, N = 15
716
150
300
450
600
750
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 4.22, N = 15
172
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 8.40, N = 15
340
70
140
210
280
350
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

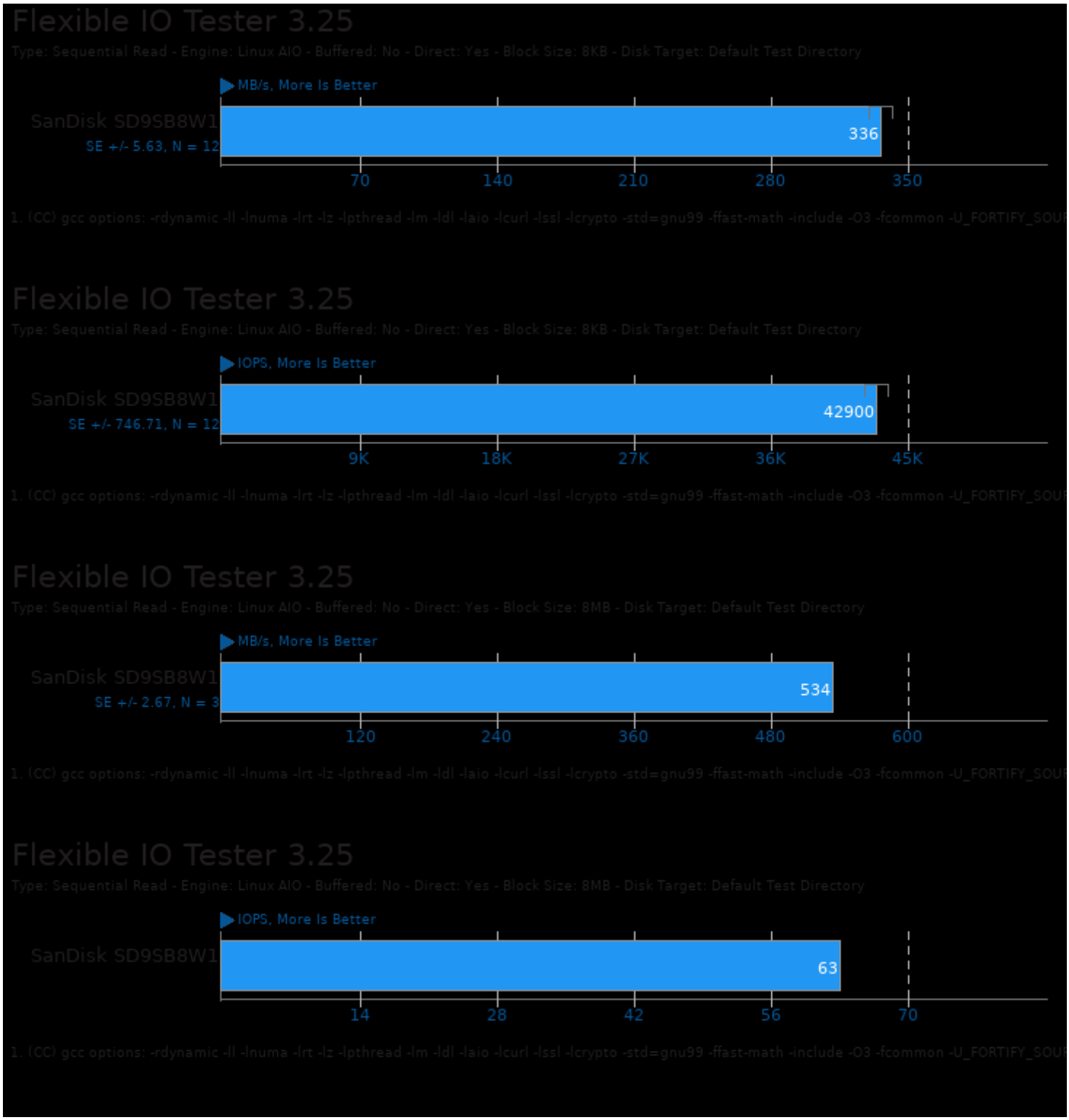
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 1.20, N = 3
514
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
511
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 1.20, N = 3
517
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.67, N = 3
255
60
120
180
240
300
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

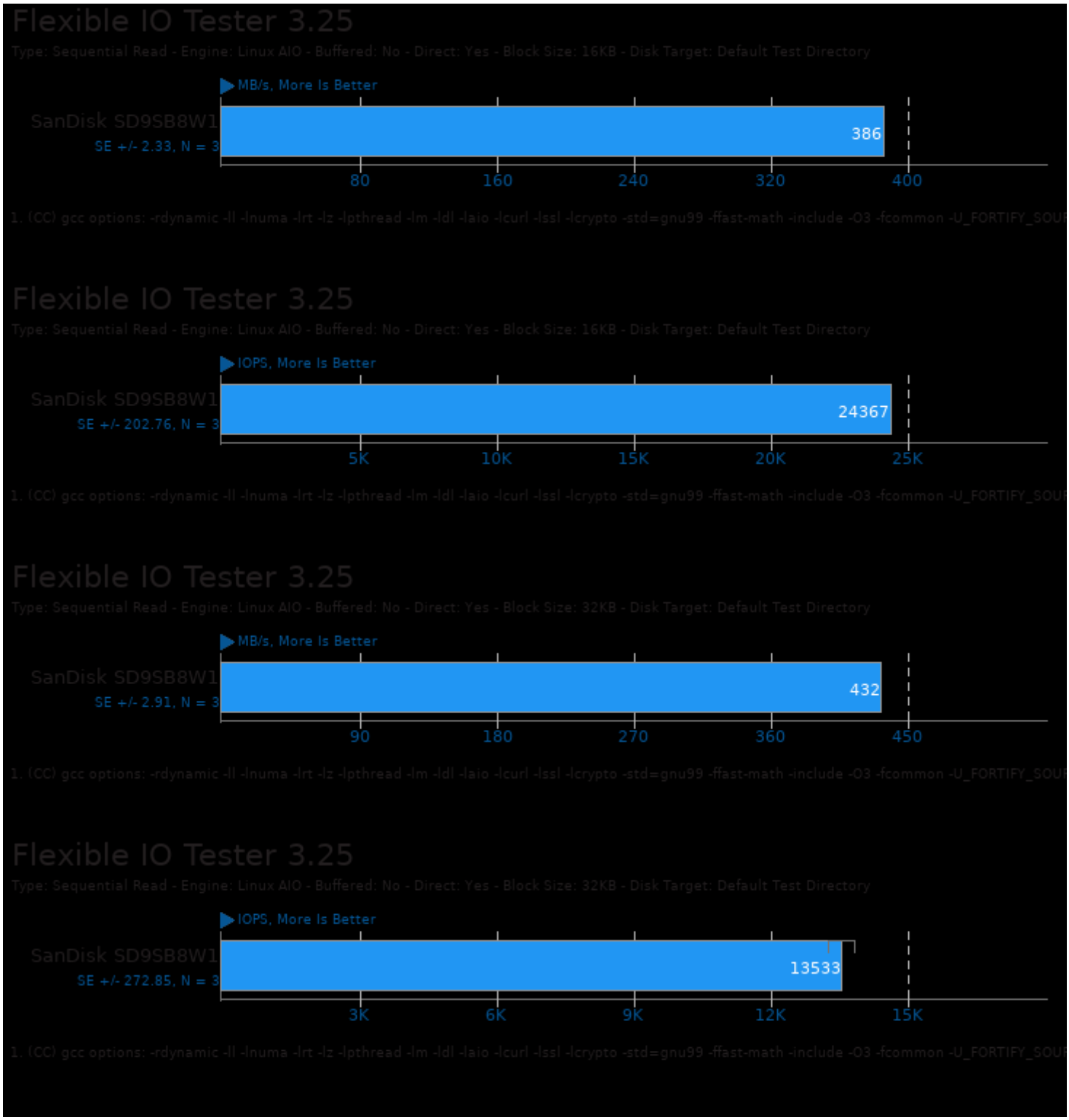
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.40, N = 12
215
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 869.12, N = 12
55108
12K
24K
36K
48K
60K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.00, N = 3
525
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
128
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

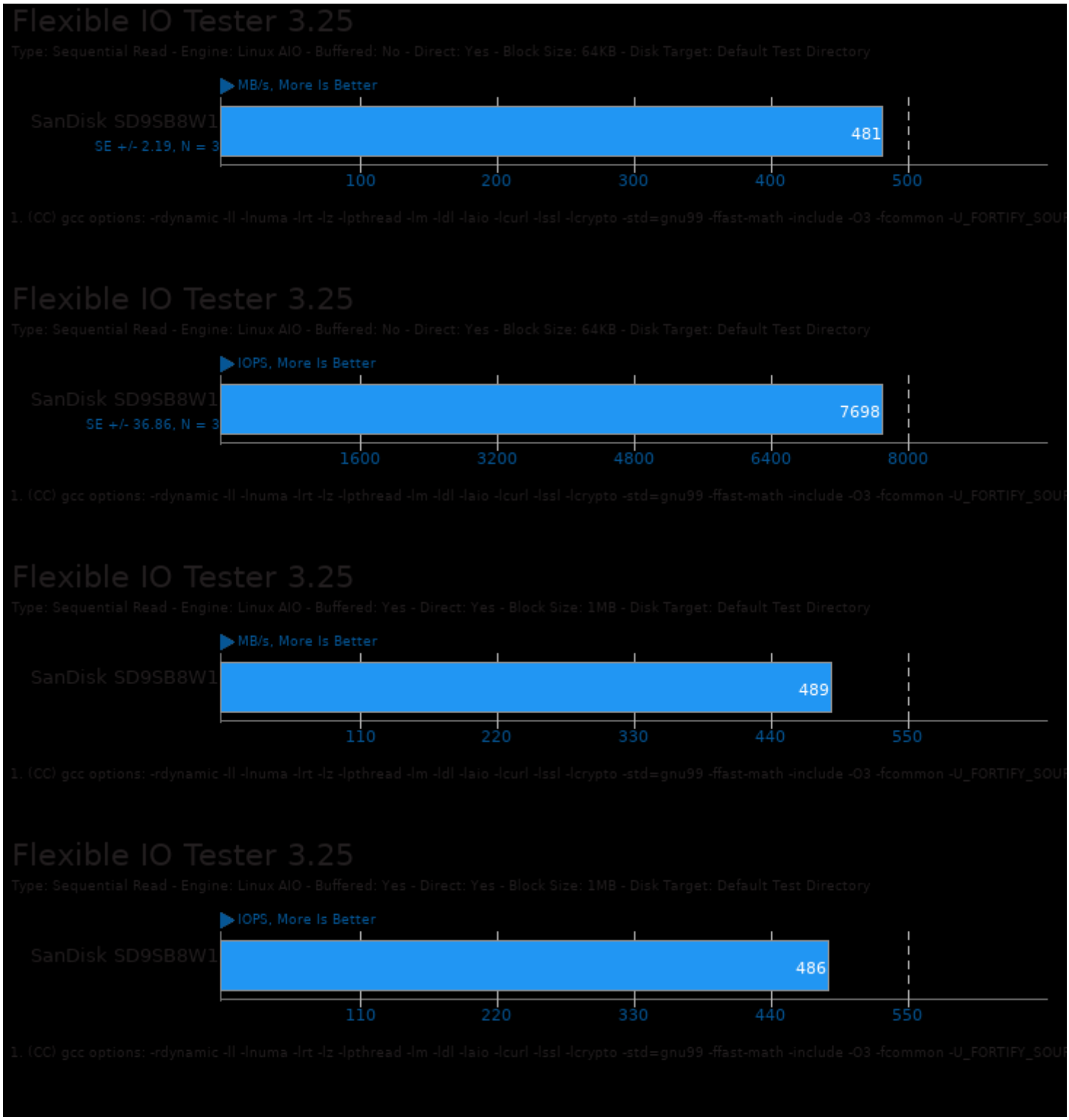
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 5.63, N = 12
336
70
140
210
280
350
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 746.71, N = 12
42900
9K
18K
27K
36K
45K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.67, N = 3
534
120
240
360
480
600
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
63
14
28
42
56
70
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

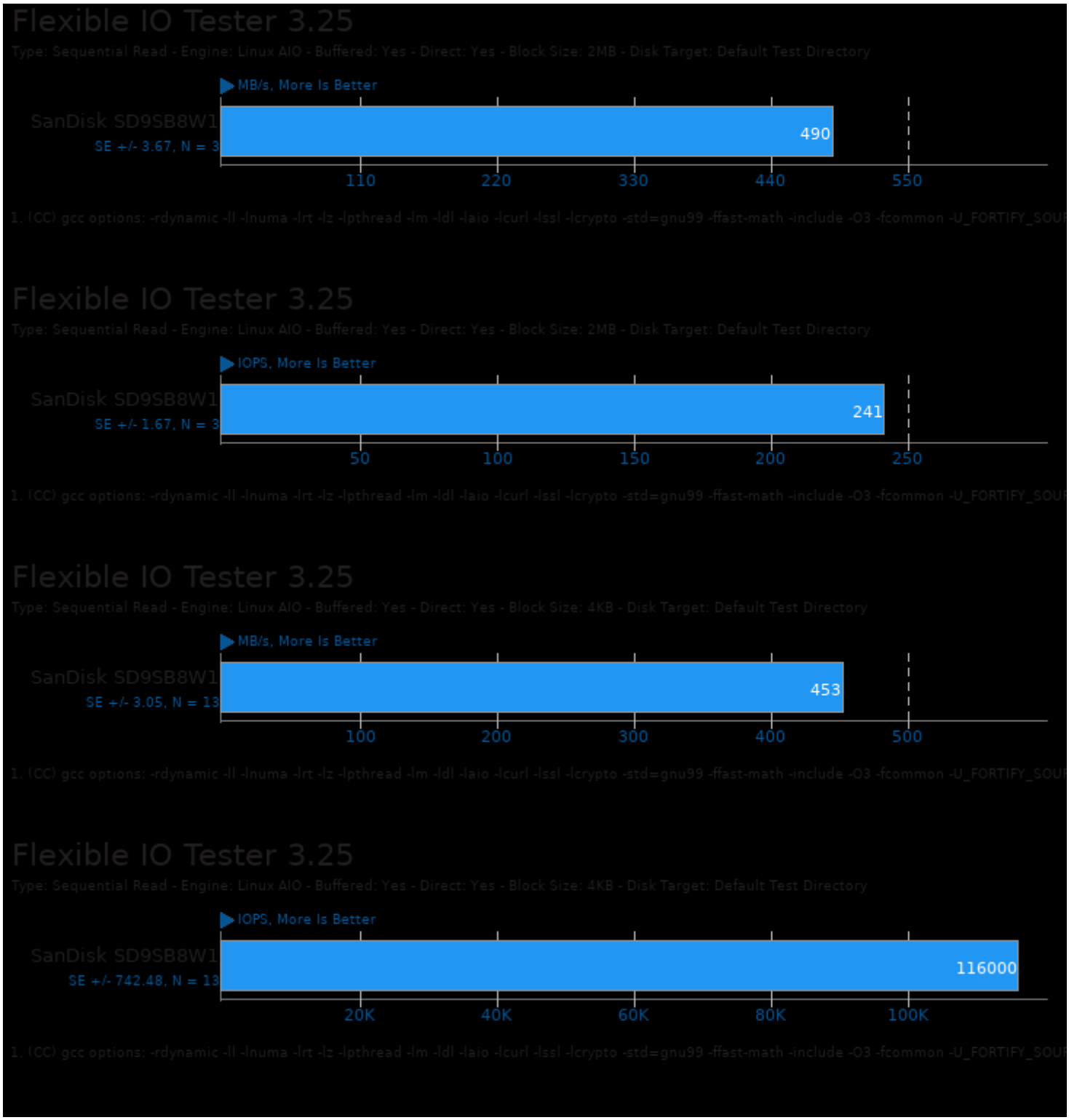
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.33, N = 3
386
80
160
240
320
400
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 202.76, N = 3
24367
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.91, N = 3
432
90
180
270
360
450
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 272.85, N = 3
13533
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

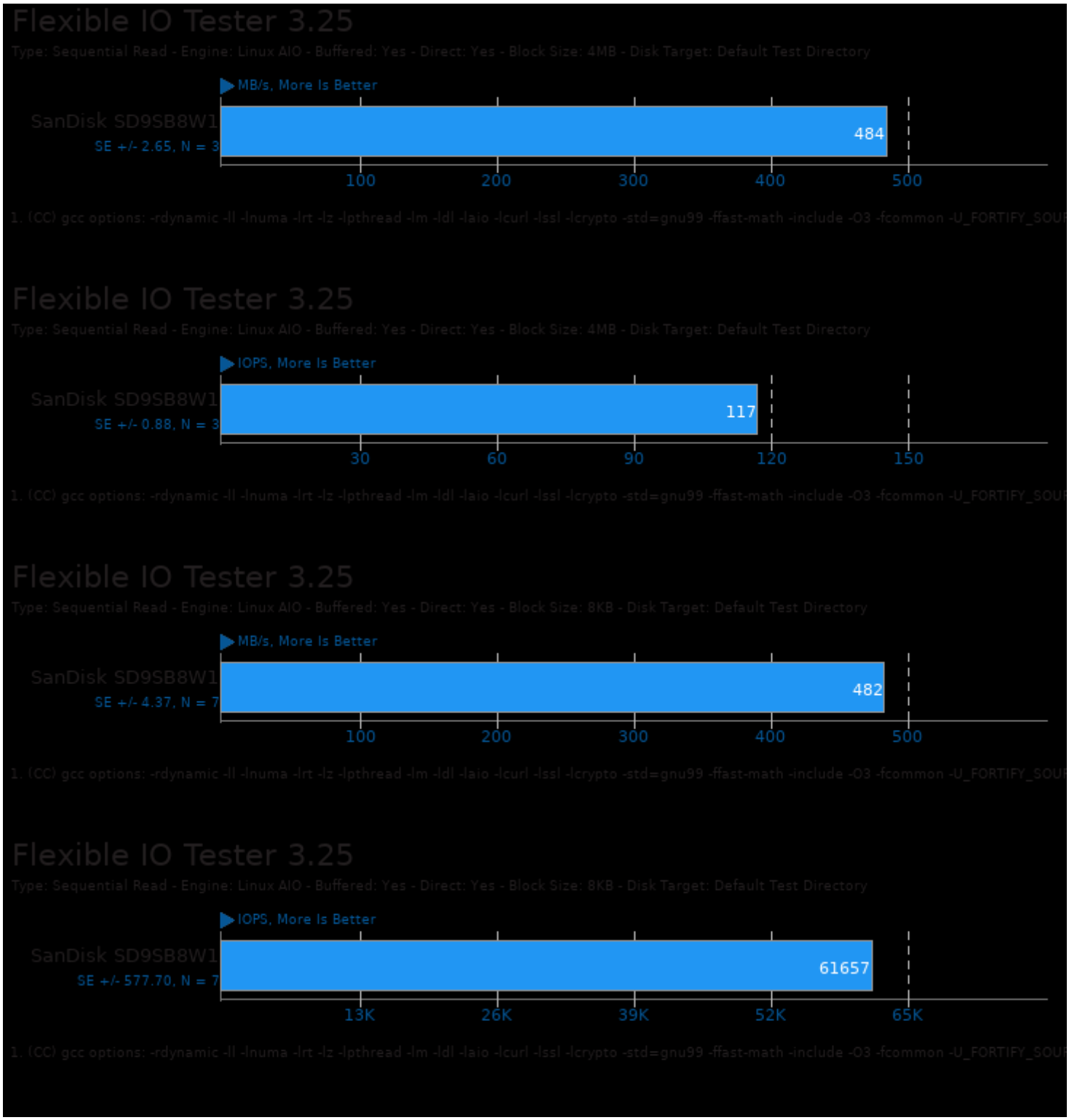
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.19, N = 3
481
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 36.86, N = 3
7698
1600
3200
4800
6400
8000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
489
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
486
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

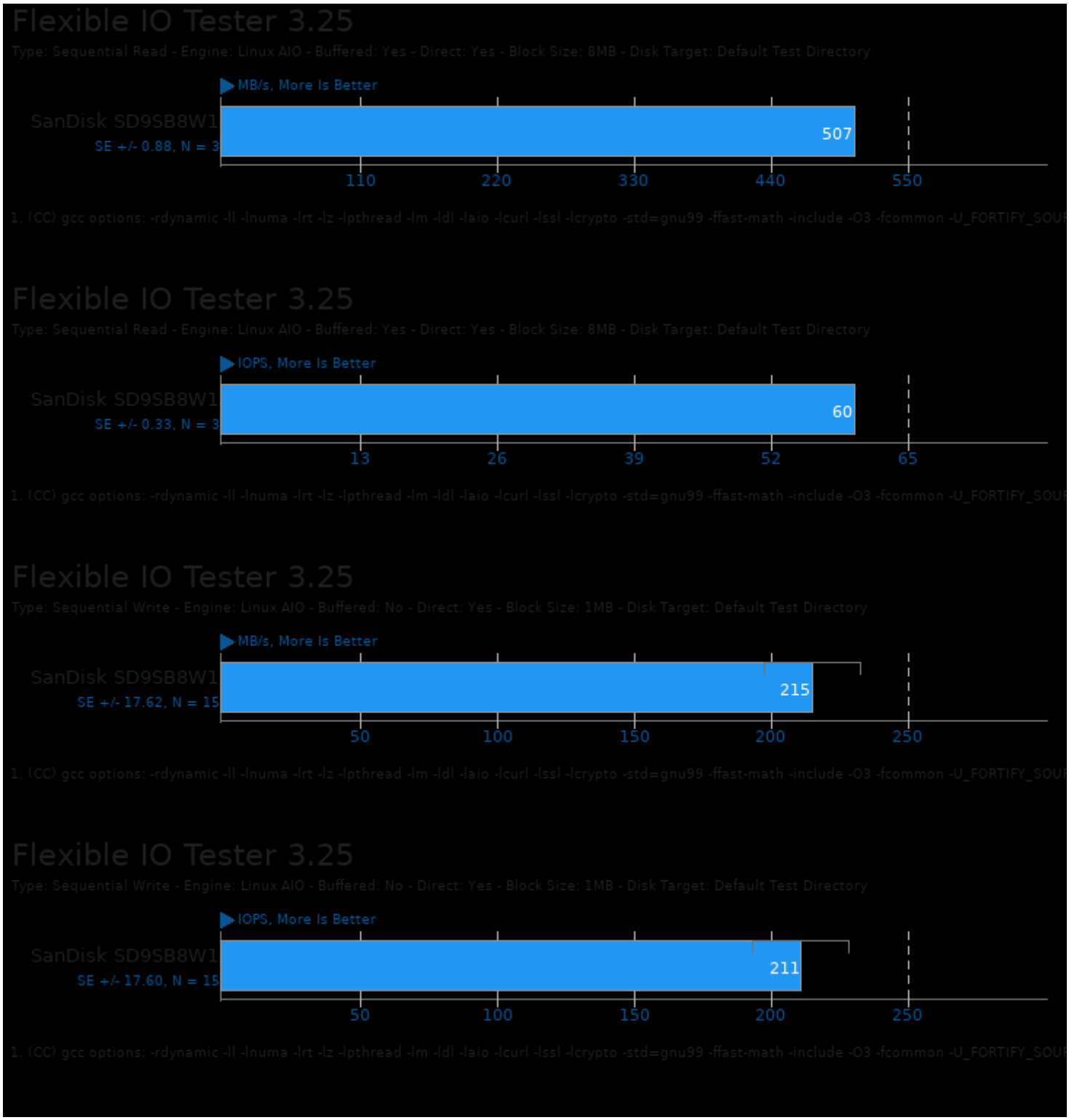
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.67, N = 3
490
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.67, N = 3
241
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.05, N = 13
453
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 742.48, N = 13
116000
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

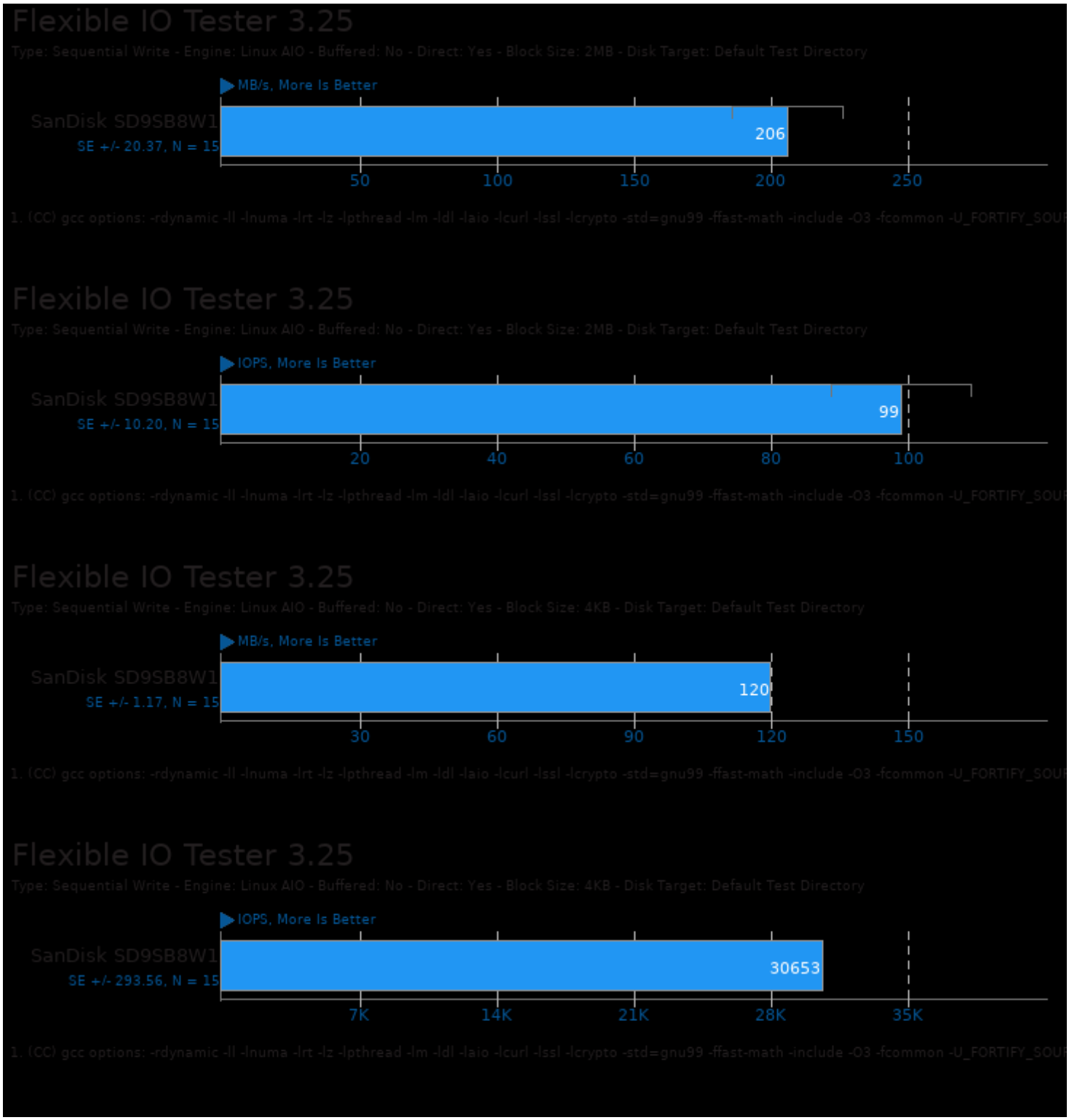
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.65, N = 3
484
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.88, N = 3
117
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 4.37, N = 7
482
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 577.70, N = 7
61657
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

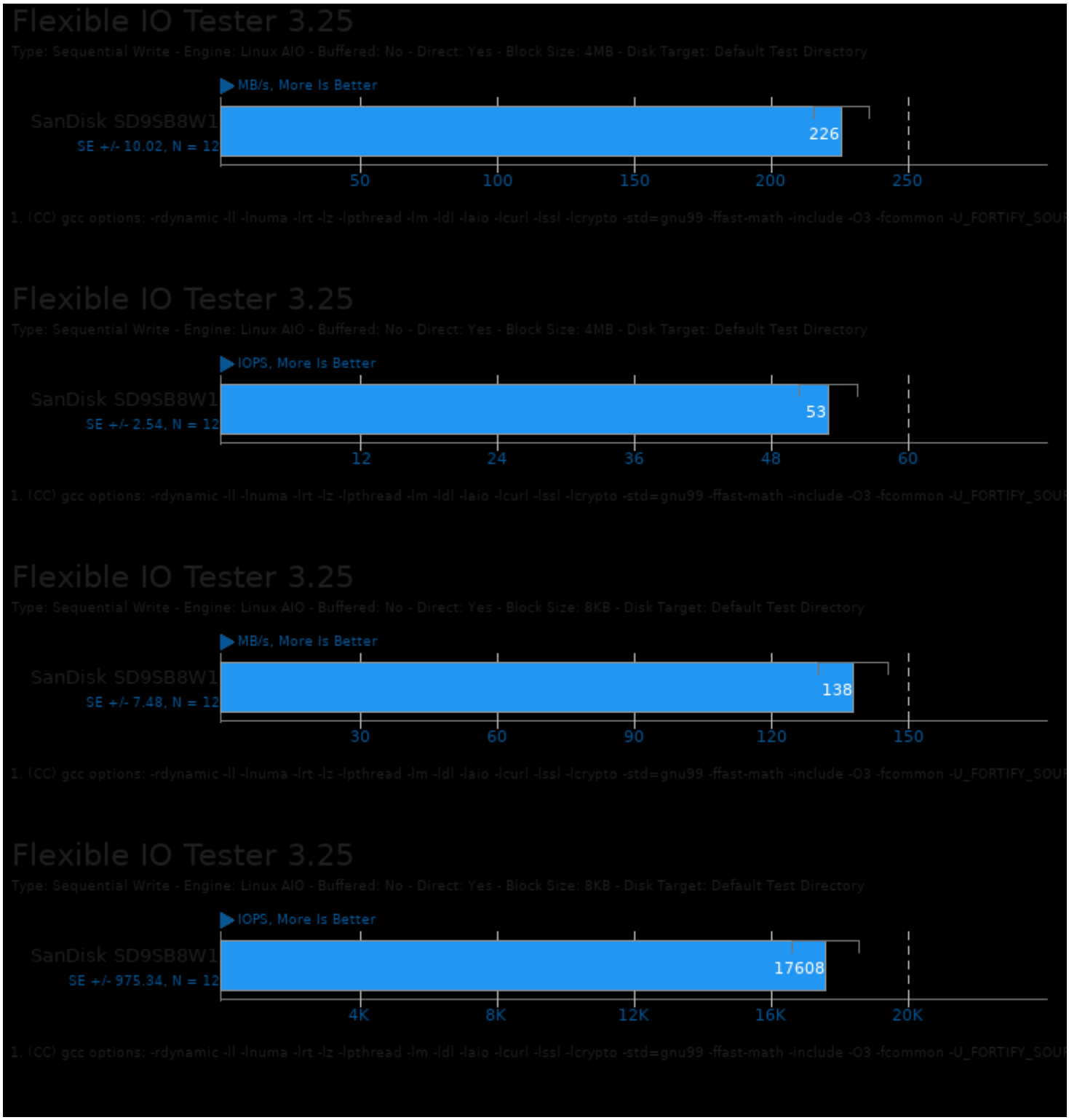
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.88, N = 3
507
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
60
13
26
39
52
65
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 17.62, N = 15
215
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 17.60, N = 15
211
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

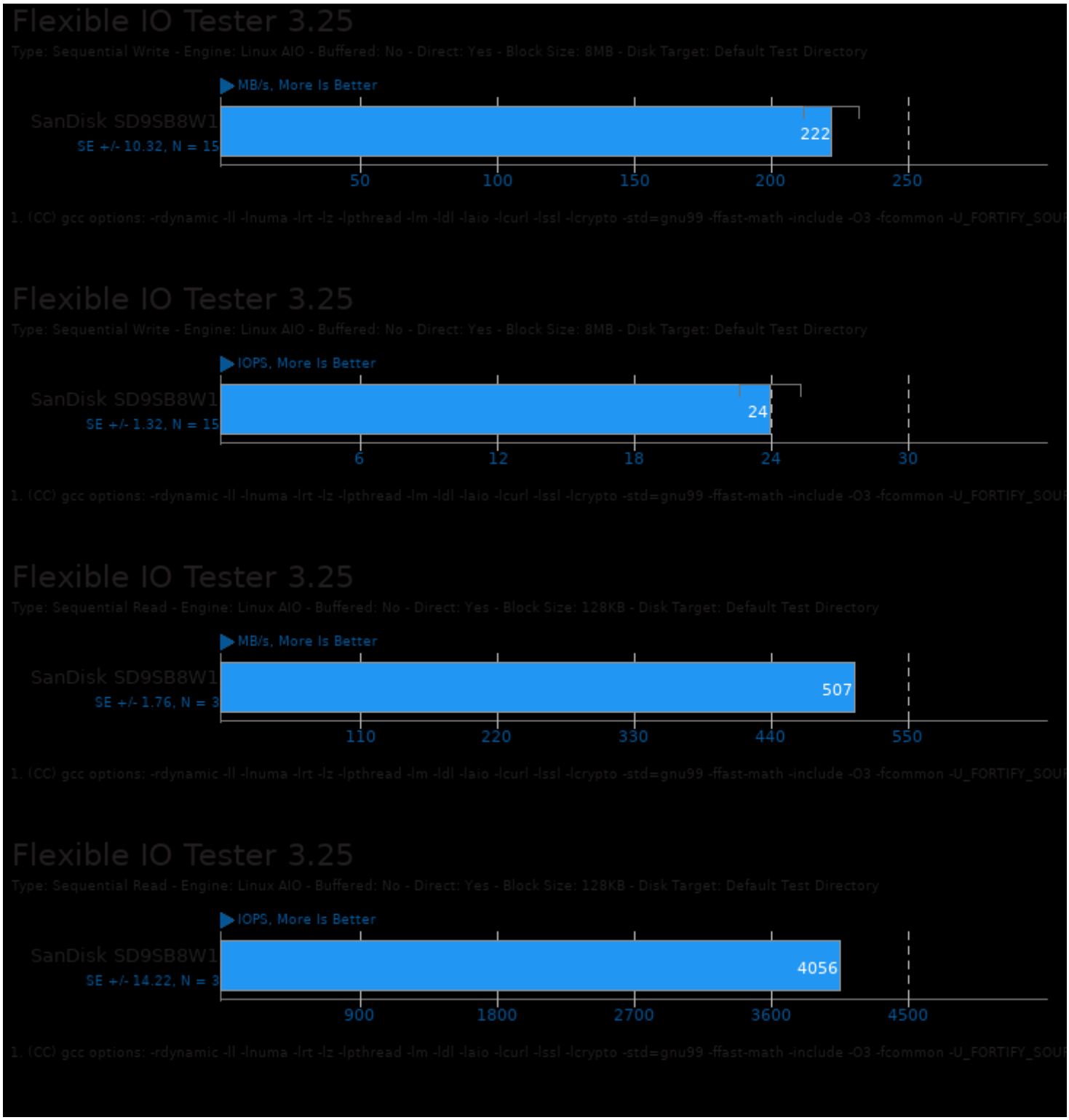
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 20.37, N = 15
206
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 10.20, N = 15
99
20
40
60
80
100
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 1.17, N = 15
120
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 293.56, N = 15
30653
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

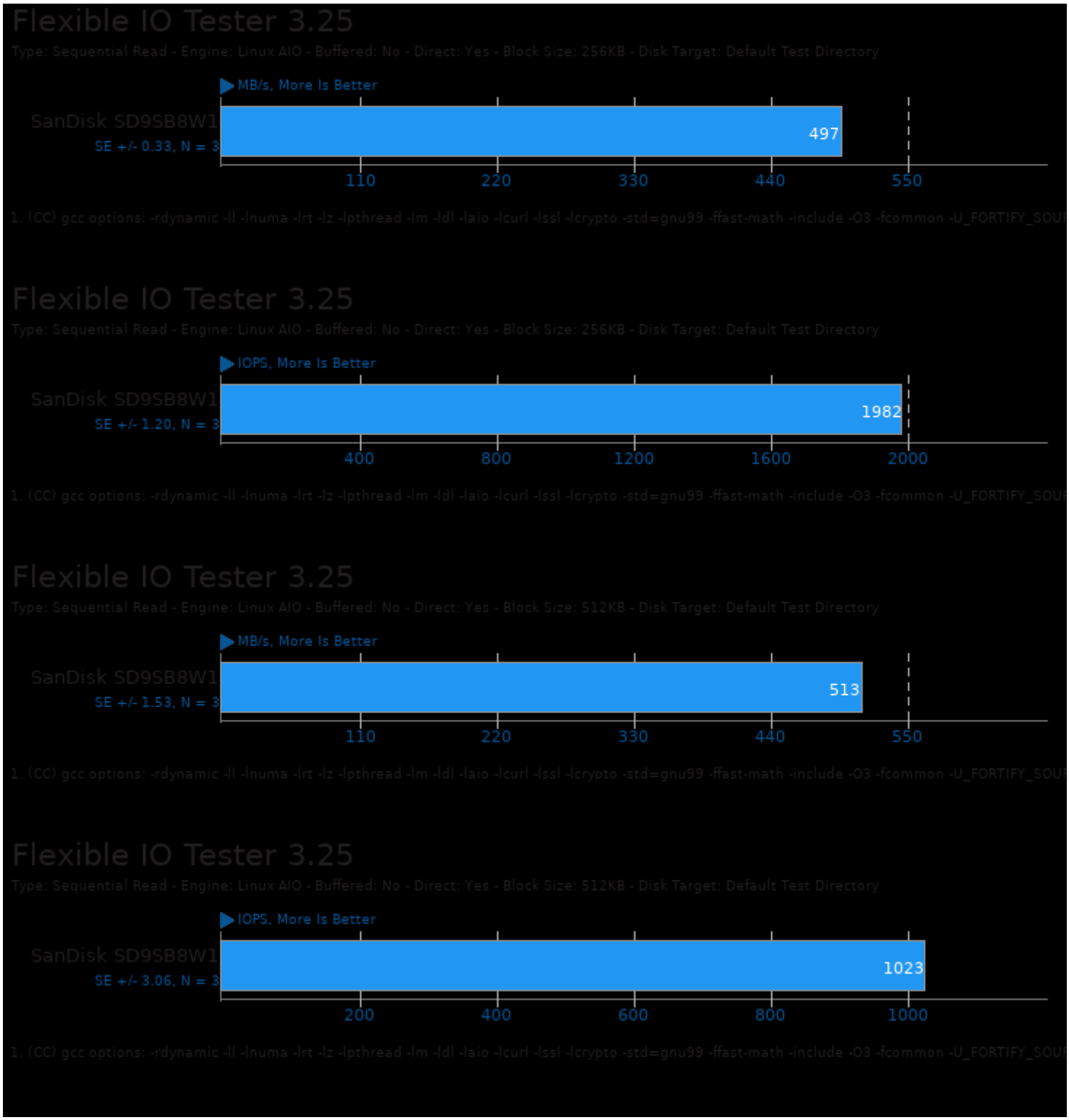
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 10.02, N = 12
226
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 2.54, N = 12
53
12
24
36
48
60
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 7.48, N = 12
138
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 975.34, N = 12
17608
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

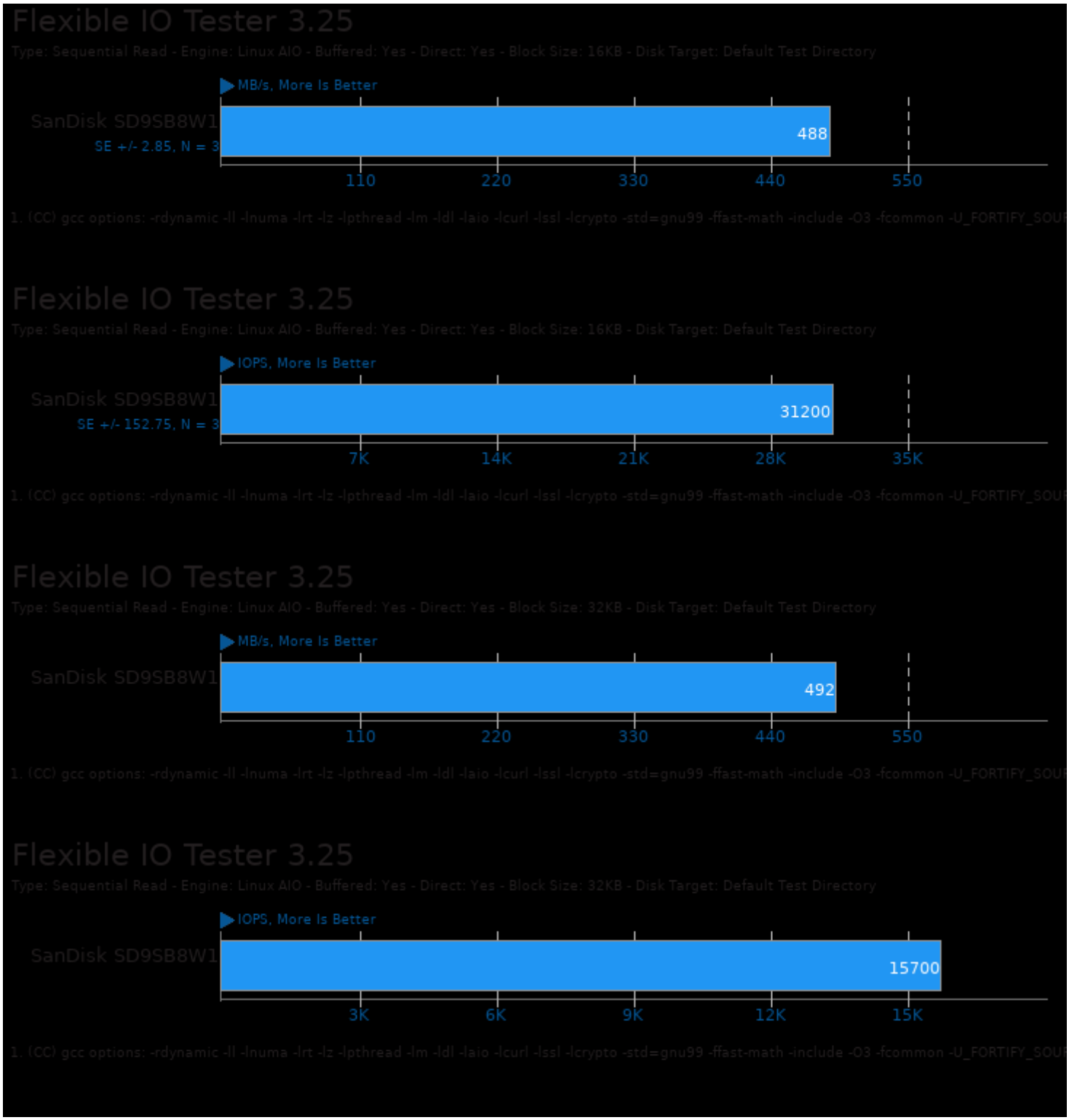
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 10.32, N = 15
222
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.32, N = 15
24
6
12
18
24
30
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 1.76, N = 3
507
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 14.22, N = 3
4056
900
1800
2700
3600
4500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

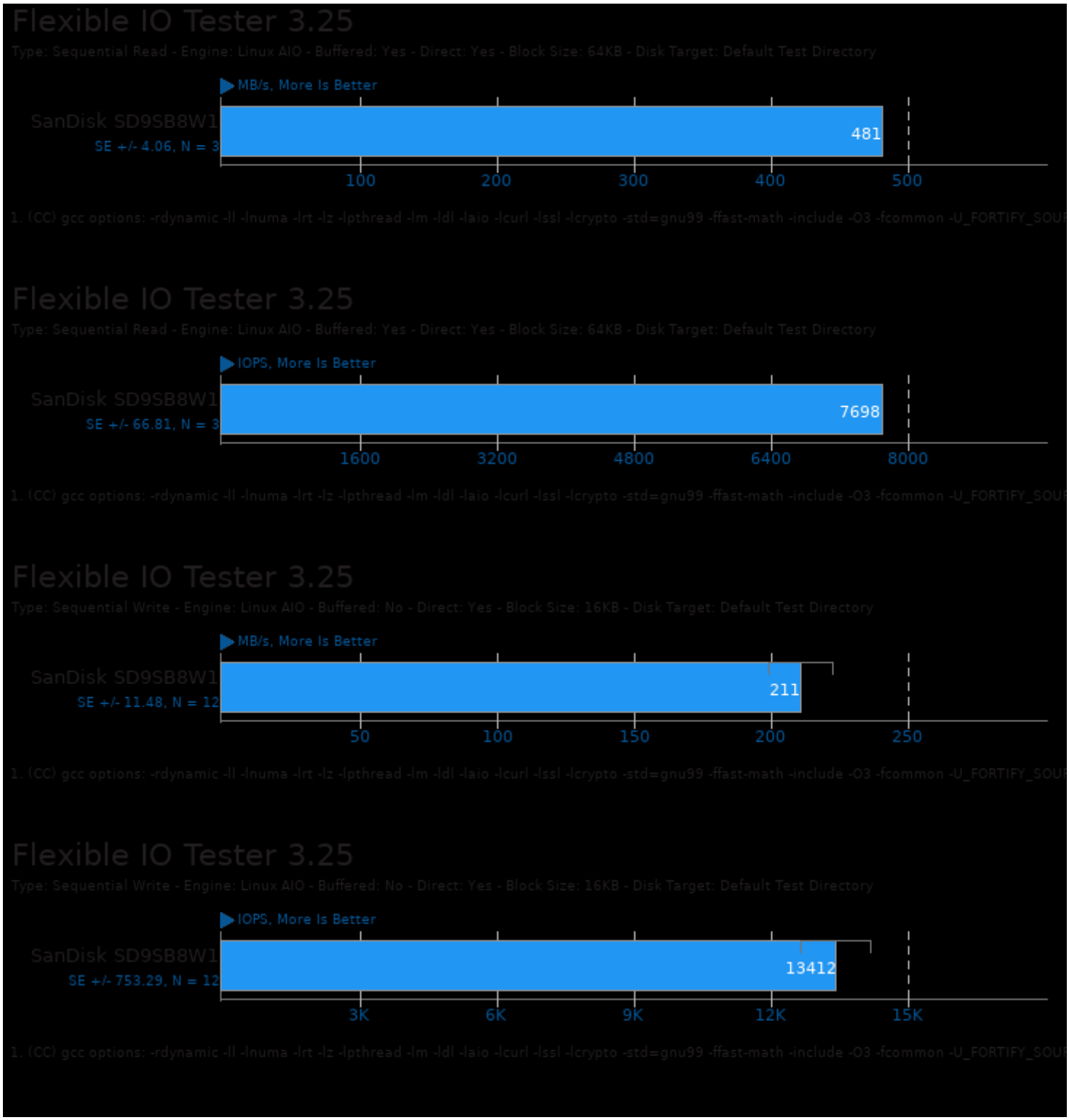
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 0.33, N = 3
497
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.20, N = 3
1982
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 1.53, N = 3
513
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 3.06, N = 3
1023
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

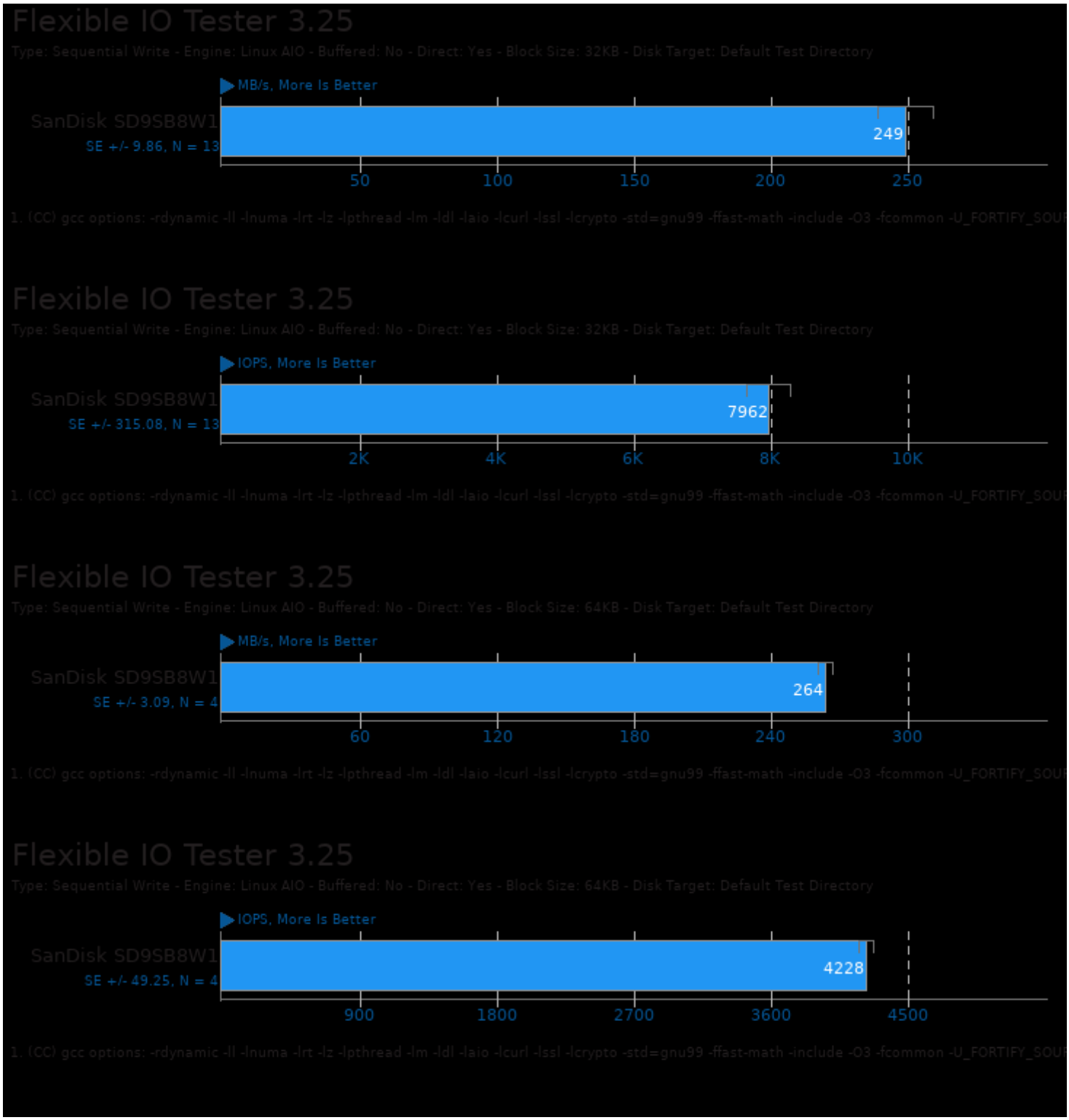
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.85, N = 3
488
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 152.75, N = 3
31200
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
492
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
15700
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

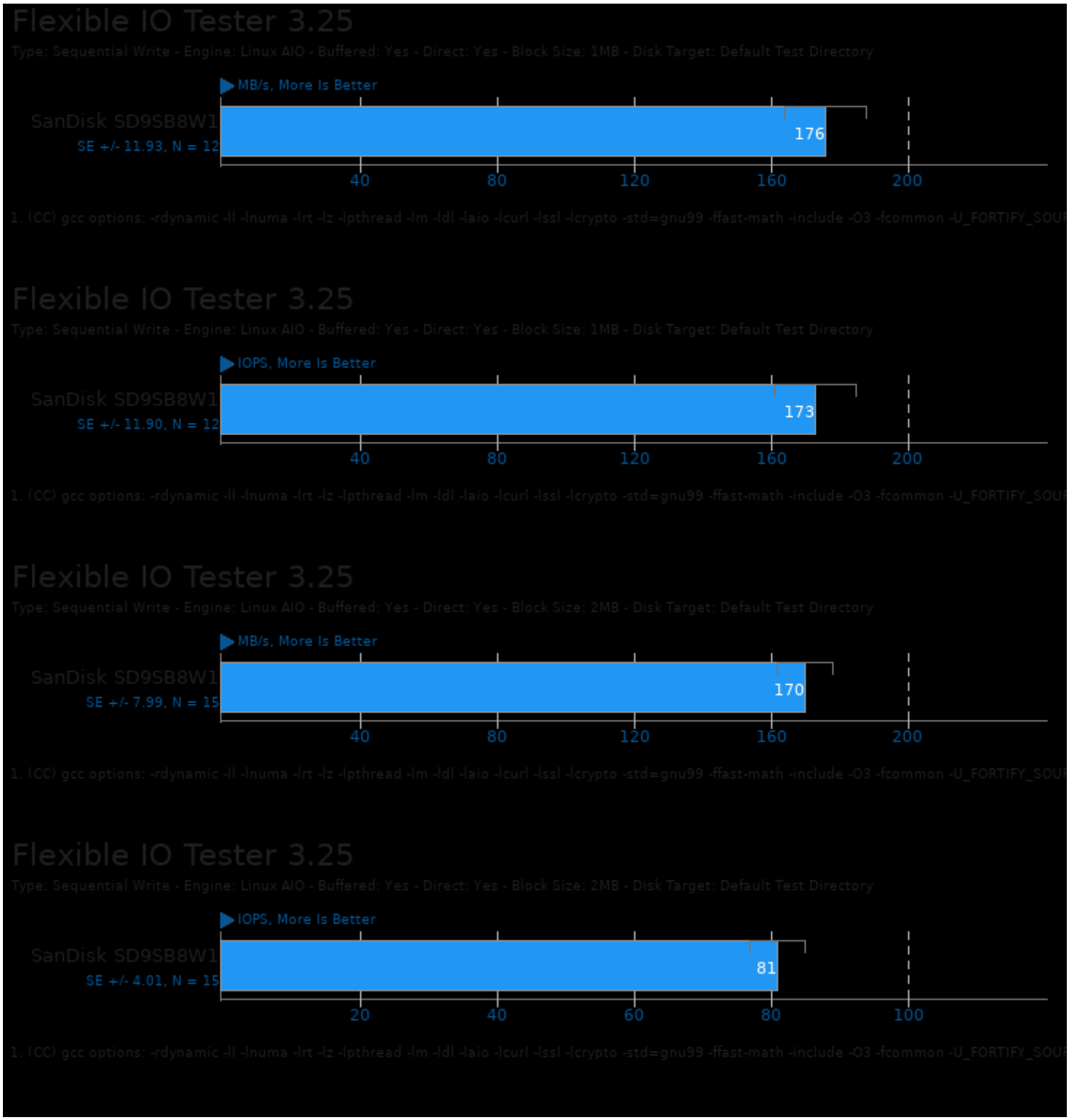
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 4.06, N = 3
481
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 66.81, N = 3
7698
1600
3200
4800
6400
8000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 11.48, N = 12
211
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 753.29, N = 12
13412
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

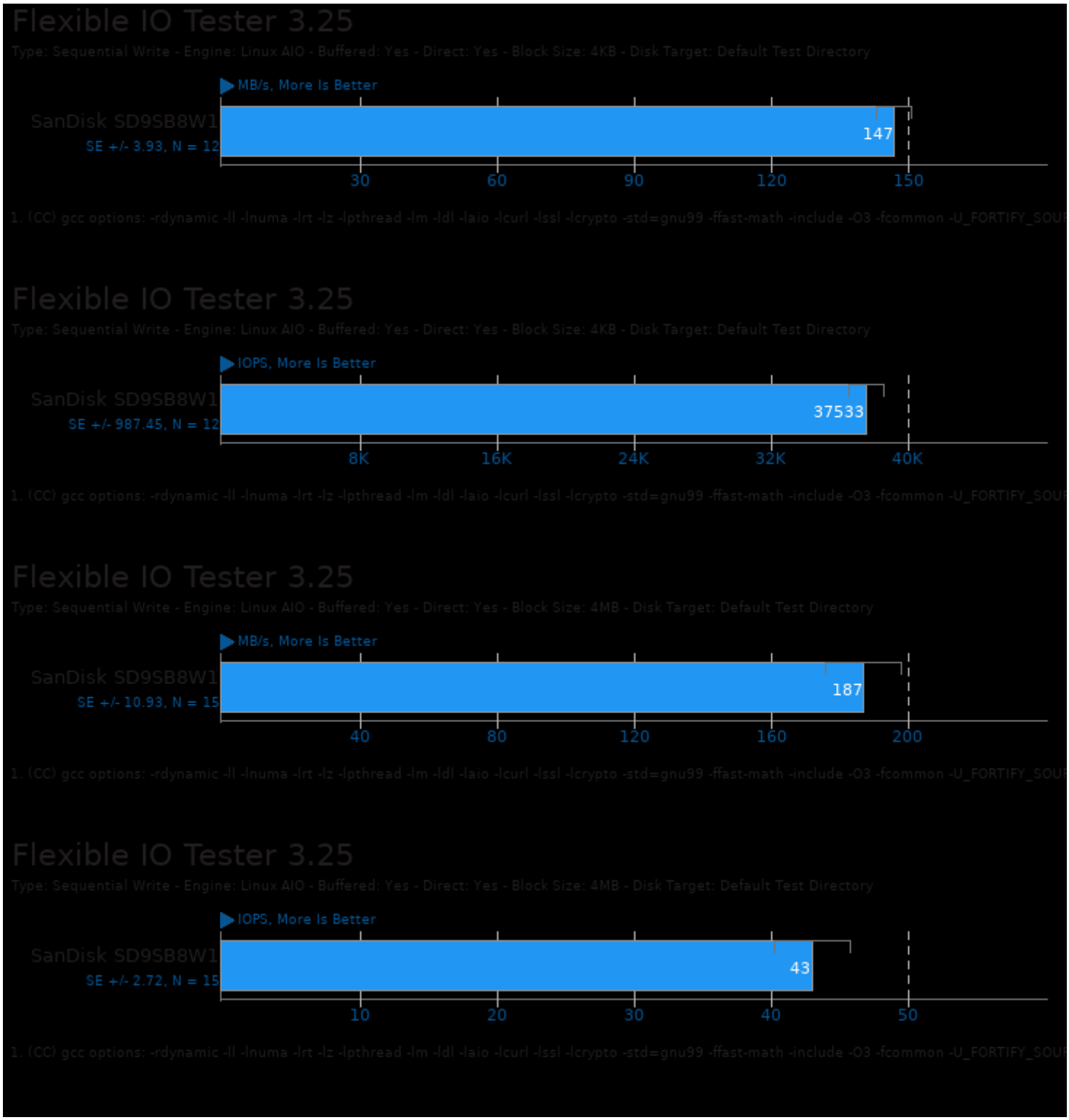
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 9.86, N = 13
249
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 315.08, N = 13
7962
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.09, N = 4
264
60
120
180
240
300
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 49.25, N = 4
4228
900
1800
2700
3600
4500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

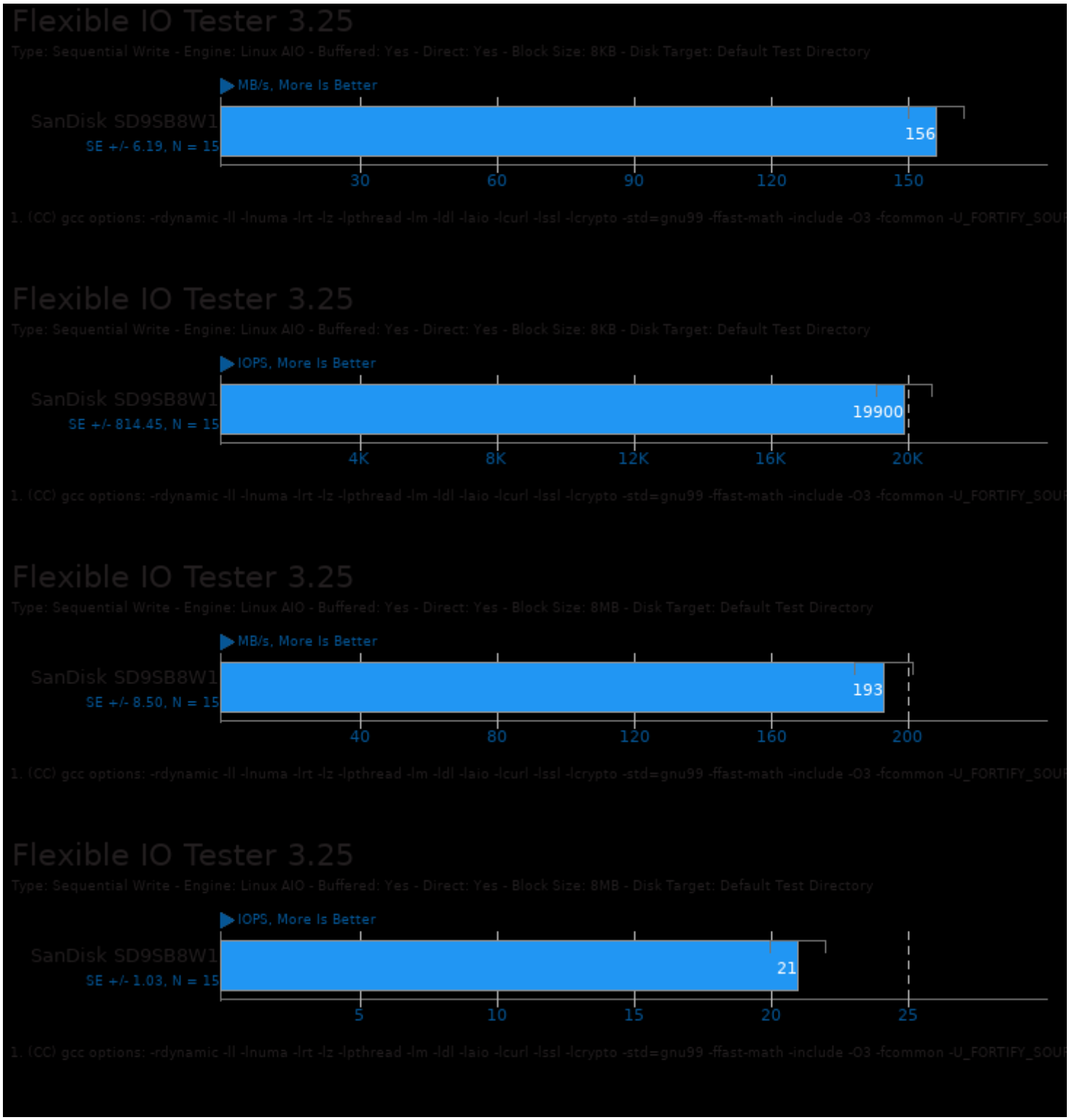
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 11.93, N = 12
176
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 11.90, N = 12
173
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 7.99, N = 15
170
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 4.01, N = 15
81
20
40
60
80
100
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

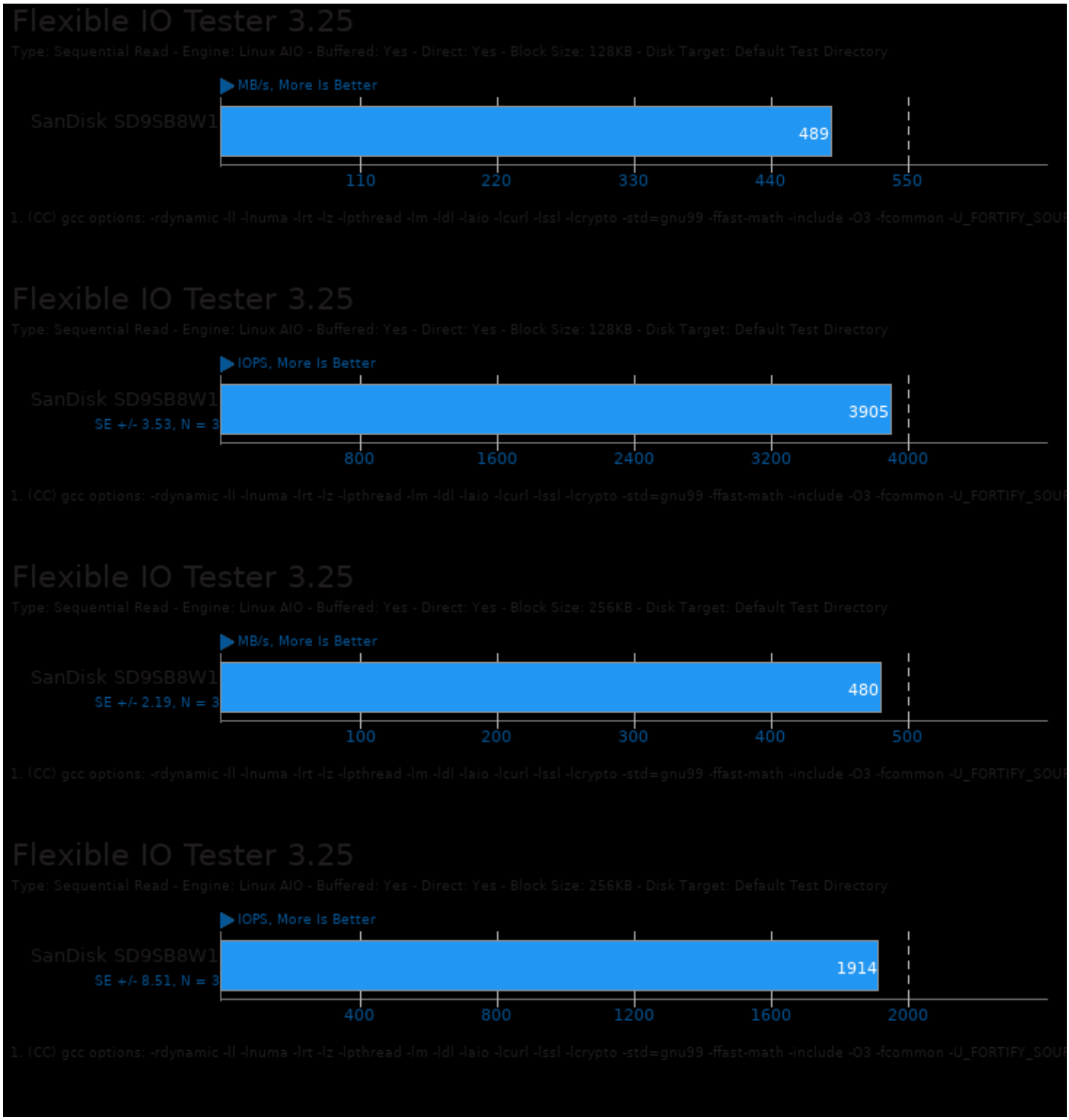
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 3.93, N = 12
147
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 987.45, N = 12
37533
8K
16K
24K
32K
40K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 10.93, N = 15
187
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 2.72, N = 15
43
10
20
30
40
50
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

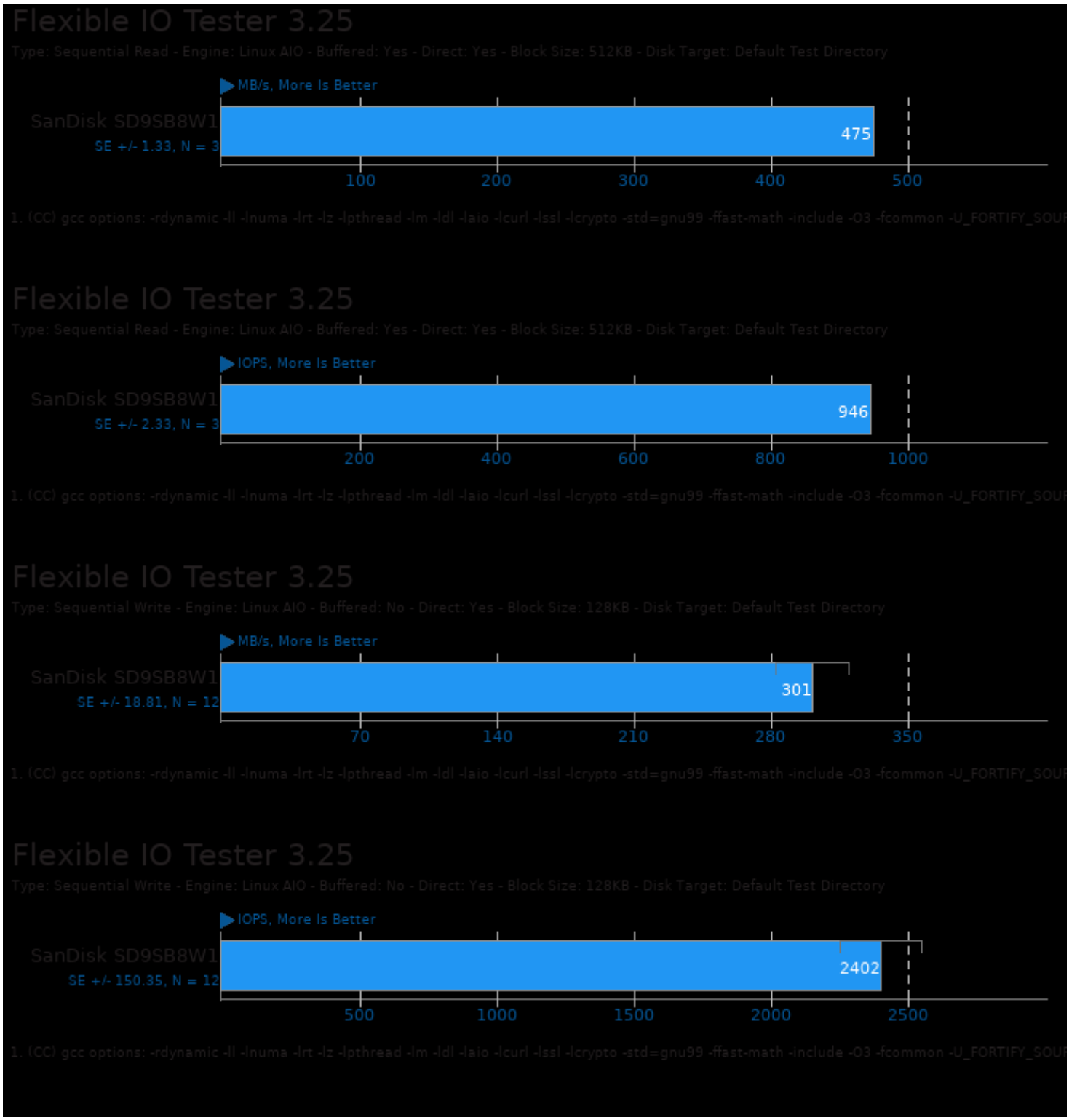
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.19, N = 15
156
30
60
90
120
150
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 814.45, N = 15
19900
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 8.50, N = 15
193
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 1.03, N = 15
21
5
10
15
20
25
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

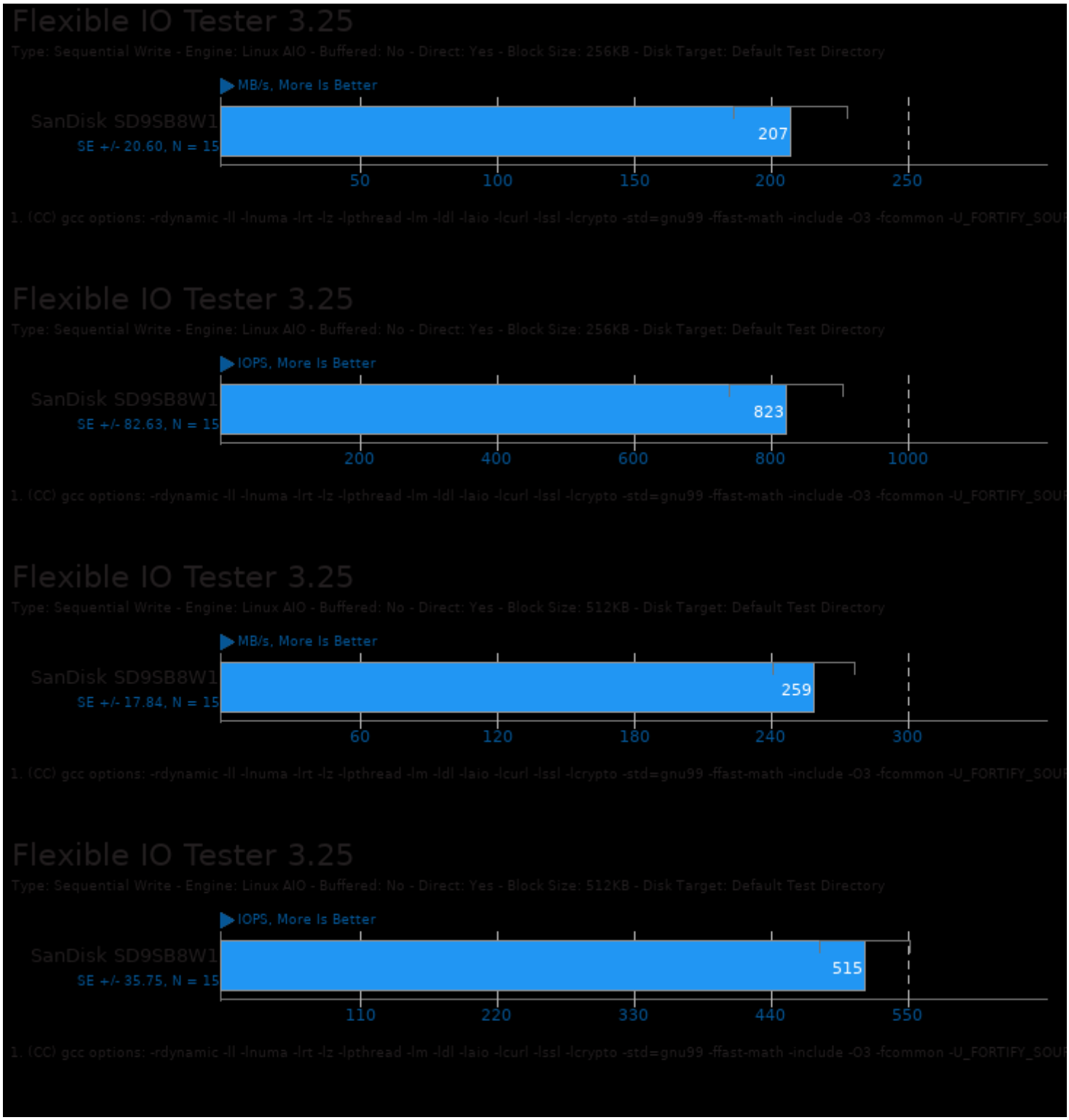
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
489
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 3.53, N = 3
3905
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 2.19, N = 3
480
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 8.51, N = 3
1914
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

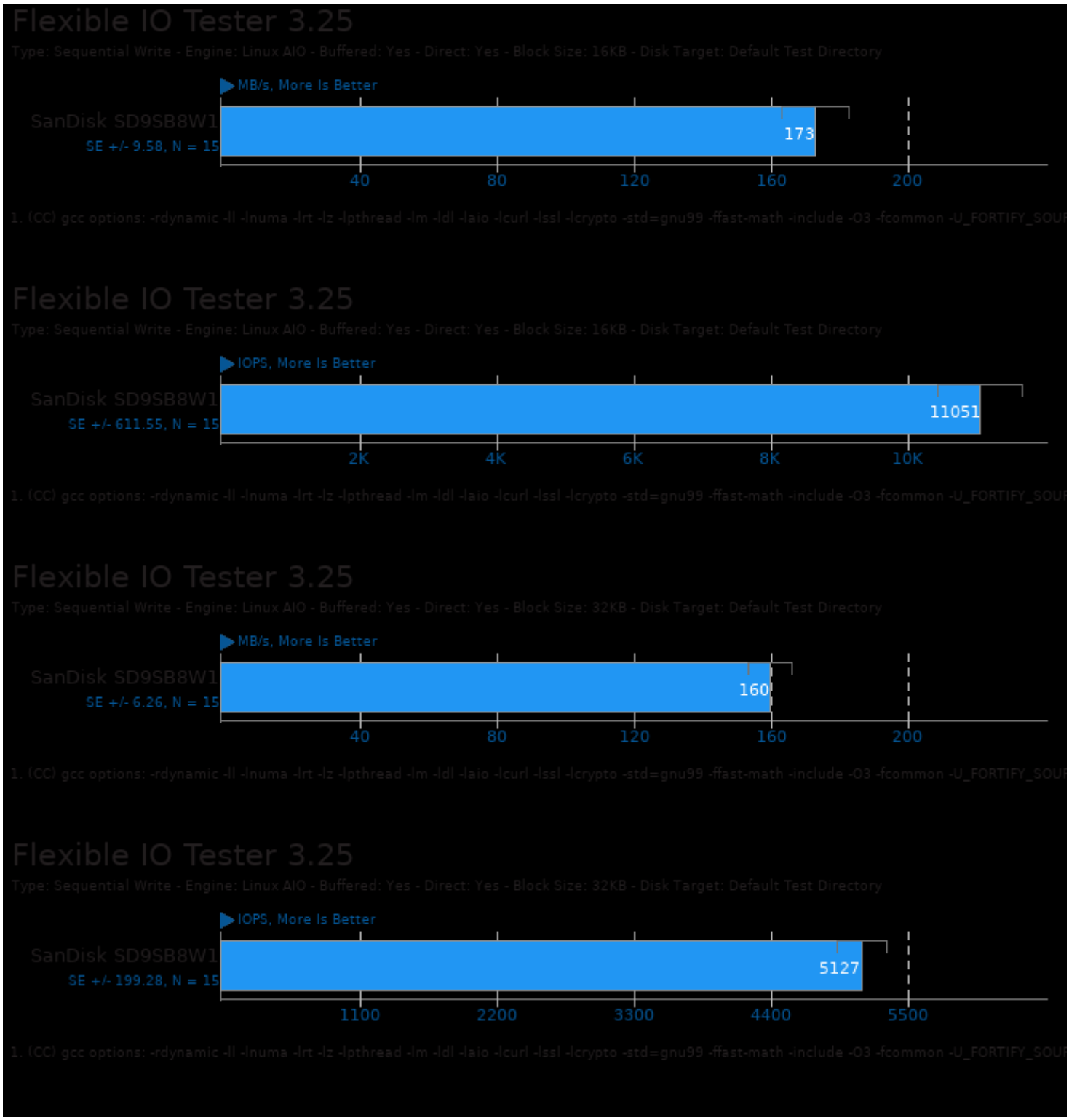
test-fio


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 1.33, N = 3
475
100
200
300
400
500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 2.33, N = 3
946
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 18.81, N = 12
301
70
140
210
280
350
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 150.35, N = 12
2402
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

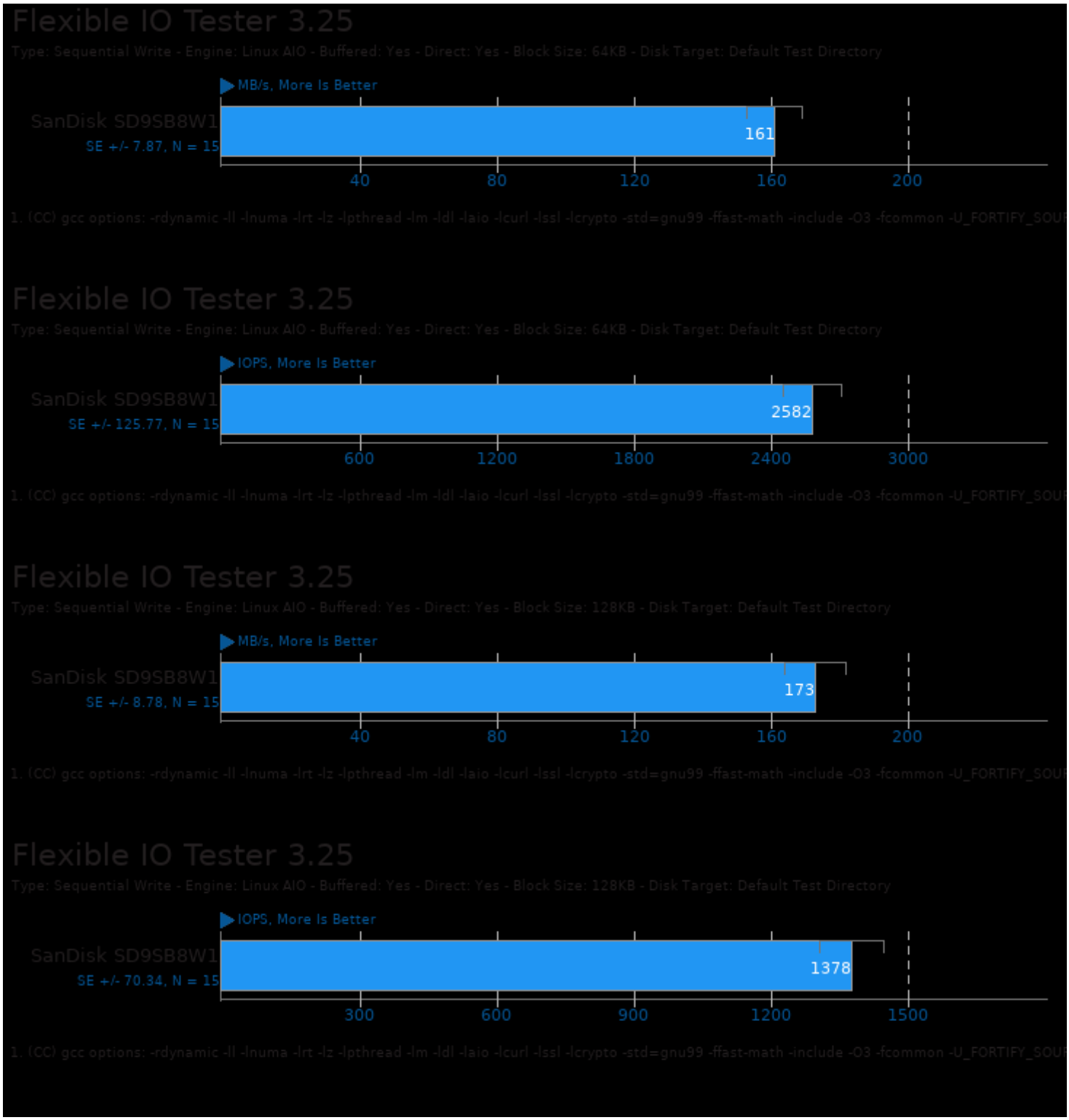
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 20.60, N = 15
207
50
100
150
200
250
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 82.63, N = 15
823
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 17.84, N = 15
259
60
120
180
240
300
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 35.75, N = 15
515
110
220
330
440
550
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

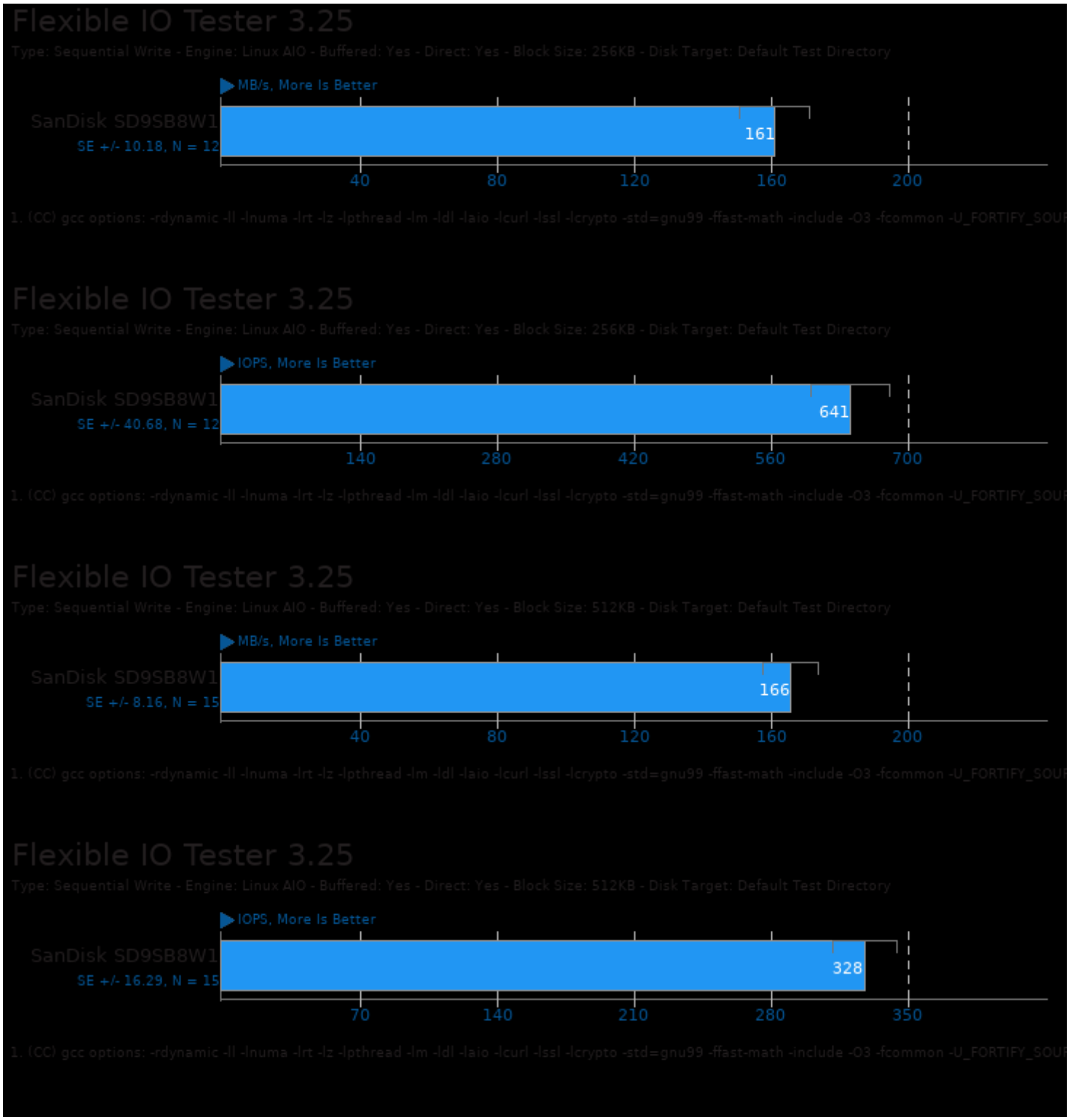
test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 9.58, N = 15
173
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 611.55, N = 15
11051
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 6.26, N = 15
160
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 199.28, N = 15
5127
1100
2200
3300
4400
5500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio

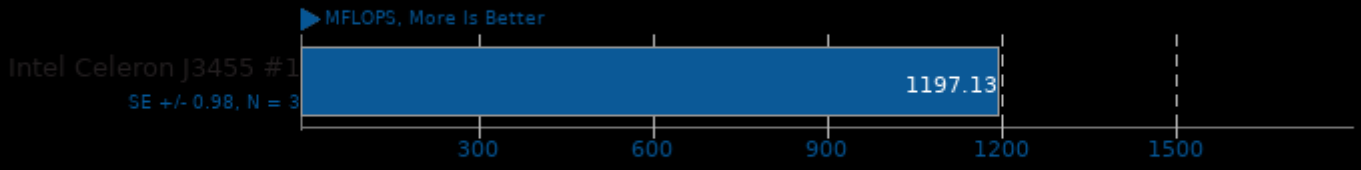

Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 7.87, N = 15
161
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 125.77, N = 15
2582
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 8.78, N = 15
173
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 70.34, N = 15
1378
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

test-fio


Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 10.18, N = 12
161
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 40.68, N = 12
641
140
280
420
560
700
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
SanDisk SD9SB8W1
SE +/- 8.16, N = 15
166
40
80
120
160
200
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
SanDisk SD9SB8W1
SE +/- 16.29, N = 15
328
70
140
210
280
350
1. (CC) gcc options: -rdynamic -ll -lnuma -lrt -lz -lpthread -lm -ldl -laio -lcurl -lssl -lcrypto -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOU

Himeno Benchmark 3.0

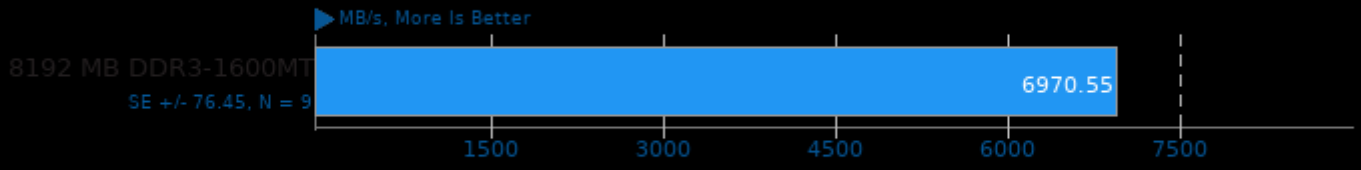
Poisson Pressure Solver



1. (CC) gcc options: -O3

RAMspeed SMP 3.5.0

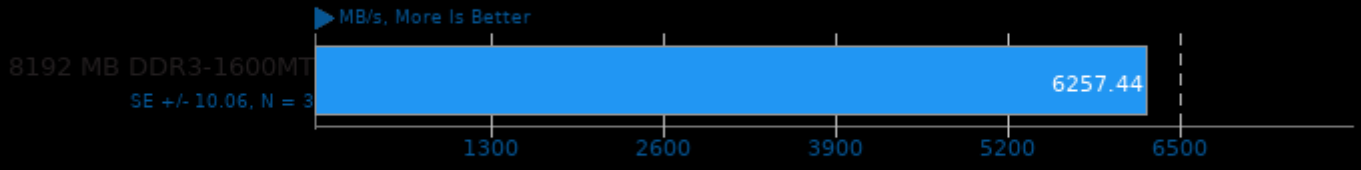
Type: Add - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

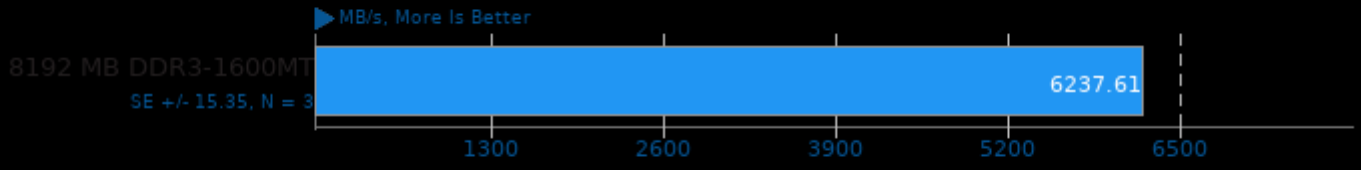
Type: Copy - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

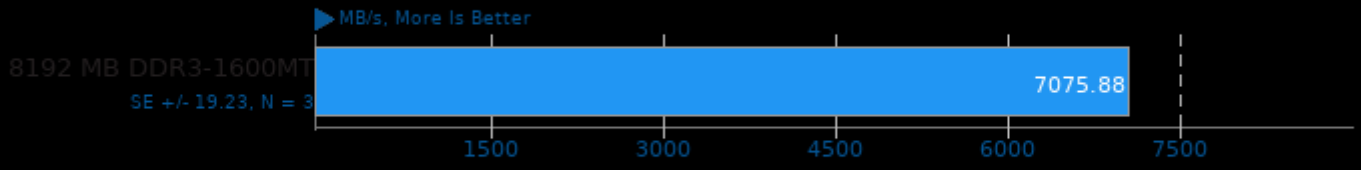
Type: Scale - Benchmark: Integer



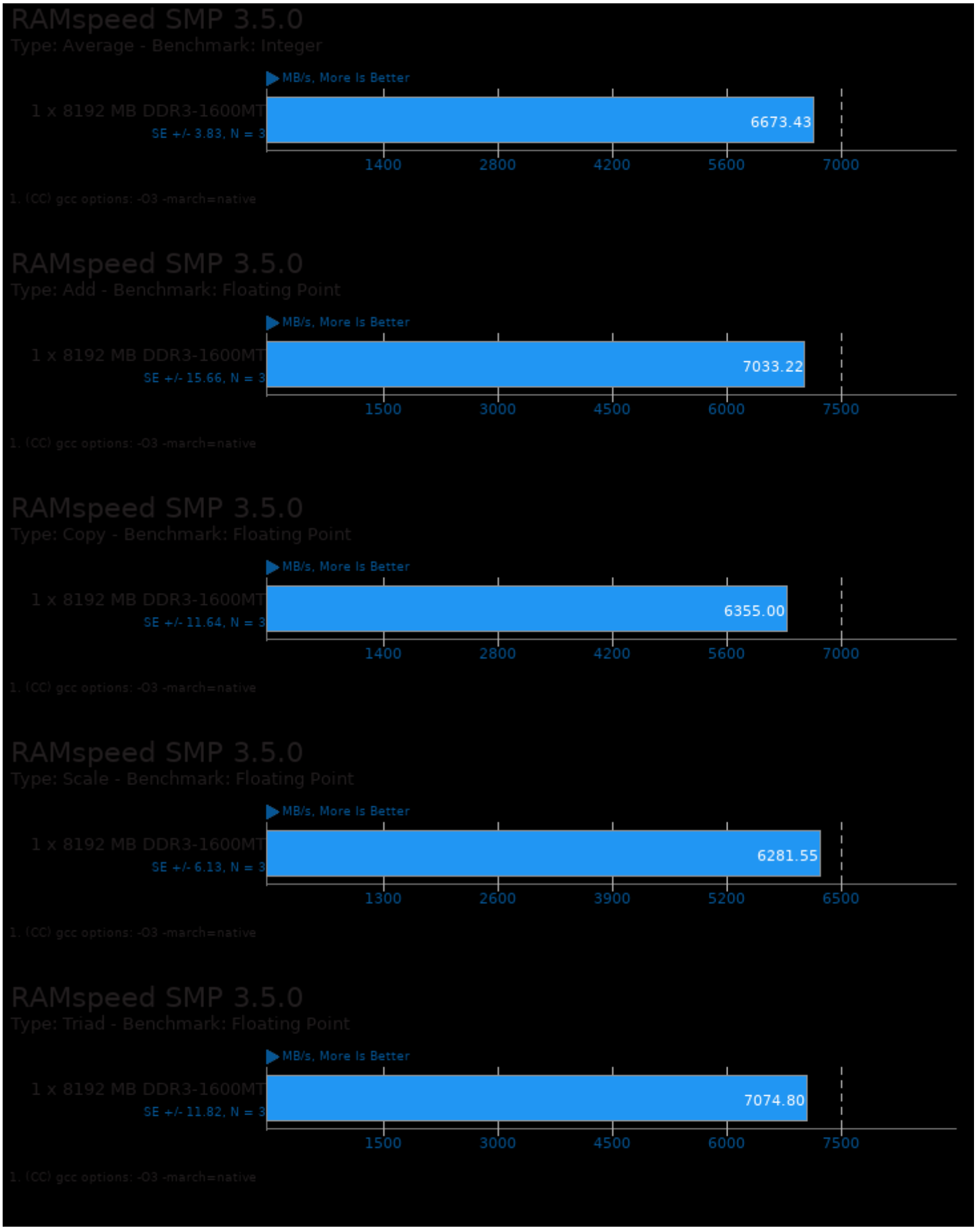
1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Triad - Benchmark: Integer

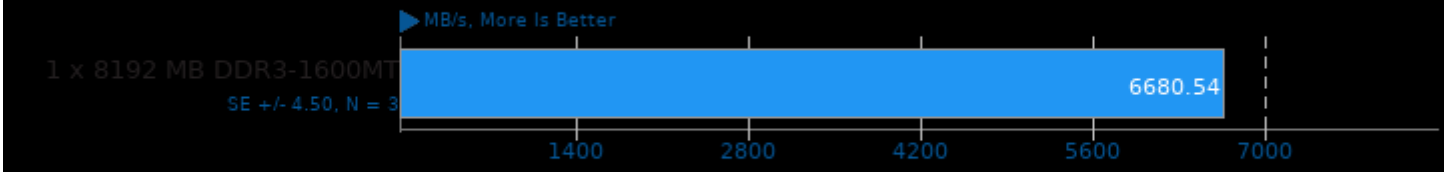


1. (CC) gcc options: -O3 -march=native


RAMspeed SMP 3.5.0
Type: Average - Benchmark: Integer
MB/s, More Is Better
1 x 8192 MB DDR3-1600MT
SE +/- 3.83, N = 3
6673.43
1400
2800
4200
5600
7000
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Add - Benchmark: Floating Point
MB/s, More Is Better
1 x 8192 MB DDR3-1600MT
SE +/- 15.66, N = 3
7033.22
1500
3000
4500
6000
7500
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Copy - Benchmark: Floating Point
MB/s, More Is Better
1 x 8192 MB DDR3-1600MT
SE +/- 11.64, N = 3
6355.00
1400
2800
4200
5600
7000
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Scale - Benchmark: Floating Point
MB/s, More Is Better
1 x 8192 MB DDR3-1600MT
SE +/- 6.13, N = 3
6281.55
1300
2600
3900
5200
6500
1. (CC) gcc options: -O3 -march=native
RAMspeed SMP 3.5.0
Type: Triad - Benchmark: Floating Point
MB/s, More Is Better
1 x 8192 MB DDR3-1600MT
SE +/- 11.82, N = 3
7074.80
1500
3000
4500
6000
7500
1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

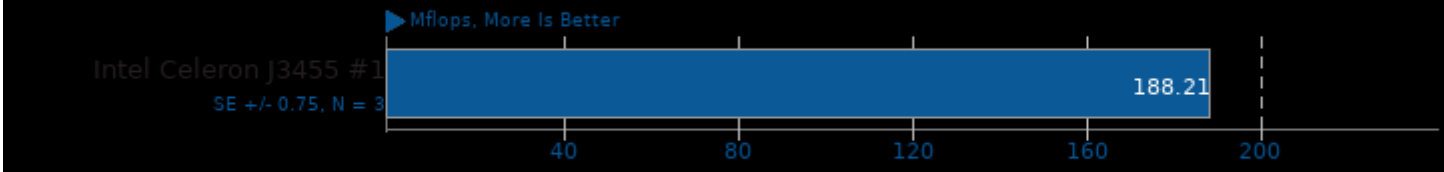
Type: Average - Benchmark: Floating Point



1. (CC) gcc options: -O3 -march=native

SciMark 2.0

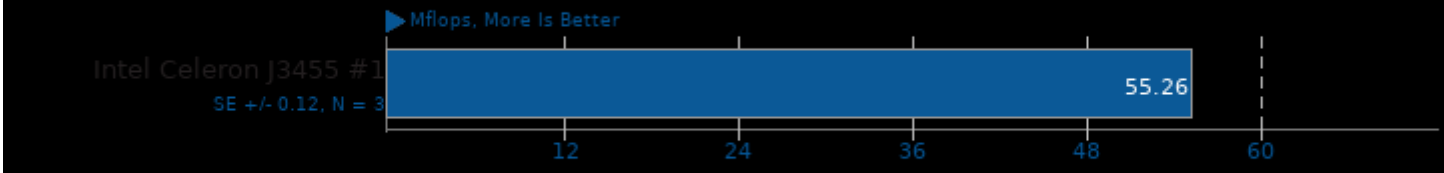
Computational Test: Composite



1. (CC) gcc options: -lm

SciMark 2.0

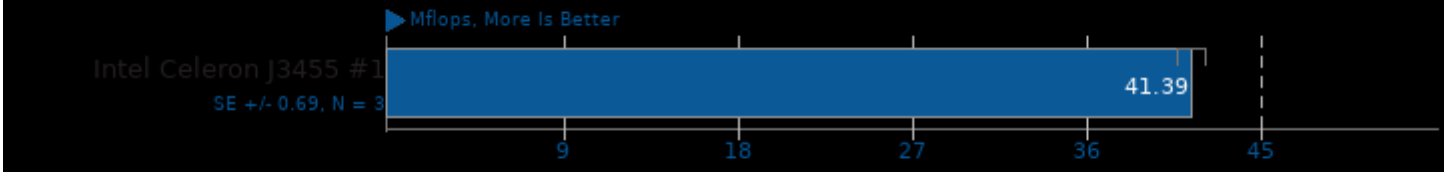
Computational Test: Monte Carlo



1. (CC) gcc options: -lm

SciMark 2.0

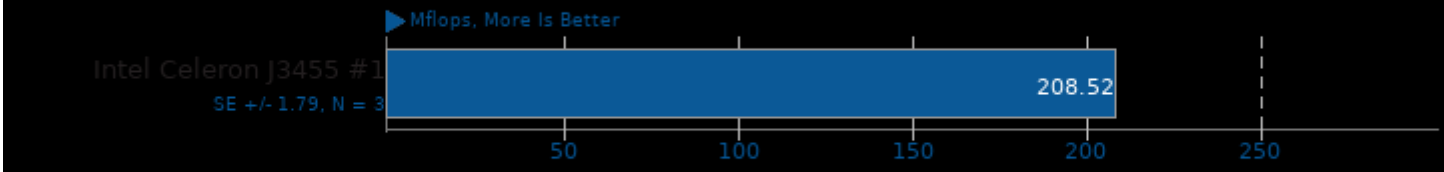
Computational Test: Fast Fourier Transform



1. (CC) gcc options: -lm

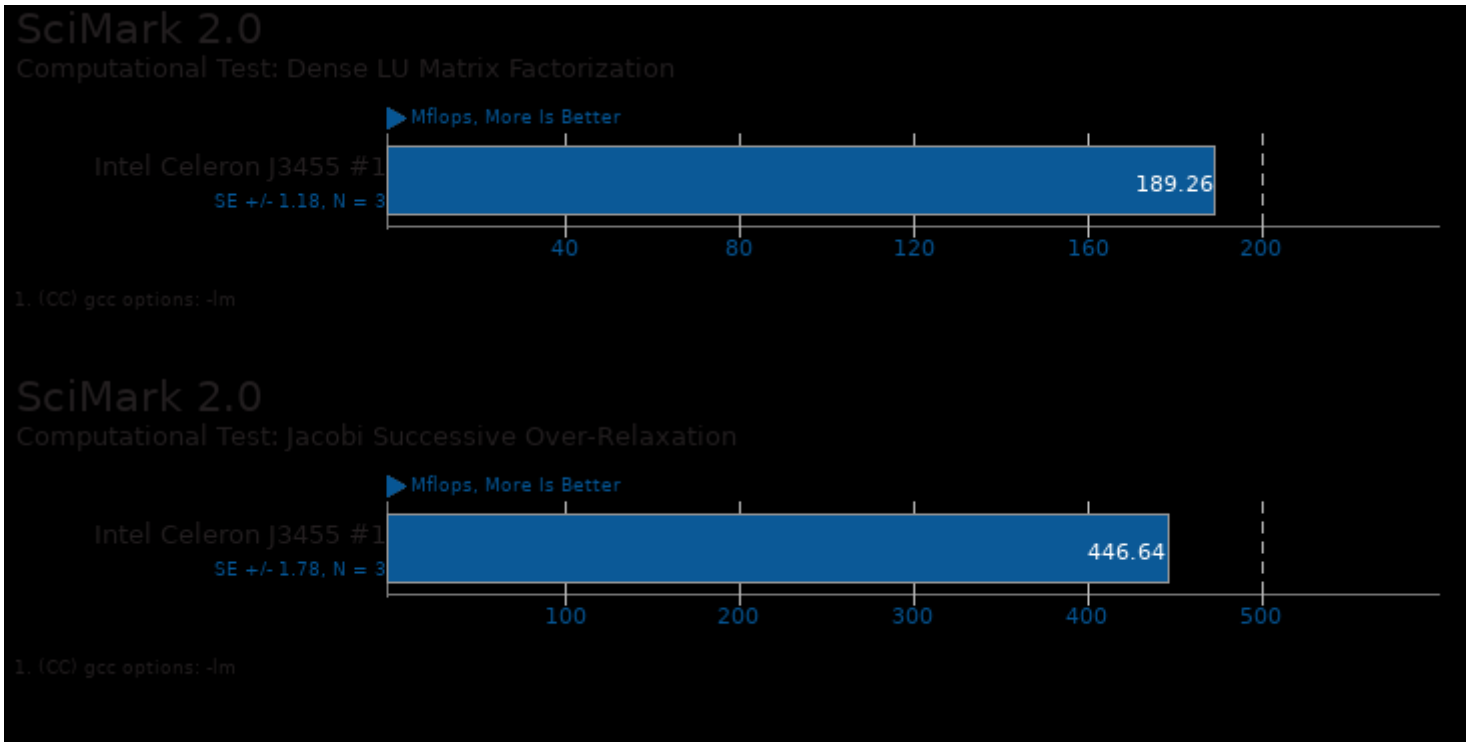
SciMark 2.0

Computational Test: Sparse Matrix Multiply



1. (CC) gcc options: -lm

test-fio



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