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disktest1

Intel Xeon E5-2620 v4 testing with a Beiliande X10DRi (3.4a BIOS) and astdrmfb on CentOS Linux 7 via the Phoronix Test Suite.

Automated Executive Summary

raid1 had the most wins, coming in first place for 50% of the tests.

Based on the geometric mean of all complete results, the fastest (raid1) was 2.162x the speed of the slowest (singeldisk).

The results with the greatest spread from best to worst included:

Flexible IO Tester (Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory) at 7.621x
Flexible IO Tester (Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory) at 7.619x
Flexible IO Tester (Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory) at 7.608x
Flexible IO Tester (Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory) at 7.588x
Flexible IO Tester (Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target:

Default Test Directory) at 7.387x
Flexible IO Tester (Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory) at 7.35x
Flexible IO Tester (Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory) at 7.331x
Flexible IO Tester (Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory) at 7.295x
Flexible IO Tester (Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory) at 7.24x
Flexible IO Tester (Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory) at 7.174x.

Test Systems:

raid1

Processor: Intel Xeon E5-2620 v4 @ 3.00GHz (8 Cores / 16 Threads), Motherboard: Beiliande X10DRi (3.4a BIOS), Memory: 1 x 16384 MB DDR4-2133MT/s, Disk: 480GB MR9361-8i, Graphics: astdrmfb, Monitor: BenQ GL2055

OS: CentOS Linux 7, Kernel: 3.10.0-1160.el7.x86_64 (x86_64), Compiler: GCC 8.3.1 20190311, File-System: xfs, Screen Resolution: 1600x900

Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/opt/rh/devtoolset-8/root/usr/share/man --with-arch_32=x86-64 --with-default-libstdcxx-abi=gcc4-compatible --with-gcc-major-version-only --with-linker-hash-style=gnu --with-tune=generic
Disk Notes: DEADLINE / attr2,inode64,logbsize=256k,noquota,relatime,rw,seclabel,sunit=512,swidth=512 / Block Size: 4096
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xb00003e
Python Notes: Python 2.7.5 + Python 3.6.8
Security Notes: SELinux + itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of Load fences usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full retpoline IBPB + srbds: Not affected + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

singeldisk

Processor: Intel Xeon E5-2620 v4 @ 3.00GHz (8 Cores / 16 Threads), Motherboard: Beiliande X10DRi (3.4a BIOS), Memory: 1 x 16384 MB DDR4-2133MT/s, Disk: 480GB SATA ER2-CD480A, Graphics: astdrmfb, Monitor: BenQ GL2055

OS: CentOS Linux 7, Kernel: 3.10.0-1160.el7.x86_64 (x86_64), Compiler: GCC 8.3.1 20190311, File-System: xfs, Screen Resolution: 1600x900

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Disk Notes: DEADLINE / attr2,inode64,logbsize=256k,noquota,relatime,rw,seclabel,sunit=512,swidth=512 / Block Size: 4096
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xb00003e
Python Notes: Python 2.7.5 + Python 3.6.8
Security Notes: SELinux + itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of

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Load fences usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full retpoline IBPB + srbds: Not affected + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

	raid1	singeldisk
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB (IOPS)	**1323**	**180**
Normalized	100%	13.61%
Standard Deviation		2.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB (IOPS)	**675**	**114**
Normalized	100%	16.89%
Standard Deviation	2.4%	
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB (IOPS)	**31567**	**8472**
Normalized	100%	26.84%
Standard Deviation	0.8%	0.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB (IOPS)	**331**	**67**
Normalized	100%	20.24%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB (IOPS)	**28933**	**6254**
Normalized	100%	21.62%
Standard Deviation	0.7%	0.4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB (IOPS)	**169**	**37**
Normalized	100%	21.89%
Standard Deviation	2%	
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB (IOPS)	**26233**	**4833**
Normalized	100%	18.42%
Standard Deviation	1.7%	0.7%
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB (IOPS)	**21233**	**3470**
Normalized	100%	16.34%
Standard Deviation	1.5%	4%
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB (IOPS)	**15560**	**2319**
Normalized	100%	14.9%
Standard Deviation	2.4%	1.3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 1MB (IOPS)	**384**	**414**
Normalized	92.75%	100%
Standard Deviation		6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB (IOPS)	**192**	**204**
Normalized	94.12%	100%
Standard Deviation	0.3%	0.6%

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Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB (IOPS)	**84967**	**83733**
Normalized	100%	98.55%
Standard Deviation	3.4%	1.3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4MB (IOPS)	**96**	**101**
Normalized	95.05%	100%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB (IOPS)	**45067**	**45833**
Normalized	98.33%	100%
Standard Deviation	1%	0.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8MB (IOPS)	**47**	**52**
Normalized	90.38%	100%
Flexible IO Tester - Rand Read - Sync - Yes - No - 128KB (IOPS)	**9940**	**1392**
Normalized	100%	14%
Standard Deviation	0.6%	1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 256KB (IOPS)	**5371**	**706**
Normalized	100%	13.14%
Standard Deviation	1.4%	2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 512KB (IOPS)	**2697**	**354**
Normalized	100%	13.13%
Standard Deviation	1.7%	1.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB (IOPS)	**24000**	**24067**
Normalized	99.72%	100%
Standard Deviation	4.3%	0.2%
Flexible IO Tester - Rand Write - Sync - Yes - No - 32KB (IOPS)	**11973**	**12800**
Normalized	93.54%	100%
Standard Deviation	4%	1.4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 64KB (IOPS)	**5969**	**6652**
Normalized	89.73%	100%
Standard Deviation	0.1%	2.4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 128KB (IOPS)	**3026**	**3267**
Normalized	92.62%	100%
Standard Deviation	0.5%	4.8%
Flexible IO Tester - Rand Write - Sync - Yes - No - 256KB (IOPS)	**1520**	**1652**
Normalized	92.01%	100%
Standard Deviation	0.2%	3.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 512KB (IOPS)	**761**	**811**
Normalized	93.83%	100%
Standard Deviation	1.5%	4.1%

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Flexible IO Tester - Seq Read - Sync - Yes - No - 1MB (IOPS)	**2737**	**439**
Normalized	100%	16.04%
Standard Deviation	0.3%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 2MB (IOPS)	**1380**	**220**
Normalized	100%	15.94%
Standard Deviation	1%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 4KB (IOPS)	**448000**	**113000**
Normalized	100%	25.22%
Standard Deviation	0.6%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 4MB (IOPS)	**698**	**110**
Normalized	100%	15.76%
Standard Deviation	0.4%	0.5%
Flexible IO Tester - Seq Read - Sync - Yes - No - 8KB (IOPS)	**279000**	**56367**
Normalized	100%	20.2%
Standard Deviation	0.4%	0.1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 8MB (IOPS)	**351**	**54**
Normalized	100%	15.38%
Standard Deviation	0.6%	
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 1MB (IOPS)	**1267**	**175**
Normalized	100%	13.81%
Standard Deviation	1.8%	1%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 2MB (IOPS)	**631**	**112**
Normalized	100%	17.75%
Standard Deviation	0.6%	0.9%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4KB (IOPS)	**30467**	**8311**
Normalized	100%	27.28%
Standard Deviation	0.7%	0.1%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4MB (IOPS)	**313**	**66**
Normalized	100%	21.09%
Standard Deviation	1%	
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 8KB (IOPS)	**28367**	**6169**
Normalized	100%	21.75%
Standard Deviation	1.8%	0.1%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 8MB (IOPS)	**156**	**36**
Normalized	100%	23.08%
Standard Deviation	1%	
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 1MB (IOPS)	**1179**	**175**
Normalized	100%	14.84%
Standard Deviation	1.6%	2.4%

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Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 2MB (IOPS)	**583**	**112**
Normalized	100%	19.21%
Standard Deviation	1.8%	
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 4KB (IOPS)	**33000**	**8405**
Normalized	100%	25.47%
Standard Deviation		0.1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 4MB (IOPS)	**300**	**67**
Normalized	100%	22.33%
Standard Deviation	0.2%	
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 8KB (IOPS)	**31167**	**6312**
Normalized	100%	20.25%
Standard Deviation	1.6%	0.8%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 8MB (IOPS)	**151**	**34**
Normalized	100%	22.52%
Standard Deviation	0.8%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 16KB (IOPS)	**161000**	**28200**
Normalized	100%	17.52%
Standard Deviation	2.2%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 32KB (IOPS)	**86900**	**14100**
Normalized	100%	16.23%
Standard Deviation	1.5%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 64KB (IOPS)	**43967**	**7041**
Normalized	100%	16.01%
Standard Deviation	1.9%	0%
Flexible IO Tester - Seq Write - Sync - Yes - No - 1MB (IOPS)	**382**	**407**
Normalized	93.86%	100%
Standard Deviation	0.4%	1.4%
Flexible IO Tester - Seq Write - Sync - Yes - No - 2MB (IOPS)	**190**	**201**
Normalized	94.53%	100%
Standard Deviation	2.3%	4.1%
Flexible IO Tester - Seq Write - Sync - Yes - No - 4KB (IOPS)	**88567**	**94667**
Normalized	93.56%	100%
Standard Deviation	0.8%	1.9%
Flexible IO Tester - Seq Write - Sync - Yes - No - 4MB (IOPS)	**94**	**102**
Normalized	92.16%	100%
Standard Deviation	1.1%	3.4%
Flexible IO Tester - Seq Write - Sync - Yes - No - 8KB (IOPS)	**48453**	**50333**
Normalized	96.26%	100%
Standard Deviation	4.3%	1.2%

Flexible IO Tester - Seq Write - Sync - Yes - No - 8MB (IOPS)	**47**	**53**
Normalized	88.68%	100%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 16KB (IOPS)	**24633**	**4784**
Normalized	100%	19.42%
Standard Deviation	1.9%	0.7%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 32KB (IOPS)	**20300**	**3362**
Normalized	100%	16.56%
Standard Deviation	2.3%	3.8%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 64KB (IOPS)	**15367**	**2289**
Normalized	100%	14.9%
Standard Deviation	1%	1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 16KB (IOPS)	**26733**	**4873**
Normalized	100%	18.23%
Standard Deviation	1.8%	0.6%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 32KB (IOPS)	**21900**	**3464**
Normalized	100%	15.82%
Standard Deviation	2.4%	4.6%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 64KB (IOPS)	**15833**	**2334**
Normalized	100%	14.74%
Standard Deviation	1.5%	1.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 1MB (IOPS)	**372**	**446**
Normalized	83.41%	100%
Standard Deviation	0.7%	
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 2MB (IOPS)	**185**	**220**
Normalized	84.09%	100%
Standard Deviation	0.3%	0.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB (IOPS)	**77967**	**87360**
Normalized	89.25%	100%
Standard Deviation	0.5%	3.7%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4MB (IOPS)	**94**	**103**
Normalized	91.26%	100%
Standard Deviation	4%	2.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 8KB (IOPS)	**43140**	**45167**
Normalized	95.51%	100%
Standard Deviation	2.5%	1.2%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 8MB (IOPS)	**47**	**51**
Normalized	92.16%	100%
Standard Deviation		4.4%

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Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 1MB (IOPS)	**370**	**410**
Normalized	90.24%	100%
Standard Deviation		1.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 2MB (IOPS)	**191**	**206**
Normalized	92.72%	100%
Standard Deviation	7.9%	3.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4KB (IOPS)	**84747**	**85733**
Normalized	98.85%	100%
Standard Deviation	4.2%	0.3%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4MB (IOPS)	**95**	**102**
Normalized	93.14%	100%
Standard Deviation		0.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 8KB (IOPS)	**43800**	**46687**
Normalized	93.82%	100%
Standard Deviation	0.4%	2.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 8MB (IOPS)	**51**	**56**
Normalized	91.07%	100%
Standard Deviation	2.7%	1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 128KB (IOPS)	**22367**	**3524**
Normalized	100%	15.76%
Standard Deviation	0.9%	0%
Flexible IO Tester - Seq Read - Sync - Yes - No - 256KB (IOPS)	**11300**	**1762**
Normalized	100%	15.59%
Flexible IO Tester - Seq Read - Sync - Yes - No - 512KB (IOPS)	**5448**	**881**
Normalized	100%	16.17%
Standard Deviation	2.3%	
Flexible IO Tester - Seq Write - Sync - Yes - No - 16KB (IOPS)	**23900**	**27033**
Normalized	88.41%	100%
Standard Deviation		1.7%
Flexible IO Tester - Seq Write - Sync - Yes - No - 32KB (IOPS)	**12200**	**13180**
Normalized	92.56%	100%
Standard Deviation		3.9%
Flexible IO Tester - Seq Write - Sync - Yes - No - 64KB (IOPS)	**6072**	**6594**
Normalized	92.08%	100%
Standard Deviation	0.4%	1.4%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 128KB (IOPS)	**3420**	**1400**
Normalized	100%	40.94%
Standard Deviation	1.2%	1.4%

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Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 256KB (IOPS)	**4781**	**694**
Normalized	100%	14.52%
Standard Deviation	15.3%	
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 512KB (IOPS)	**2475**	**345**
Normalized	100%	13.94%
Standard Deviation	0.5%	
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 128KB (IOPS)	**10300**	**1405**
Normalized	100%	13.64%
Standard Deviation	1.7%	1.1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 256KB (IOPS)	**4965**	**704**
Normalized	100%	14.18%
Standard Deviation	0.7%	1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 512KB (IOPS)	**2346**	**349**
Normalized	100%	14.88%
Standard Deviation	0.9%	1.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 16KB (IOPS)	**22740**	**24533**
Normalized	92.69%	100%
Standard Deviation	4.5%	0.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 32KB (IOPS)	**11400**	**12867**
Normalized	88.6%	100%
Standard Deviation	0.9%	0.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 64KB (IOPS)	**6084**	**6746**
Normalized	90.19%	100%
Standard Deviation	3.5%	3.9%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 16KB (IOPS)	**23133**	**24400**
Normalized	94.81%	100%
Standard Deviation	8.2%	1.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 32KB (IOPS)	**11433**	**12700**
Normalized	90.02%	100%
Standard Deviation	1%	1.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 64KB (IOPS)	**6150**	**6735**
Normalized	91.31%	100%
Standard Deviation	4.4%	3.1%
Flexible IO Tester - Seq Write - Sync - Yes - No - 128KB (IOPS)	**3041**	**3261**
Normalized	93.25%	100%
Standard Deviation	0.7%	4%
Flexible IO Tester - Seq Write - Sync - Yes - No - 256KB (IOPS)	**1516**	**1617**
Normalized	93.75%	100%
Standard Deviation	0.3%	3.2%

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Flexible IO Tester - Seq Write - Sync - Yes - No - 512KB (IOPS)	**755**	**837**
Normalized	90.2%	100%
Standard Deviation	0.4%	2.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 128KB (IOPS)	**2970**	**3285**
Normalized	90.41%	100%
Standard Deviation	0.3%	2.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 256KB (IOPS)	**1526**	**1632**
Normalized	93.5%	100%
Standard Deviation	3.2%	1.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 512KB (IOPS)	**750**	**834**
Normalized	89.93%	100%
Standard Deviation	2.4%	3.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 128KB (IOPS)	**3014**	**3296**
Normalized	91.44%	100%
Standard Deviation	3.8%	0.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 256KB (IOPS)	**1519**	**1661**
Normalized	91.45%	100%
Standard Deviation	2.5%	2.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 512KB (IOPS)	**744**	**813**
Normalized	91.51%	100%
Standard Deviation	4.3%	0.8%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 1MB (IOPS)	**1947**	**440**
Normalized	100%	22.6%
Standard Deviation	1.2%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 2MB (IOPS)	**967**	**219**
Normalized	100%	22.65%
Standard Deviation	1.5%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4KB (IOPS)	**323333**	**113000**
Normalized	100%	34.95%
Standard Deviation	0.4%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4MB (IOPS)	**477**	**110**
Normalized	100%	23.06%
Standard Deviation	2%	0.5%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 8KB (IOPS)	**223667**	**56533**
Normalized	100%	25.28%
Standard Deviation	0.9%	0.1%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 8MB (IOPS)	**236**	**54**
Normalized	100%	22.88%
Standard Deviation	1.1%	

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Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 1MB (IOPS)	**1782**	**441**
Normalized	100%	24.75%
Standard Deviation	0.7%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 2MB (IOPS)	**883**	**222**
Normalized	100%	25.14%
Standard Deviation	0.2%	0.3%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 4KB (IOPS)	**434667**	**113000**
Normalized	100%	26%
Standard Deviation	1.1%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 4MB (IOPS)	**448**	**111**
Normalized	100%	24.78%
Standard Deviation	0.4%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 8KB (IOPS)	**260000**	**56300**
Normalized	100%	21.65%
Standard Deviation	1%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 8MB (IOPS)	**226**	**57**
Normalized	100%	25.22%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 16KB (IOPS)	**139333**	**28200**
Normalized	100%	20.24%
Standard Deviation	1.5%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 32KB (IOPS)	**80400**	**14100**
Normalized	100%	17.54%
Standard Deviation	0.6%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 64KB (IOPS)	**40433**	**7046**
Normalized	100%	17.43%
Standard Deviation	1.6%	0.1%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 16KB (IOPS)	**110333**	**28200**
Normalized	100%	25.56%
Standard Deviation	0.5%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 32KB (IOPS)	**59633**	**14100**
Normalized	100%	23.64%
Standard Deviation	0.1%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 64KB (IOPS)	**32667**	**7065**
Normalized	100%	21.63%
Standard Deviation	1.3%	0.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 1MB (IOPS)	**372**	**423**
Normalized	87.94%	100%
Standard Deviation	0.6%	4.6%

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Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 2MB (IOPS)	**189**	**209**
Normalized	90.43%	100%
Standard Deviation	3.6%	4%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4KB (IOPS)	**82620**	**87000**
Normalized	94.97%	100%
Standard Deviation	3.2%	0.2%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4MB (IOPS)	**92**	**104**
Normalized	88.46%	100%
Standard Deviation		3.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 8KB (IOPS)	**44400**	**48533**
Normalized	91.48%	100%
Standard Deviation		2.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 8MB (IOPS)	**45**	**51**
Normalized	88.24%	100%
Standard Deviation	2.2%	3.1%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 1MB (IOPS)	**386**	**435**
Normalized	88.74%	100%
Standard Deviation	4%	
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 2MB (IOPS)	**188**	**203**
Normalized	92.61%	100%
Standard Deviation	3.8%	0.6%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 4KB (IOPS)	**84933**	**91767**
Normalized	92.55%	100%
Standard Deviation	2.4%	2%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 4MB (IOPS)	**94**	**99**
Normalized	94.95%	100%
Standard Deviation	1.2%	1.2%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 8KB (IOPS)	**45033**	**50300**
Normalized	89.53%	100%
Standard Deviation	0.7%	2.2%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 8MB (IOPS)	**47**	**51**
Normalized	92.16%	100%
Standard Deviation	2.4%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 128KB (IOPS)	**19733**	**3524**
Normalized	100%	17.86%
Standard Deviation	1.3%	0%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 256KB (IOPS)	**9310**	**1762**
Normalized	100%	18.93%
Standard Deviation	1.3%	0.1%

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Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 512KB (IOPS)	**4113**	**881**
Normalized	100%	21.42%
Standard Deviation	2.5%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 128KB (IOPS)	**15467**	**3521**
Normalized	100%	22.76%
Standard Deviation	0.4%	0.1%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 256KB (IOPS)	**8546**	**1759**
Normalized	100%	20.58%
Standard Deviation	5.9%	0.1%
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 512KB (IOPS)	**3561**	**880**
Normalized	100%	24.71%
Standard Deviation	0.8%	
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 16KB (IOPS)	**24833**	**25433**
Normalized	97.64%	100%
Standard Deviation	0.6%	0.2%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 32KB (IOPS)	**12033**	**13400**
Normalized	89.8%	100%
Standard Deviation	1.3%	2.8%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 64KB (IOPS)	**6060**	**6755**
Normalized	89.71%	100%
Standard Deviation	0.6%	4.4%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 16KB (IOPS)	**23753**	**26033**
Normalized	91.24%	100%
Standard Deviation	3.8%	0.4%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 32KB (IOPS)	**11700**	**13387**
Normalized	87.4%	100%
Standard Deviation	1.5%	4%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 64KB (IOPS)	**6051**	**6676**
Normalized	90.64%	100%
Standard Deviation	4.3%	2.6%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 128KB (IOPS)	**3018**	**3339**
Normalized	90.39%	100%
Standard Deviation	2.3%	4.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 256KB (IOPS)	**1536**	**1637**
Normalized	93.83%	100%
Standard Deviation	3.9%	0.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 512KB (IOPS)	**764**	**843**
Normalized	90.63%	100%
Standard Deviation	4%	3.3%

disktest1

Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 128KB (IOPS)	**2980**	**3338**
Normalized	89.28%	100%
Standard Deviation	1.5%	1.4%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 256KB (IOPS)	**1490**	**1741**
Normalized	85.58%	100%
Standard Deviation	3.7%	1.7%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 512KB (IOPS)	**772**	**843**
Normalized	91.58%	100%
Standard Deviation	0.9%	3.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 1MB (MB/s)	**1337**	**181**
Normalized	100%	13.54%
Standard Deviation	1.6%	2.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 2MB (MB/s)	**1350**	**229**
Normalized	100%	16.96%
Standard Deviation	2.3%	0.5%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4KB (MB/s)	**123**	**33.1**
Normalized	100%	26.91%
Standard Deviation	0.9%	0%
Flexible IO Tester - Rand Read - Sync - Yes - No - 4MB (MB/s)	**1326**	**270**
Normalized	100%	20.36%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8KB (MB/s)	**226**	**48.9**
Normalized	100%	21.64%
Standard Deviation	0.8%	0.3%
Flexible IO Tester - Rand Read - Sync - Yes - No - 8MB (MB/s)	**1354**	**296**
Normalized	100%	21.86%
Standard Deviation	2%	
Flexible IO Tester - Rand Read - Sync - Yes - No - 16KB (MB/s)	**410**	**75.5**
Normalized	100%	18.41%
Standard Deviation	1.6%	0.7%
Flexible IO Tester - Rand Read - Sync - Yes - No - 32KB (MB/s)	**664**	**109**
Normalized	100%	16.42%
Standard Deviation	1.4%	4.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 64KB (MB/s)	**973**	**145**
Normalized	100%	14.9%
Standard Deviation	2.4%	
Flexible IO Tester - Rand Write - Sync - Yes - No - 1MB (MB/s)	**384**	**414**
Normalized	92.75%	100%
Standard Deviation		4.4%

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Flexible IO Tester - Rand Write - Sync - Yes - No - 2MB (MB/s)	**384**	**408**
Normalized	94.12%	100%
Standard Deviation	0.3%	0.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB (MB/s)	**332**	**327**
Normalized	100%	98.49%
Standard Deviation	3.4%	1.3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4MB (MB/s)	**384**	**405**
Normalized	94.81%	100%
Standard Deviation	0.3%	
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB (MB/s)	**352**	**358**
Normalized	98.32%	100%
Standard Deviation	1%	0.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8MB (MB/s)	**383**	**419**
Normalized	91.41%	100%
Standard Deviation		0.8%
Flexible IO Tester - Rand Read - Sync - Yes - No - 128KB (MB/s)	**1243**	**174**
Normalized	100%	14%
Standard Deviation	0.7%	1.1%
Flexible IO Tester - Rand Read - Sync - Yes - No - 256KB (MB/s)	**1343**	**177**
Normalized	100%	13.18%
Standard Deviation	1.4%	2%
Flexible IO Tester - Rand Read - Sync - Yes - No - 512KB (MB/s)	**1349**	**177**
Normalized	100%	13.12%
Standard Deviation	1.7%	1.3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB (MB/s)	**375**	**376**
Normalized	99.73%	100%
Standard Deviation	4.2%	0.5%
Flexible IO Tester - Rand Write - Sync - Yes - No - 32KB (MB/s)	**374**	**400**
Normalized	93.5%	100%
Standard Deviation	4%	1.5%
Flexible IO Tester - Rand Write - Sync - Yes - No - 64KB (MB/s)	**373**	**416**
Normalized	89.66%	100%
Standard Deviation	0.2%	2.4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 128KB (MB/s)	**378**	**408**
Normalized	92.65%	100%
Standard Deviation	0.6%	4.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 256KB (MB/s)	**380**	**413**
Normalized	92.01%	100%
Standard Deviation	0.3%	3.6%

disktest1

Flexible IO Tester - Rand Write - Sync - Yes - No - 512KB (MB/s)	**381**	**406**
Normalized	93.84%	100%
Standard Deviation	1.4%	4.1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 1MB (MB/s)	**2756**	**440**
Normalized	100%	15.97%
Standard Deviation	1.2%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 2MB (MB/s)	**2760**	**440**
Normalized	100%	15.94%
Standard Deviation	1%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 4KB (MB/s)	**1750**	**441**
Normalized	100%	25.2%
Standard Deviation	0.6%	0.1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 4MB (MB/s)	**2795**	**440**
Normalized	100%	15.74%
Standard Deviation	0.4%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 8KB (MB/s)	**2179**	**440**
Normalized	100%	20.19%
Standard Deviation	0.3%	0.1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 8MB (MB/s)	**2815**	**440**
Normalized	100%	15.63%
Standard Deviation	0.6%	
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 1MB (MB/s)	**1270**	**179**
Normalized	100%	14.09%
Standard Deviation	1.8%	1.2%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 2MB (MB/s)	**1269**	**232**
Normalized	100%	18.28%
Standard Deviation	0.6%	0.9%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4KB (MB/s)	**119**	**32.5**
Normalized	100%	27.31%
Standard Deviation	0.8%	0%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4MB (MB/s)	**1265**	**277**
Normalized	100%	21.9%
Standard Deviation	0.9%	
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 8KB (MB/s)	**222**	**48.2**
Normalized	100%	21.71%
Standard Deviation	1.8%	0.1%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 8MB (MB/s)	**1280**	**315**
Normalized	100%	24.61%
Standard Deviation	0.8%	0.4%

disktest1

Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 1MB (MB/s)	**1183**	**179**
Normalized	100%	15.13%
Standard Deviation	1.5%	2.3%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 2MB (MB/s)	**1173**	**231**
Normalized	100%	19.69%
Standard Deviation	1.8%	0.5%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 4KB (MB/s)	**129**	**32.9**
Normalized	100%	25.5%
Standard Deviation		0.2%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 4MB (MB/s)	**1212**	**281**
Normalized	100%	23.18%
Standard Deviation	0.2%	
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 8KB (MB/s)	**243**	**49.3**
Normalized	100%	20.29%
Standard Deviation	1.7%	0.8%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 8MB (MB/s)	**1239**	**304**
Normalized	100%	24.54%
Standard Deviation	0.9%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 16KB (MB/s)	**2515**	**440**
Normalized	100%	17.5%
Standard Deviation	2.3%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 32KB (MB/s)	**2715**	**440**
Normalized	100%	16.21%
Standard Deviation	1.6%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 64KB (MB/s)	**2747**	**440**
Normalized	100%	16.02%
Standard Deviation	1.8%	
Flexible IO Tester - Seq Write - Sync - Yes - No - 1MB (MB/s)	**383**	**400**
Normalized	95.75%	100%
Standard Deviation	0.3%	3.6%
Flexible IO Tester - Seq Write - Sync - Yes - No - 2MB (MB/s)	**380**	**403**
Normalized	94.29%	100%
Standard Deviation	2.3%	4%
Flexible IO Tester - Seq Write - Sync - Yes - No - 4KB (MB/s)	**346**	**370**
Normalized	93.51%	100%
Standard Deviation	0.8%	1.9%
Flexible IO Tester - Seq Write - Sync - Yes - No - 4MB (MB/s)	**378**	**412**
Normalized	91.75%	100%
Standard Deviation	1.2%	3.6%

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Flexible IO Tester - Seq Write - Sync - Yes - No - 8KB (MB/s)	**379**	**393**
Normalized	96.44%	100%
Standard Deviation	4.3%	1.3%
Flexible IO Tester - Seq Write - Sync - Yes - No - 8MB (MB/s)	**380**	**429**
Normalized	88.58%	100%
Standard Deviation	0.5%	0.7%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 16KB (MB/s)	**385**	**74.8**
Normalized	100%	19.43%
Standard Deviation	1.8%	0.7%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 32KB (MB/s)	**635**	**105**
Normalized	100%	16.54%
Standard Deviation	2.4%	3.8%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 64KB (MB/s)	**960**	**143**
Normalized	100%	14.9%
Standard Deviation	1.1%	1.1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 16KB (MB/s)	**418**	**76.2**
Normalized	100%	18.23%
Standard Deviation	1.6%	0.6%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 32KB (MB/s)	**684**	**109**
Normalized	100%	15.94%
Standard Deviation	2.4%	4.5%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 64KB (MB/s)	**991**	**146**
Normalized	100%	14.73%
Standard Deviation	1.3%	1.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 1MB (MB/s)	**375**	**450**
Normalized	83.33%	100%
Standard Deviation	0.8%	
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 2MB (MB/s)	**377**	**448**
Normalized	84.15%	100%
Standard Deviation	0.2%	0.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB (MB/s)	**305**	**341**
Normalized	89.44%	100%
Standard Deviation	0.5%	3.7%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4MB (MB/s)	**391**	**426**
Normalized	91.78%	100%
Standard Deviation	3.9%	2.4%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 8KB (MB/s)	**337**	**353**
Normalized	95.47%	100%
Standard Deviation	2.5%	1.2%

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Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 8MB (MB/s)	**399**	**440**
Normalized	90.68%	100%
Standard Deviation	2.5%	4.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 1MB (MB/s)	**374**	**413**
Normalized	90.56%	100%
Standard Deviation	1%	1.3%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 2MB (MB/s)	**389**	**419**
Normalized	92.84%	100%
Standard Deviation	7.8%	3.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4KB (MB/s)	**331**	**335**
Normalized	98.81%	100%
Standard Deviation	4.1%	0.3%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4MB (MB/s)	**396**	**423**
Normalized	93.62%	100%
Standard Deviation	0.4%	0.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 8KB (MB/s)	**342**	**365**
Normalized	93.7%	100%
Standard Deviation	0.3%	
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 8MB (MB/s)	**439**	**477**
Normalized	92.03%	100%
Standard Deviation	2.4%	1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 128KB (MB/s)	**2797**	**441**
Normalized	100%	15.77%
Standard Deviation	0.9%	0.1%
Flexible IO Tester - Seq Read - Sync - Yes - No - 256KB (MB/s)	**2824**	**441**
Normalized	100%	15.62%
Standard Deviation	0.3%	
Flexible IO Tester - Seq Read - Sync - Yes - No - 512KB (MB/s)	**2724**	**441**
Normalized	100%	16.19%
Standard Deviation	2.3%	
Flexible IO Tester - Seq Write - Sync - Yes - No - 16KB (MB/s)	**374**	**423**
Normalized	88.42%	100%
Standard Deviation		1.8%
Flexible IO Tester - Seq Write - Sync - Yes - No - 32KB (MB/s)	**380**	**412**
Normalized	92.23%	100%
Standard Deviation		3.8%
Flexible IO Tester - Seq Write - Sync - Yes - No - 64KB (MB/s)	**379**	**412**
Normalized	91.99%	100%
Standard Deviation	0.3%	1.5%

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Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 128KB (MB/s)	**428**	**176**
Normalized	100%	41.12%
Standard Deviation	1.2%	1.3%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 256KB (MB/s)	**1196**	**174**
Normalized	100%	14.55%
Standard Deviation	15.3%	
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 512KB (MB/s)	**1239**	**174**
Normalized	100%	14.04%
Standard Deviation	0.5%	
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 128KB (MB/s)	**1284**	**176**
Normalized	100%	13.71%
Standard Deviation	1.6%	1.1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 256KB (MB/s)	**1242**	**177**
Normalized	100%	14.25%
Standard Deviation	0.7%	1%
Flexible IO Tester - Rand Read - POSIX AIO - Yes - No - 512KB (MB/s)	**1175**	**176**
Normalized	100%	14.98%
Standard Deviation	0.9%	1.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 16KB (MB/s)	**355**	**383**
Normalized	92.69%	100%
Standard Deviation		0.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 32KB (MB/s)	**357**	**402**
Normalized	88.81%	100%
Standard Deviation	0.7%	0.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 64KB (MB/s)	**380**	**422**
Normalized	90.05%	100%
Standard Deviation	3.5%	3.9%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 16KB (MB/s)	**361**	**381**
Normalized	94.75%	100%
Standard Deviation	8.2%	1.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 32KB (MB/s)	**357**	**397**
Normalized	89.92%	100%
Standard Deviation	1.1%	1.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 64KB (MB/s)	**385**	**421**
Normalized	91.45%	100%
Standard Deviation	4.4%	3.1%
Flexible IO Tester - Seq Write - Sync - Yes - No - 128KB (MB/s)	**380**	**408**
Normalized	93.14%	100%
Standard Deviation	0.7%	4%

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Flexible IO Tester - Seq Write - Sync - Yes - No - 256KB (MB/s)	**379**	**404**
Normalized	93.81%	100%
Standard Deviation	0.3%	3.2%
Flexible IO Tester - Seq Write - Sync - Yes - No - 512KB (MB/s)	**378**	**419**
Normalized	90.21%	100%
Standard Deviation	0.4%	2.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 128KB (MB/s)	**372**	**411**
Normalized	90.51%	100%
Standard Deviation	0.3%	2.2%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 256KB (MB/s)	**382**	**409**
Normalized	93.4%	100%
Standard Deviation	3.2%	1.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 512KB (MB/s)	**377**	**419**
Normalized	89.98%	100%
Standard Deviation	2.4%	3.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 128KB (MB/s)	**377**	**412**
Normalized	91.5%	100%
Standard Deviation	3.8%	
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 256KB (MB/s)	**381**	**416**
Normalized	91.59%	100%
Standard Deviation	2.4%	2.3%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 512KB (MB/s)	**374**	**408**
Normalized	91.67%	100%
Standard Deviation	4.3%	0.9%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 1MB (MB/s)	**1951**	**444**
Normalized	100%	22.76%
Standard Deviation	1.2%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 2MB (MB/s)	**1942**	**446**
Normalized	100%	22.97%
Standard Deviation	1.5%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4KB (MB/s)	**1262**	**443**
Normalized	100%	35.1%
Standard Deviation	0.4%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4MB (MB/s)	**1923**	**453**
Normalized	100%	23.56%
Standard Deviation	1.9%	0.1%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 8KB (MB/s)	**1747**	**441**
Normalized	100%	25.24%
Standard Deviation	0.8%	

disktest1

Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 8MB (MB/s)	**1915**	**462**
Normalized	100%	24.13%
Standard Deviation	1%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 1MB (MB/s)	**1786**	**444**
Normalized	100%	24.86%
Standard Deviation	0.7%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 2MB (MB/s)	**1773**	**450**
Normalized	100%	25.38%
Standard Deviation	0.2%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 4KB (MB/s)	**1698**	**441**
Normalized	100%	25.97%
Standard Deviation	1.2%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 4MB (MB/s)	**1807**	**459**
Normalized	100%	25.4%
Standard Deviation	0.4%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 8KB (MB/s)	**2033**	**440**
Normalized	100%	21.64%
Standard Deviation	1%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 8MB (MB/s)	**1837**	**483**
Normalized	100%	26.29%
Standard Deviation	0.3%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 16KB (MB/s)	**2175**	**441**
Normalized	100%	20.28%
Standard Deviation	1.6%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 32KB (MB/s)	**2512**	**441**
Normalized	100%	17.56%
Standard Deviation	0.6%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 64KB (MB/s)	**2527**	**441**
Normalized	100%	17.45%
Standard Deviation	1.6%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 16KB (MB/s)	**1723**	**440**
Normalized	100%	25.54%
Standard Deviation	0.3%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 32KB (MB/s)	**1863**	**441**
Normalized	100%	23.67%
Standard Deviation	0.1%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 64KB (MB/s)	**2040**	**442**
Normalized	100%	21.67%
Standard Deviation	1.3%	

disktest1

Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 1MB (MB/s)	**376**	**427**
Normalized	88.06%	100%
Standard Deviation	0.8%	4.6%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 2MB (MB/s)	**384**	**426**
Normalized	90.14%	100%
Standard Deviation	3.5%	3.9%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4KB (MB/s)	**323**	**340**
Normalized	95%	100%
Standard Deviation	3.2%	0.3%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4MB (MB/s)	**382**	**430**
Normalized	88.84%	100%
Standard Deviation		3.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 8KB (MB/s)	**347**	**379**
Normalized	91.56%	100%
Standard Deviation		2.2%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 8MB (MB/s)	**386**	**439**
Normalized	87.93%	100%
Standard Deviation	1.8%	2.8%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 1MB (MB/s)	**389**	**438**
Normalized	88.81%	100%
Standard Deviation	4%	
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 2MB (MB/s)	**383**	**412**
Normalized	92.96%	100%
Standard Deviation	3.7%	0.6%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 4KB (MB/s)	**332**	**358**
Normalized	92.74%	100%
Standard Deviation	2.2%	1.9%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 4MB (MB/s)	**390**	**411**
Normalized	94.89%	100%
Standard Deviation	1.2%	1.3%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 8KB (MB/s)	**352**	**393**
Normalized	89.57%	100%
Standard Deviation	0.7%	2.2%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 8MB (MB/s)	**407**	**436**
Normalized	93.35%	100%
Standard Deviation	2%	2.1%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 128KB (MB/s)	**2464**	**441**
Normalized	100%	17.9%
Standard Deviation	1.4%	

disktest1

Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 256KB (MB/s)	**2328**	**441**
Normalized	100%	18.94%
Standard Deviation	1.3%	
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 512KB (MB/s)	**2058**	**442**
Normalized	100%	21.48%
Standard Deviation	2.5%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 128KB (MB/s)	**1936**	**441**
Normalized	100%	22.78%
Standard Deviation	0.3%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 256KB (MB/s)	**2137**	**440**
Normalized	100%	20.59%
Standard Deviation	5.9%	
Flexible IO Tester - Seq Read - POSIX AIO - Yes - No - 512KB (MB/s)	**1782**	**442**
Normalized	100%	24.8%
Standard Deviation	0.8%	
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 16KB (MB/s)	**388**	**397**
Normalized	97.73%	100%
Standard Deviation	0.8%	0.3%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 32KB (MB/s)	**376**	**419**
Normalized	89.74%	100%
Standard Deviation	1.2%	2.8%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 64KB (MB/s)	**379**	**422**
Normalized	89.81%	100%
Standard Deviation	0.5%	4.4%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 16KB (MB/s)	**371**	**407**
Normalized	91.15%	100%
Standard Deviation	3.9%	0.6%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 32KB (MB/s)	**365**	**419**
Normalized	87.11%	100%
Standard Deviation	1.8%	4%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 64KB (MB/s)	**378**	**417**
Normalized	90.65%	100%
Standard Deviation	4.3%	2.6%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 128KB (MB/s)	**378**	**418**
Normalized	90.43%	100%
Standard Deviation	2.3%	4.1%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 256KB (MB/s)	**385**	**410**
Normalized	93.9%	100%
Standard Deviation	3.9%	0.1%

disktest1

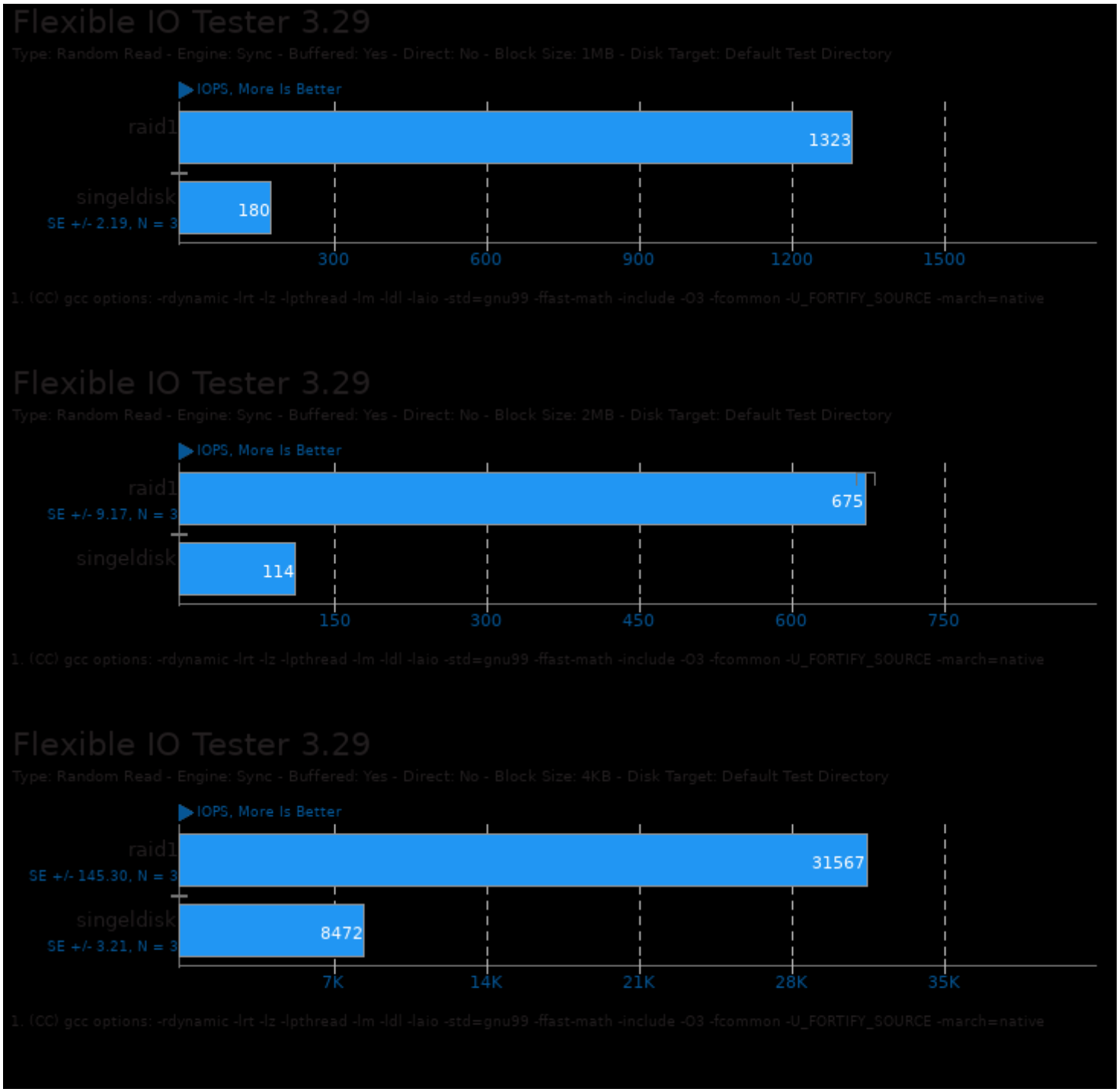
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 512KB (MB/s)	**384**	**423**
Normalized	90.78%	100%
Standard Deviation	4%	3.3%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 128KB (MB/s)	**373**	**418**
Normalized	89.23%	100%
Standard Deviation	1.6%	1.3%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 256KB (MB/s)	**373**	**437**
Normalized	85.35%	100%
Standard Deviation	3.7%	1.8%
Flexible IO Tester - Seq Write - POSIX AIO - Yes - No - 512KB (MB/s)	**388**	**423**
Normalized	91.73%	100%
Standard Deviation	0.9%	3.8%
Threaded I/O Tester - Read - 32MB - 4 (MB/s)	8150	
Standard Deviation	0.3%	
Threaded I/O Tester - Read - 32MB - 8 (MB/s)	11911	
Standard Deviation	0.3%	
Threaded I/O Tester - Read - 64MB - 4 (MB/s)	8671	
Standard Deviation	0.2%	
Threaded I/O Tester - Read - 64MB - 8 (MB/s)	12575	
Standard Deviation	0.1%	
Threaded I/O Tester - Read - 128MB - 4 (MB/s)	8952	
Standard Deviation	0.3%	
Threaded I/O Tester - Read - 128MB - 8 (MB/s)	12954	
Standard Deviation	0%	
Threaded I/O Tester - Read - 256MB - 4 (MB/s)	9133	
Standard Deviation	0.1%	
Threaded I/O Tester - Read - 256MB - 8 (MB/s)	13213	
Standard Deviation	0.2%	
Threaded I/O Tester - Read - 32MB - 16 (MB/s)	12284	
Standard Deviation	0.3%	
Threaded I/O Tester - Read - 32MB - 32 (MB/s)	11342	
Standard Deviation	1.1%	
Threaded I/O Tester - Read - 64MB - 16 (MB/s)	12796	
Standard Deviation	0.4%	
Threaded I/O Tester - Read - 64MB - 32 (MB/s)	10997	
Standard Deviation	2.4%	
Threaded I/O Tester - Write - 32MB - 4 (MB/s)	12.805	
Standard Deviation	2.5%	
Threaded I/O Tester - Write - 32MB - 8 (MB/s)	20.464	
Standard Deviation	3.1%	
Threaded I/O Tester - Write - 64MB - 4 (MB/s)	12.494	
Standard Deviation	2.9%	
Threaded I/O Tester - Write - 64MB - 8 (MB/s)	20.040	
Standard Deviation	1.6%	
Threaded I/O Tester - Read - 128MB - 16 (MB/s)	13006	
Standard Deviation	0.1%	
Threaded I/O Tester - Read - 128MB - 32 (MB/s)	10828	
Standard Deviation	2.1%	
Threaded I/O Tester - Read - 256MB - 16 (MB/s)	13047	

Standard Deviation	0.3%
Threaded I/O Tester - Read - 256MB - 32 (MB/s)	10795
Standard Deviation	1.4%
Threaded I/O Tester - Write - 128MB - 4 (MB/s)	13.260
Standard Deviation	0.5%
Threaded I/O Tester - Write - 128MB - 8 (MB/s)	20.745
Standard Deviation	2.4%
Threaded I/O Tester - Write - 256MB - 4 (MB/s)	13.278
Standard Deviation	0.4%
Threaded I/O Tester - Write - 256MB - 8 (MB/s)	20.446
Standard Deviation	0.4%
Threaded I/O Tester - Write - 32MB - 16 (MB/s)	38.328
Standard Deviation	1.6%
Threaded I/O Tester - Write - 32MB - 32 (MB/s)	61.567
Standard Deviation	1.3%
Threaded I/O Tester - Write - 64MB - 16 (MB/s)	37.922
Standard Deviation	2.3%
Threaded I/O Tester - Write - 64MB - 32 (MB/s)	61.534
Standard Deviation	1.9%
Threaded I/O Tester - Write - 128MB - 16 (MB/s)	37.087
Standard Deviation	0.3%
Threaded I/O Tester - Write - 128MB - 32 (MB/s)	64.942
Standard Deviation	2.3%
Threaded I/O Tester - Write - 256MB - 16 (MB/s)	38.486
Standard Deviation	1.6%
Threaded I/O Tester - Write - 256MB - 32 (MB/s)	68.003
Standard Deviation	2.3%
Threaded I/O Tester - Rand Read - 32MB - 4 (MB/s)	39555
Standard Deviation	0.2%
Threaded I/O Tester - Rand Read - 32MB - 8 (MB/s)	56792
Standard Deviation	1%
Threaded I/O Tester - Rand Read - 64MB - 4 (MB/s)	75790
Standard Deviation	1%
Threaded I/O Tester - Rand Read - 64MB - 8 (MB/s)	110179
Standard Deviation	1.1%
Threaded I/O Tester - Rand Read - 128MB - 4 (MB/s)	148136
Standard Deviation	0.5%
Threaded I/O Tester - Rand Read - 128MB - 8 (MB/s)	219298
Standard Deviation	1.7%
Threaded I/O Tester - Rand Read - 256MB - 4 (MB/s)	293497
Standard Deviation	0.4%
Threaded I/O Tester - Rand Read - 256MB - 8 (MB/s)	429202
Standard Deviation	1.1%
Threaded I/O Tester - Rand Read - 32MB - 16 (MB/s)	64715
Standard Deviation	0.8%
Threaded I/O Tester - Rand Read - 32MB - 32 (MB/s)	72981
Standard Deviation	2.1%
Threaded I/O Tester - Rand Read - 64MB - 16 (MB/s)	127752
Standard Deviation	2.2%
Threaded I/O Tester - Rand Read - 64MB - 32 (MB/s)	139613
Standard Deviation	4.5%
Threaded I/O Tester - Rand Write - 32MB - 4 (MB/s)	578.880
Standard Deviation	2.3%

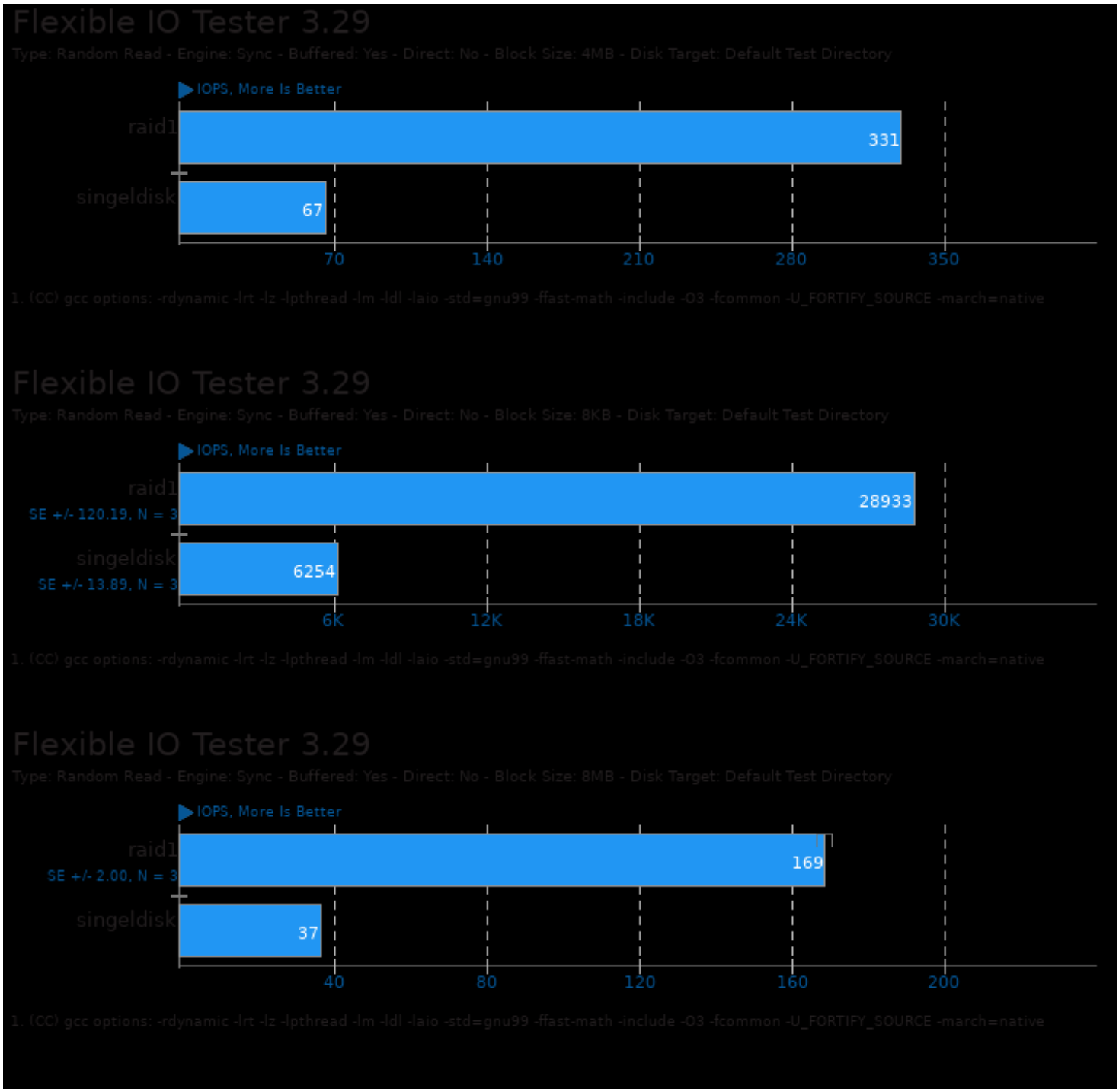
disktest1

Threaded I/O Tester - Rand Write - 32MB - 8 (MB/s)	633.135	
Standard Deviation	2.4%	
Threaded I/O Tester - Rand Write - 64MB - 4 (MB/s)	1105	
Standard Deviation	8.9%	
Threaded I/O Tester - Rand Write - 64MB - 8 (MB/s)	1225	
Standard Deviation	7.8%	
Threaded I/O Tester - Rand Read - 128MB - 16 (MB/s)	247961	
Standard Deviation	2.3%	
Threaded I/O Tester - Rand Read - 128MB - 32 (MB/s)	276710	
Standard Deviation	2.5%	
Threaded I/O Tester - Rand Read - 256MB - 16 (MB/s)	485006	
Standard Deviation	1.4%	
Threaded I/O Tester - Rand Read - 256MB - 32 (MB/s)	541397	
Standard Deviation	3.1%	
Threaded I/O Tester - Rand Write - 128MB - 4 (MB/s)	2150	
Standard Deviation	15.1%	
Threaded I/O Tester - Rand Write - 128MB - 8 (MB/s)	2349	
Standard Deviation	9.4%	
Threaded I/O Tester - Rand Write - 256MB - 4 (MB/s)	4387	
Standard Deviation	10.3%	
Threaded I/O Tester - Rand Write - 256MB - 8 (MB/s)	4589	
Standard Deviation	7.1%	
Threaded I/O Tester - Rand Write - 32MB - 16 (MB/s)	455.400	
Standard Deviation	6%	
Threaded I/O Tester - Rand Write - 32MB - 32 (MB/s)	563.826	
Standard Deviation	0.9%	
Threaded I/O Tester - Rand Write - 64MB - 16 (MB/s)	893.293	
Standard Deviation	6.5%	
Threaded I/O Tester - Rand Write - 64MB - 32 (MB/s)	1149	
Standard Deviation	2.5%	
Threaded I/O Tester - Rand Write - 128MB - 16 (MB/s)	1749	
Standard Deviation	6.1%	
Threaded I/O Tester - Rand Write - 128MB - 32 (MB/s)	2236	
Standard Deviation	2.9%	
Threaded I/O Tester - Rand Write - 256MB - 16 (MB/s)	3378	
Standard Deviation	4.9%	
Threaded I/O Tester - Rand Write - 256MB - 32 (MB/s)	4844	
Standard Deviation	1.4%	
Compile Bench - Compile (MB/s)	**578.36**	**614.84**
Normalized	94.07%	100%
Standard Deviation	2.5%	1.1%
Compile Bench - Initial Create (MB/s)	**127.82**	**123.74**
Normalized	100%	96.81%
Standard Deviation	3.3%	0.4%
Compile Bench - Read Compiled Tree (MB/s)	**478.31**	**430.67**
Normalized	100%	90.04%
Standard Deviation	0.1%	1.7%

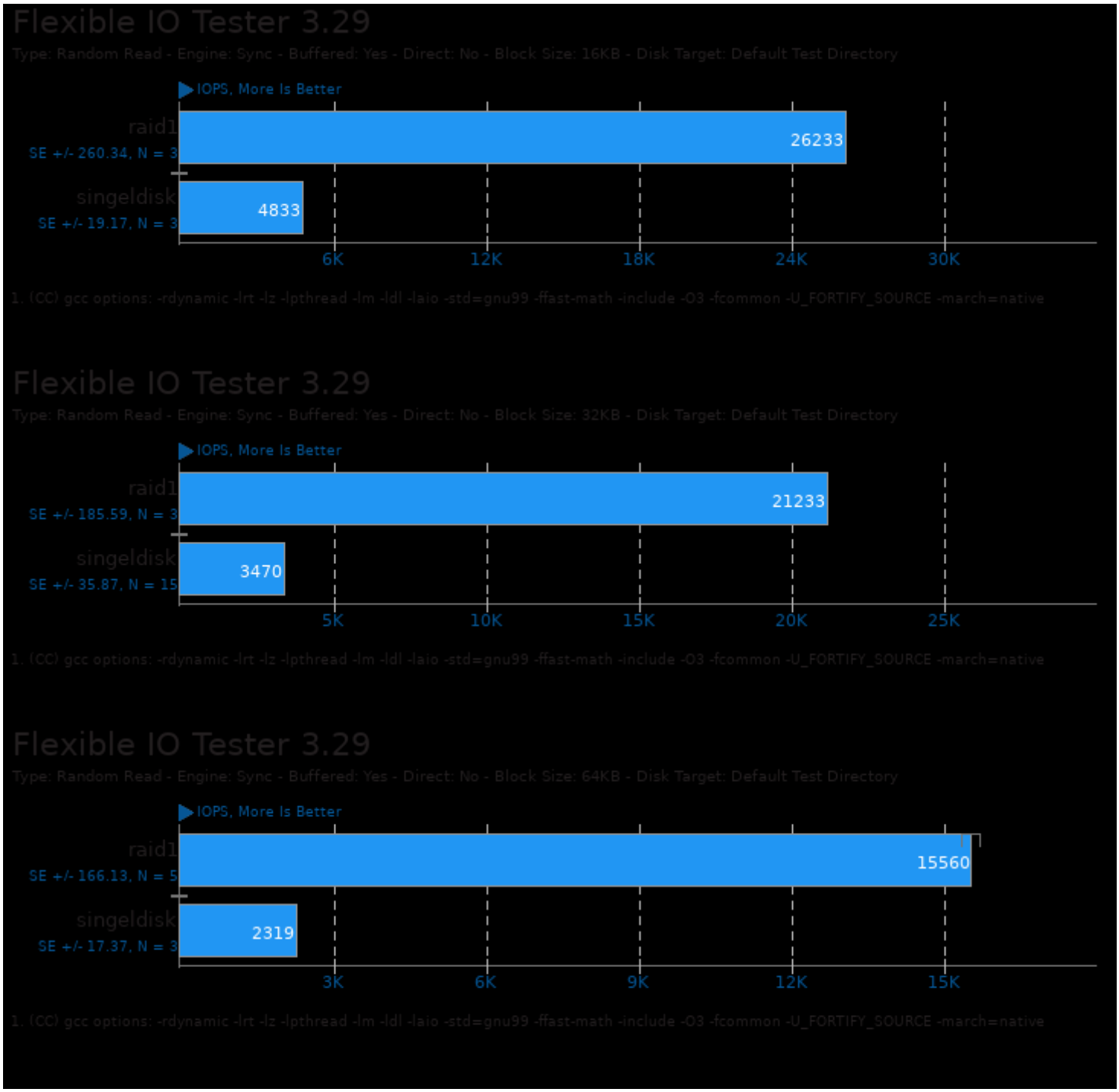
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
1323
singeldisk
SE +/- 2.19, N = 3
180
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 9.17, N = 3
675
singeldisk
114
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 145.30, N = 3
31567
singeldisk
SE +/- 3.21, N = 3
8472
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

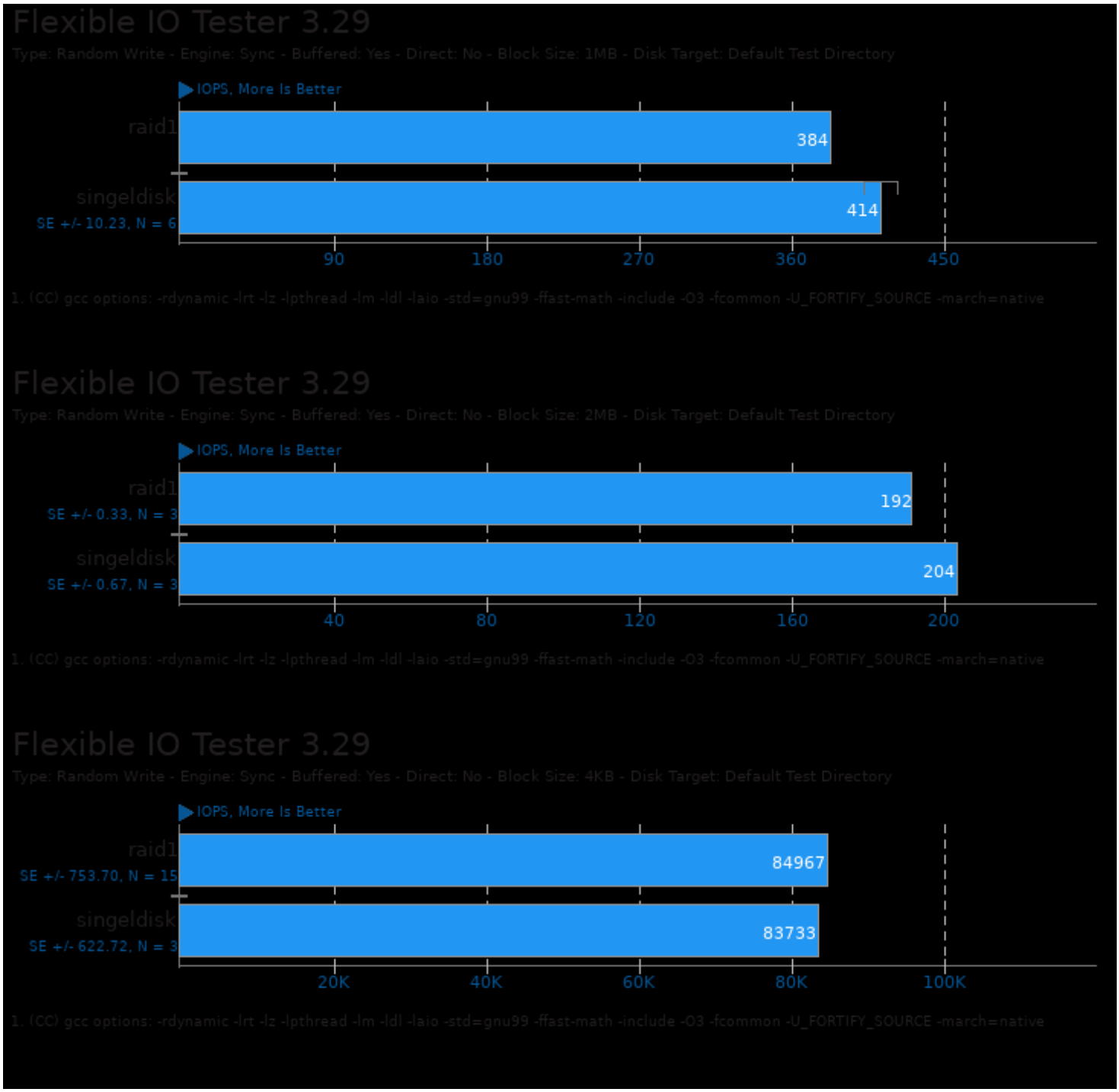
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
331
singeldisk
67
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 120.19, N = 3
28933
singeldisk
SE +/- 13.89, N = 3
6254
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2.00, N = 3
169
singeldisk
37
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

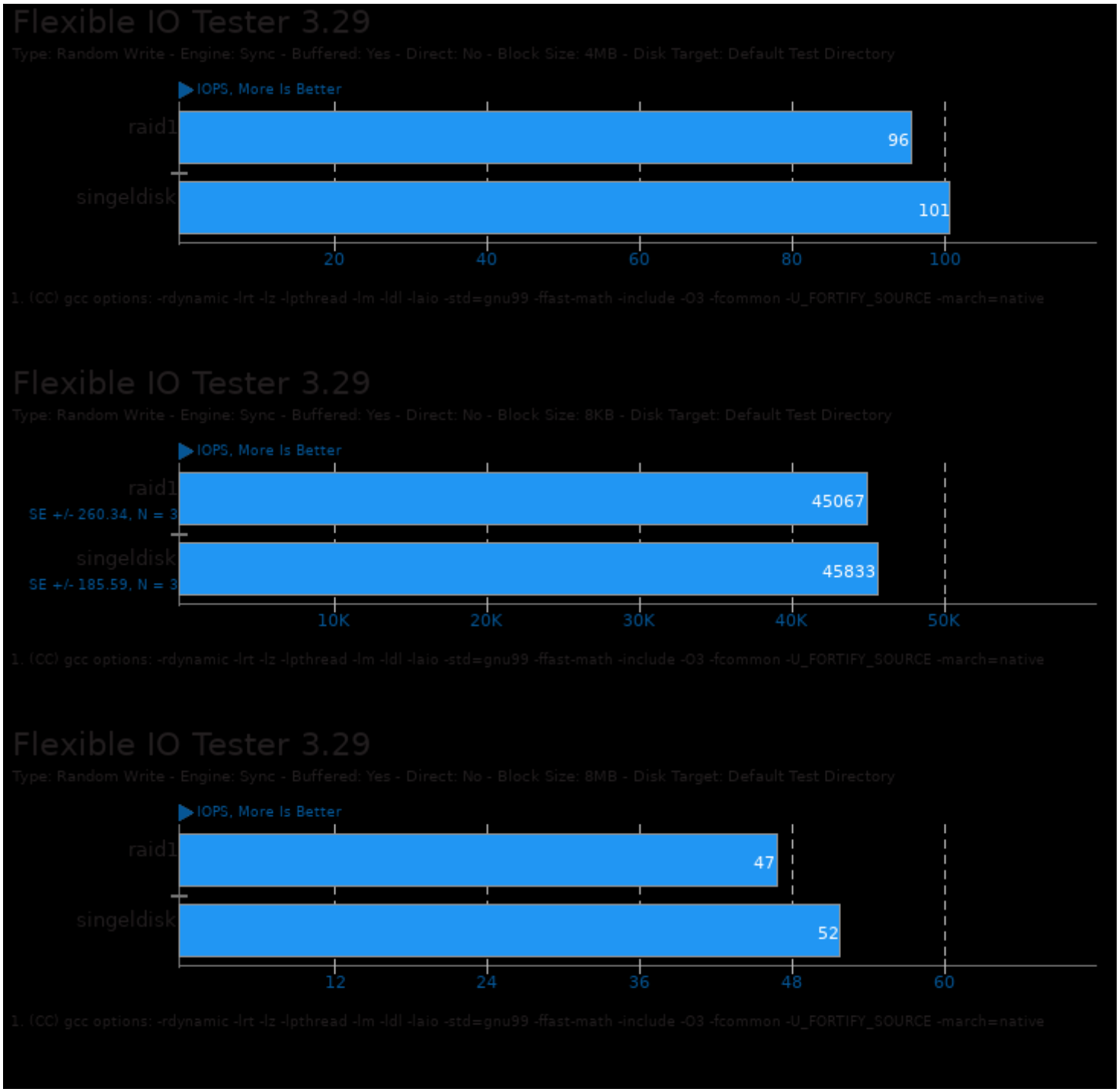
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 260.34, N = 3
26233
singeldisk
SE +/- 19.17, N = 3
4833
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 185.59, N = 3
21233
singeldisk
SE +/- 35.87, N = 15
3470
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 166.13, N = 5
15560
singeldisk
SE +/- 17.37, N = 3
2319
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

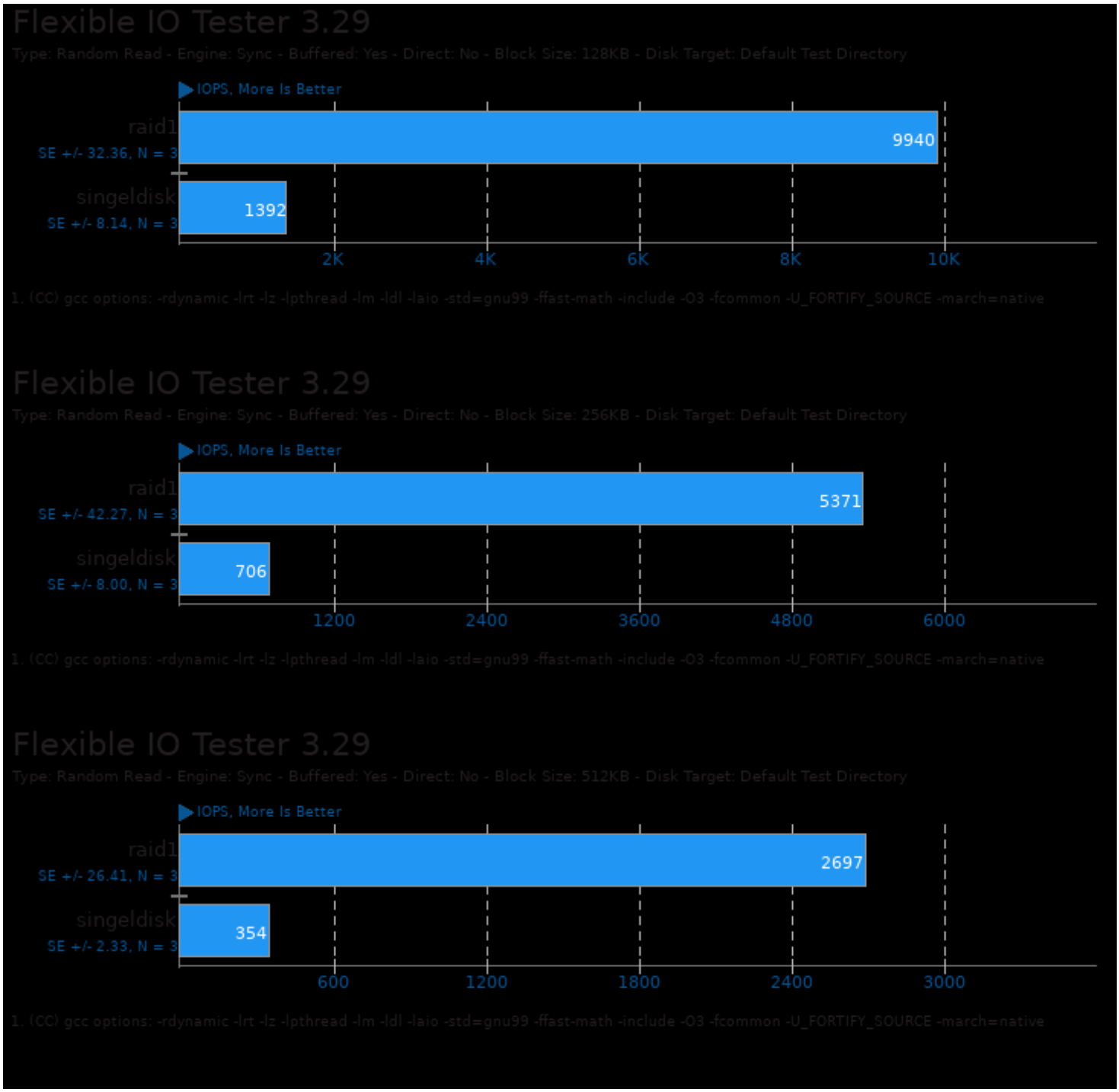
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
384
singeldisk
SE +/- 10.23, N = 6
414
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.33, N = 3
192
singeldisk
SE +/- 0.67, N = 3
204
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 753.70, N = 15
84967
singeldisk
SE +/- 622.72, N = 3
83733
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

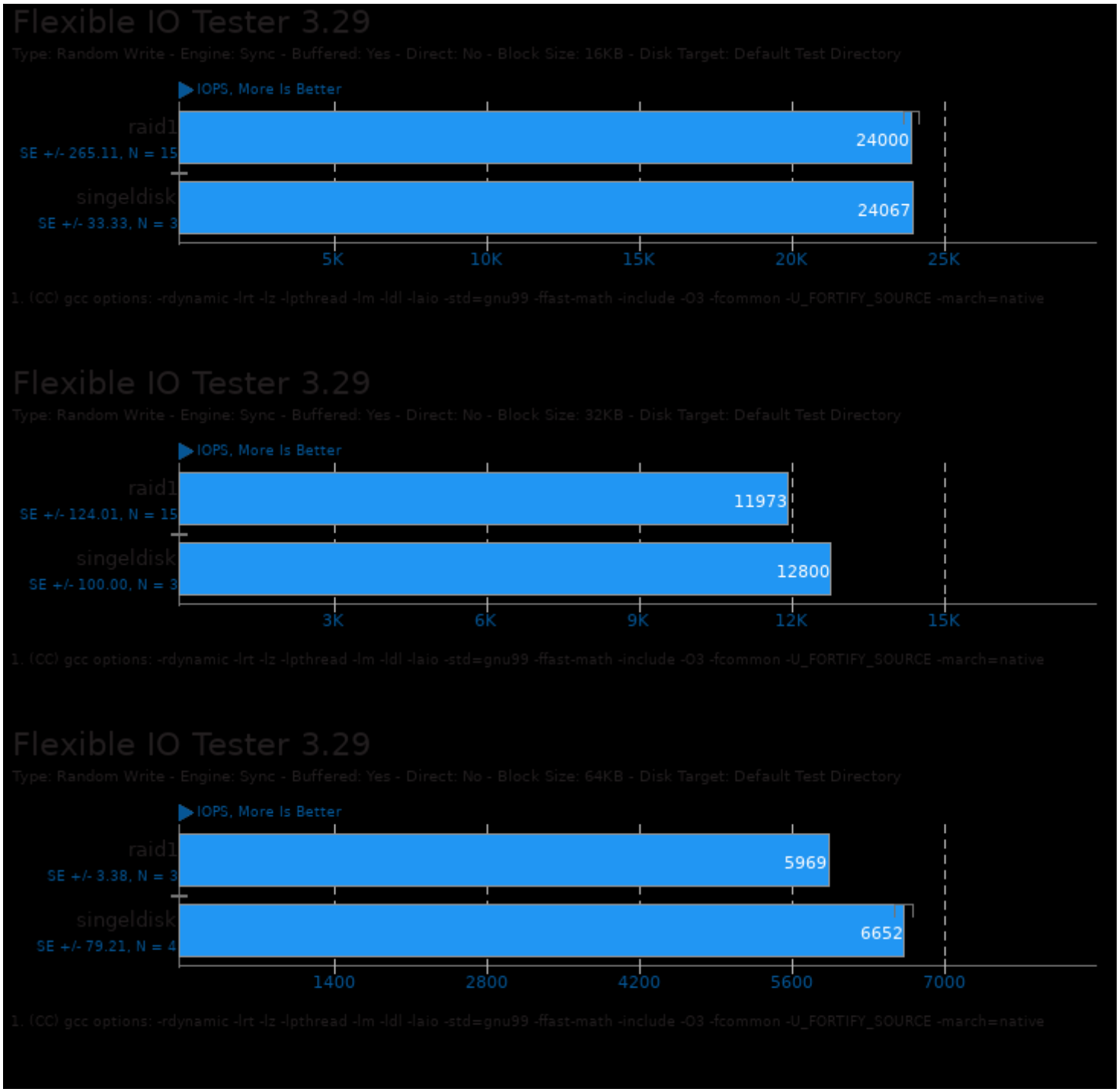
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
96
singeldisk
101
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 260.34, N = 3
45067
singeldisk
SE +/- 185.59, N = 3
45833
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
47
singeldisk
52
12
24
36
48
60
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

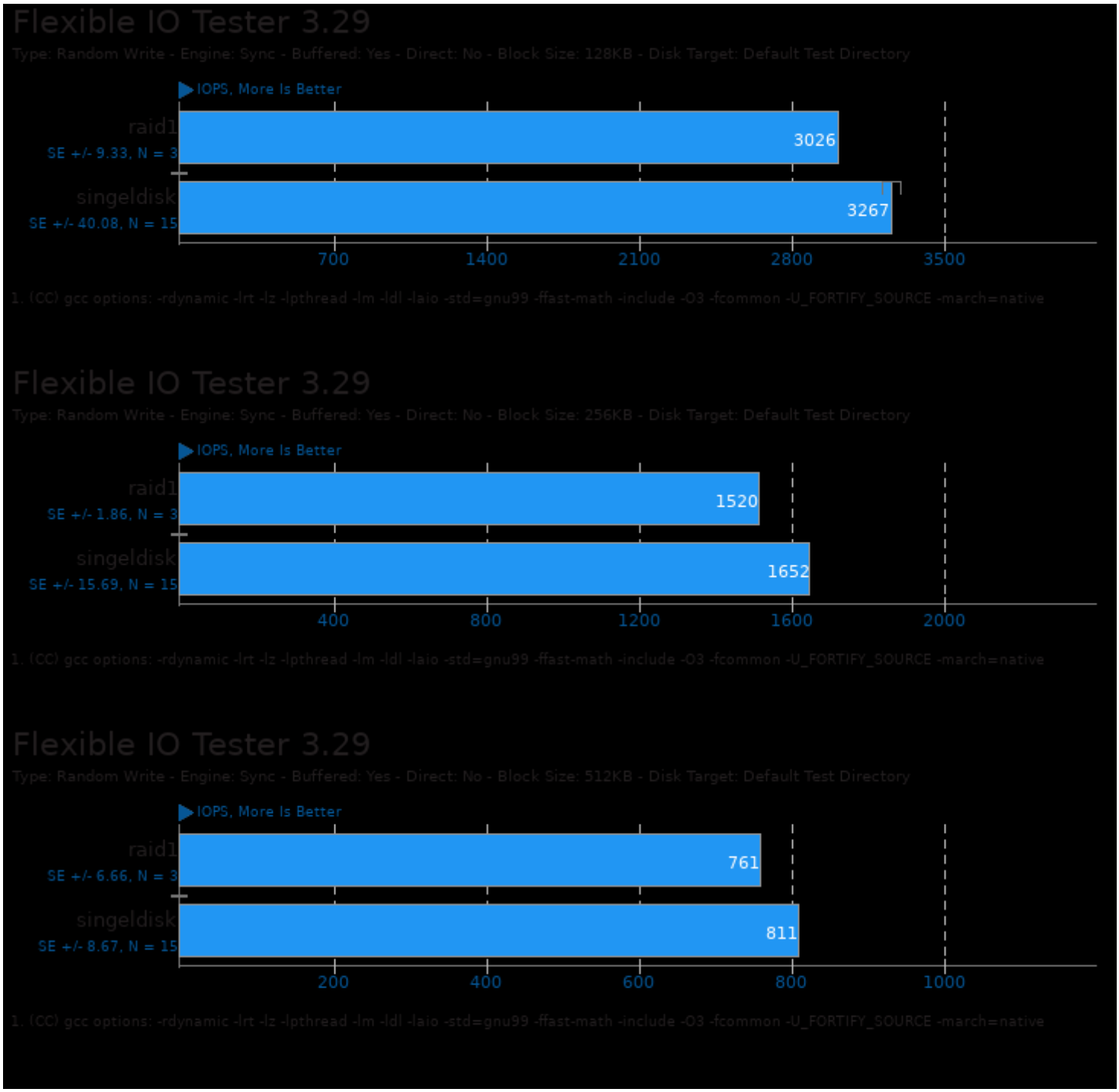
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 32.36, N = 3
9940
singeldisk
SE +/- 8.14, N = 3
1392
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 42.27, N = 3
5371
singeldisk
SE +/- 8.00, N = 3
706
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 26.41, N = 3
2697
singeldisk
SE +/- 2.33, N = 3
354
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

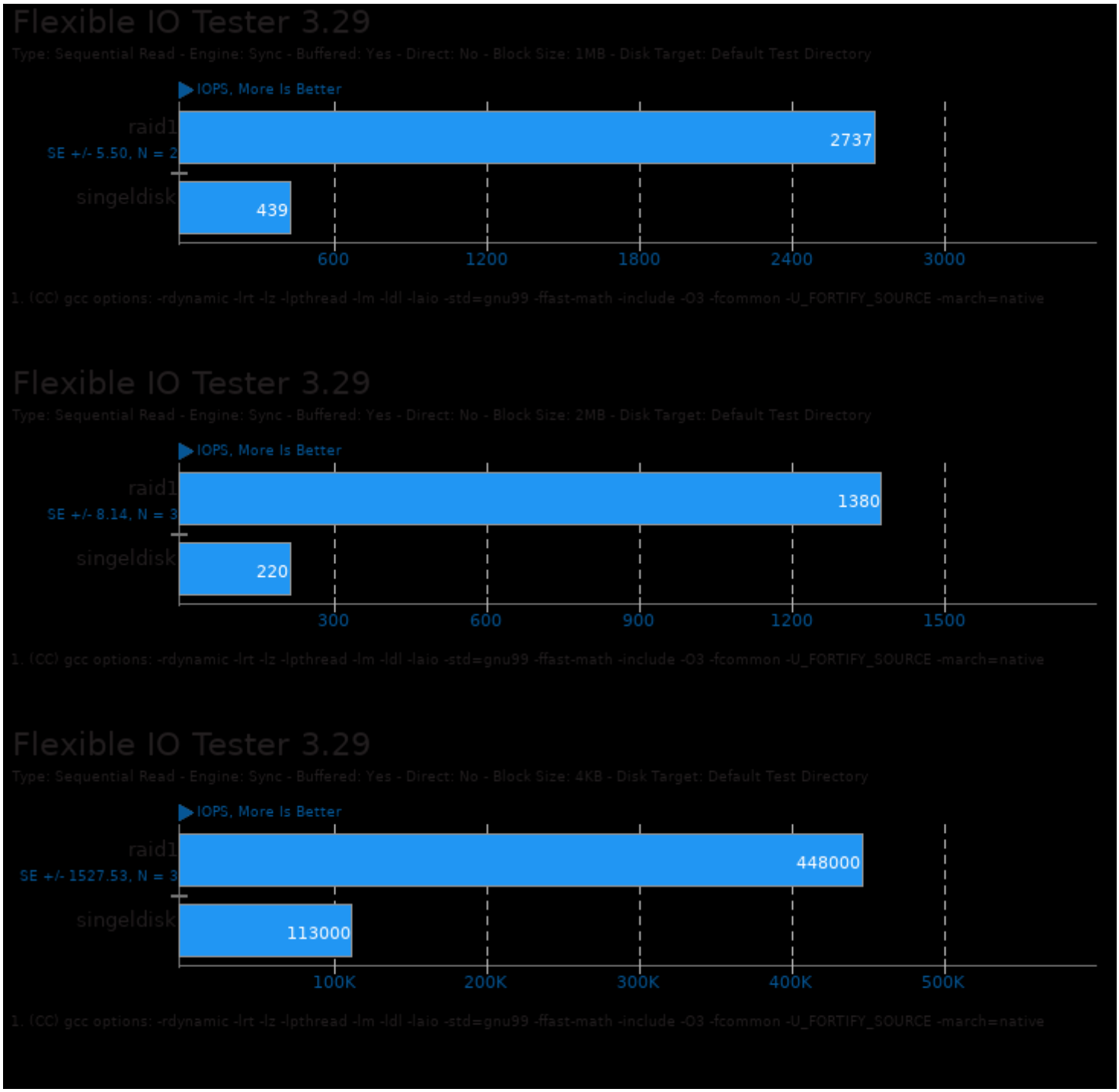
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 265.11, N = 15
24000
singeldisk
SE +/- 33.33, N = 3
24067
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 124.01, N = 15
11973
singeldisk
SE +/- 100.00, N = 3
12800
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 3.38, N = 3
5969
singeldisk
SE +/- 79.21, N = 4
6652
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

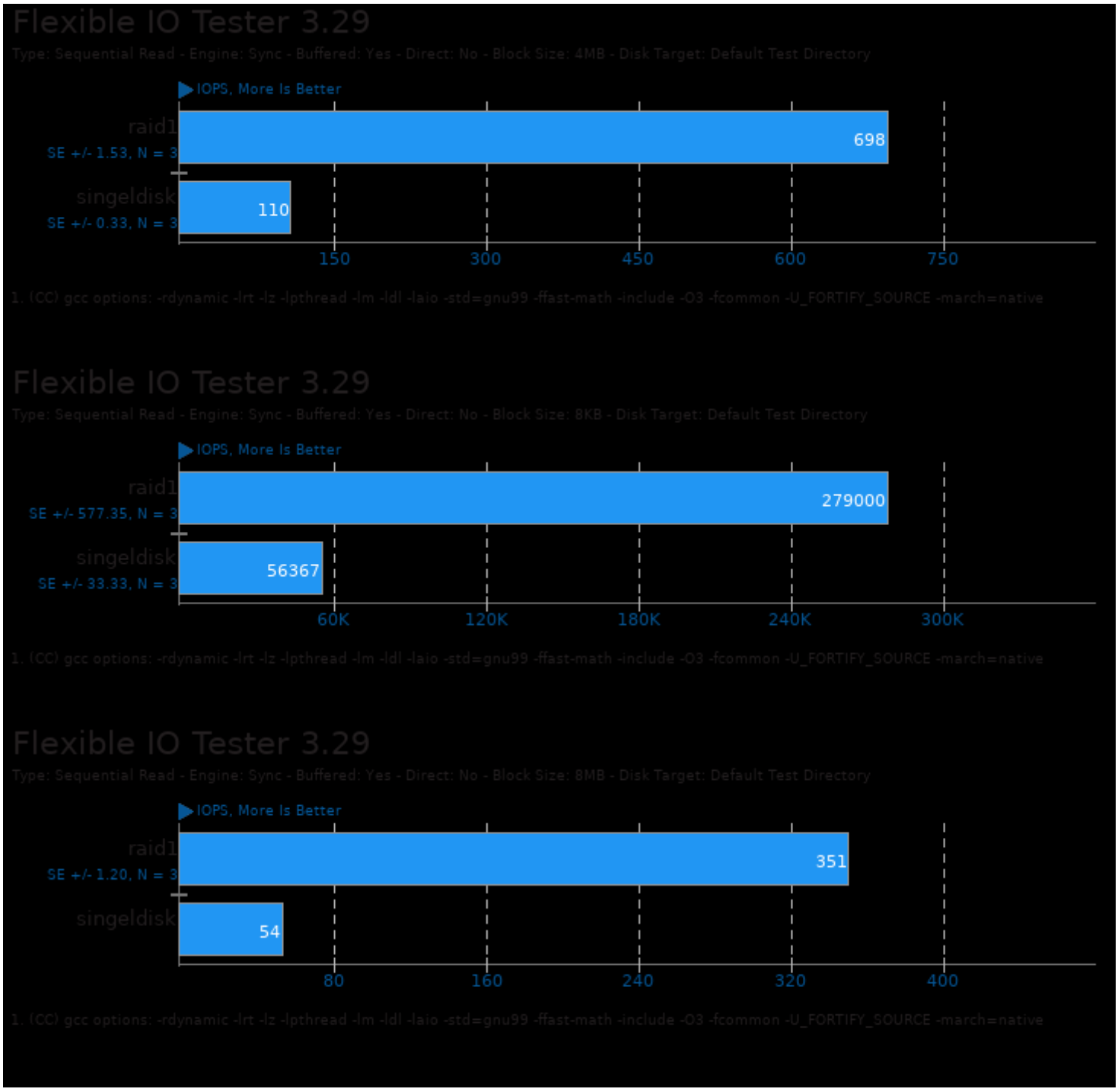
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 9.33, N = 3
3026
singeldisk
SE +/- 40.08, N = 15
3267
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.86, N = 3
1520
singeldisk
SE +/- 15.69, N = 15
1652
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 6.66, N = 3
761
singeldisk
SE +/- 8.67, N = 15
811
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

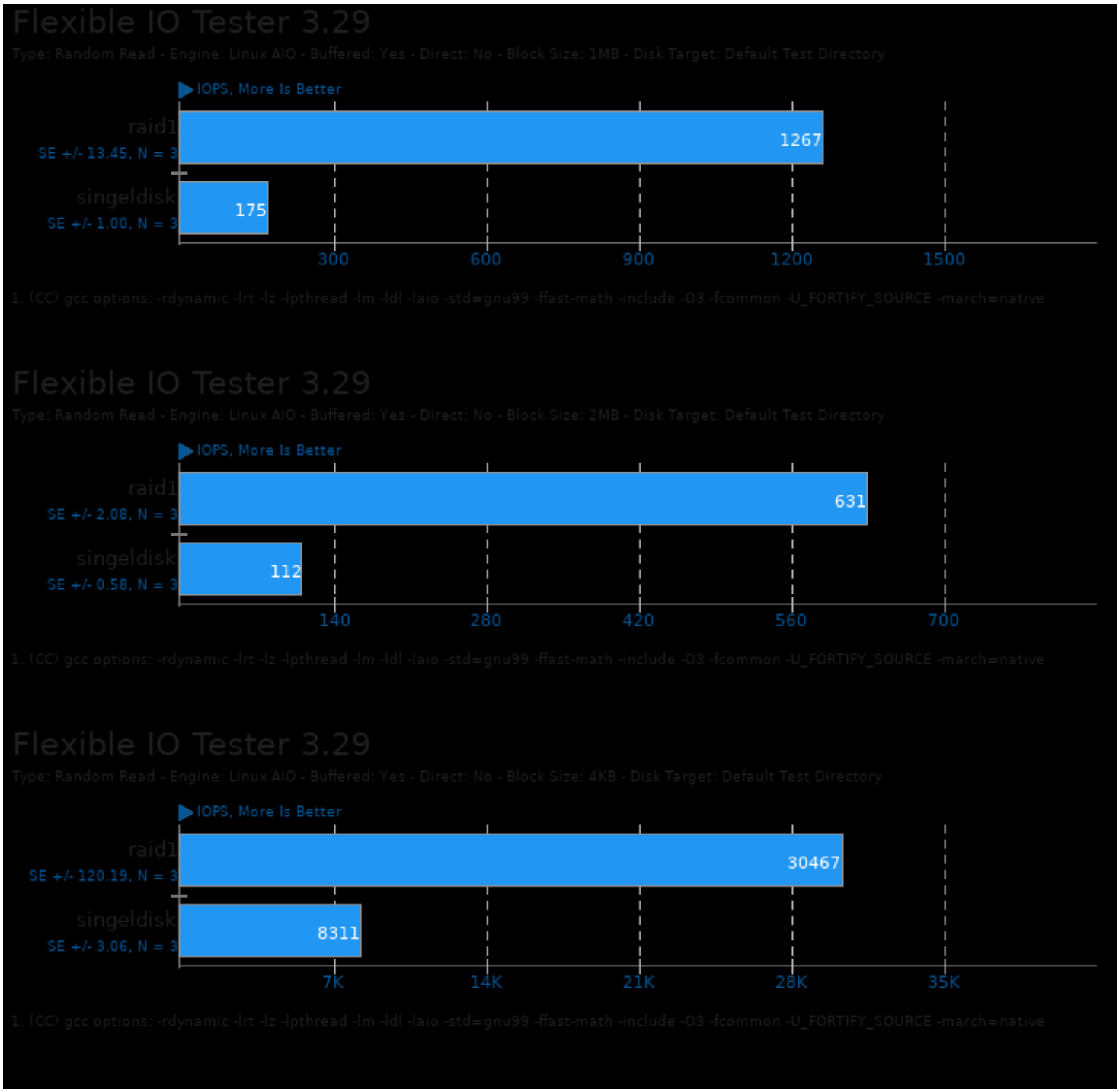
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 5.50, N = 2
singeldisk
2737
439
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 8.14, N = 3
singeldisk
1380
220
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1527.53, N = 3
singeldisk
448000
113000
100K
200K
300K
400K
500K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

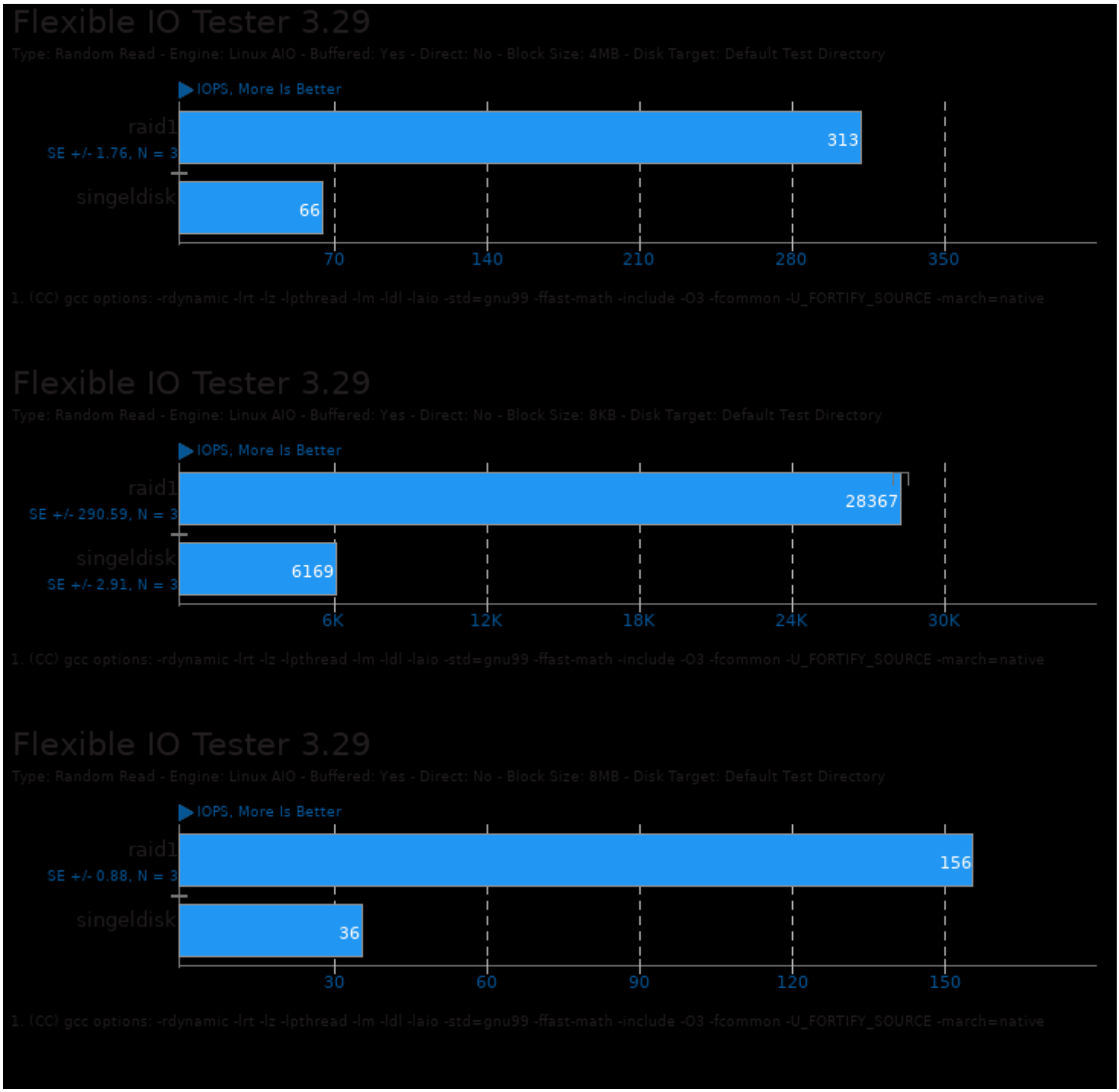
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.53, N = 3
698
singeldisk
SE +/- 0.33, N = 3
110
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 577.35, N = 3
279000
singeldisk
SE +/- 33.33, N = 3
56367
60K
120K
180K
240K
300K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.20, N = 3
351
singeldisk
54
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

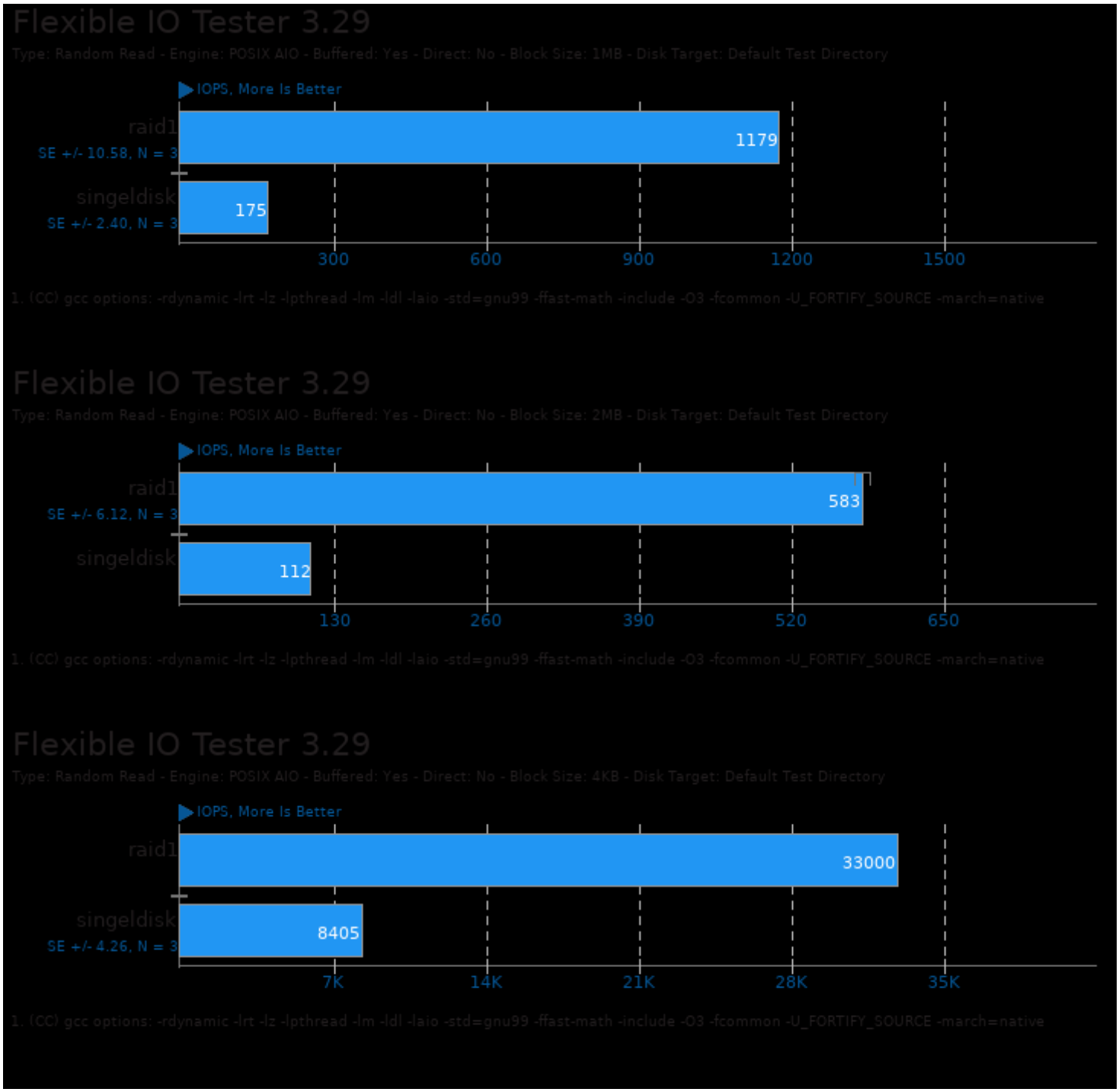
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 13.45, N = 3
1267
singeldisk
SE +/- 1.00, N = 3
175
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2.08, N = 3
631
singeldisk
SE +/- 0.58, N = 3
112
140
280
420
560
700
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 120.19, N = 3
30467
singeldisk
SE +/- 3.06, N = 3
8311
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

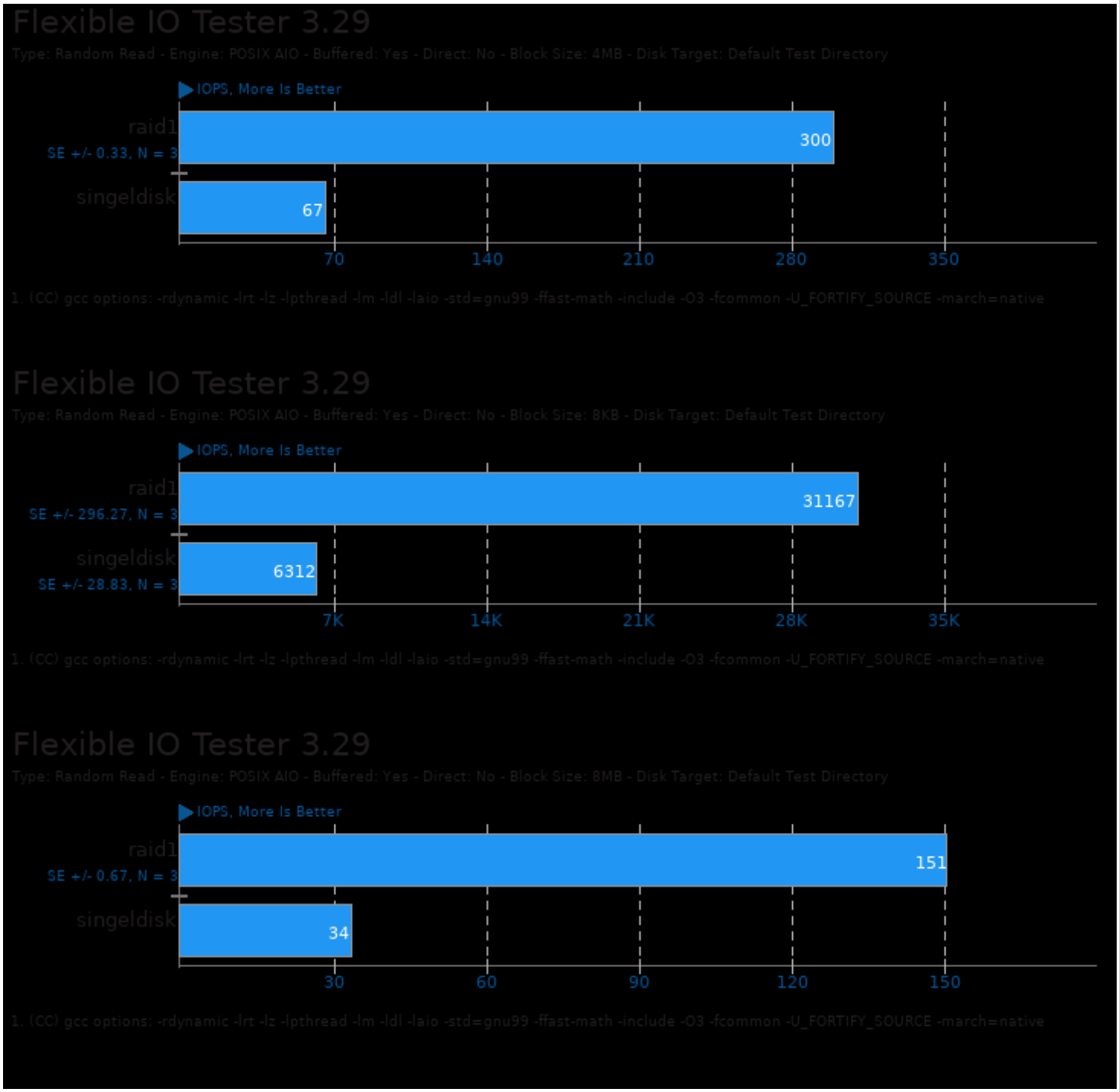
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.76, N = 3
313
singeldisk
66
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 290.59, N = 3
28367
singeldisk
SE +/- 2.91, N = 3
6169
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.88, N = 3
156
singeldisk
36
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

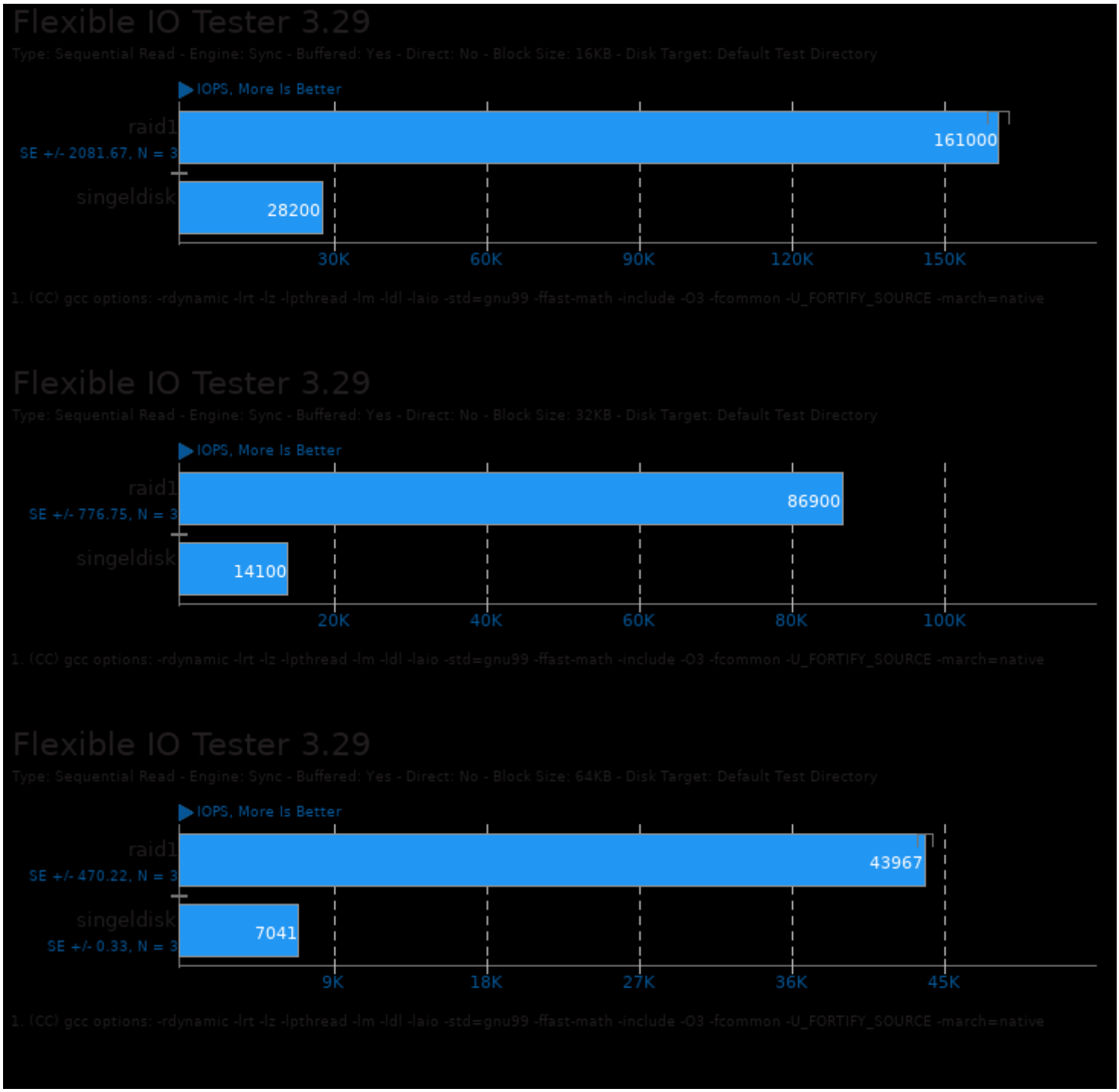
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 10.58, N = 3
1179
singeldisk
SE +/- 2.40, N = 3
175
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 6.12, N = 3
583
singeldisk
112
130
260
390
520
650
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
33000
singeldisk
SE +/- 4.26, N = 3
8405
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

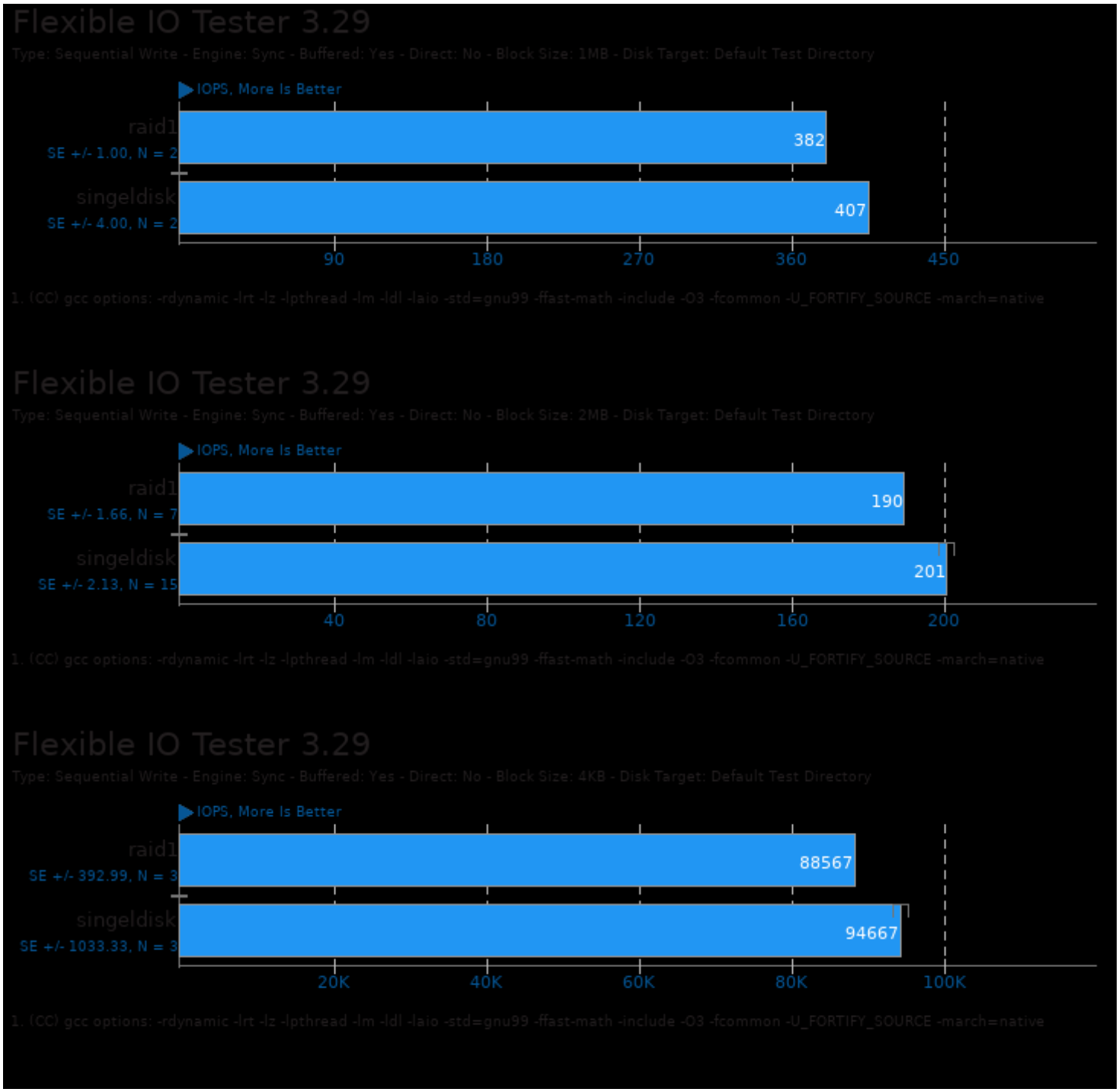
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.33, N = 3
300
singeldisk
67
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 296.27, N = 3
31167
singeldisk
SE +/- 28.83, N = 3
6312
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.67, N = 3
151
singeldisk
34
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

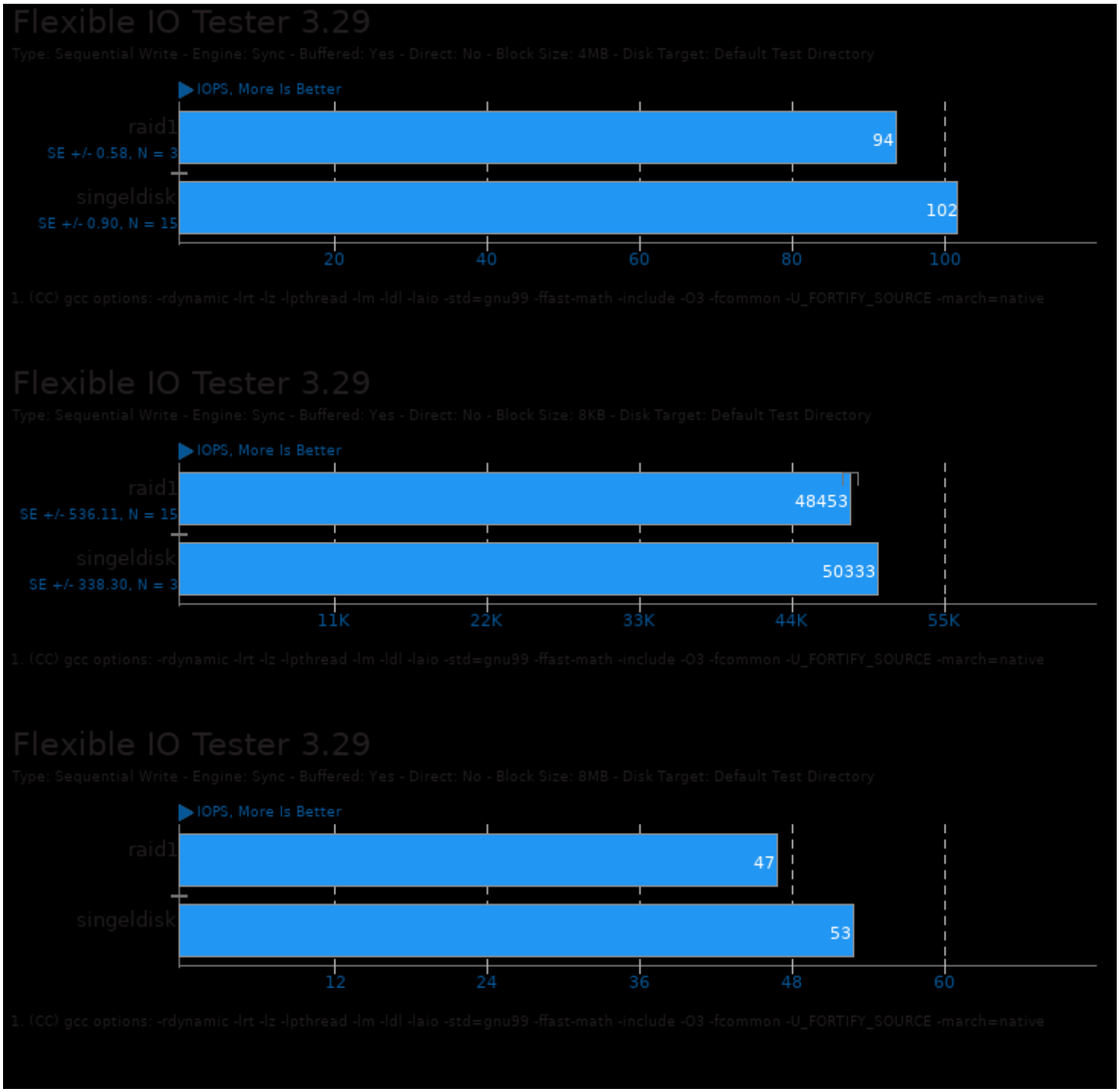
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2081.67, N = 3
161000
singeldisk
28200
30K
60K
90K
120K
150K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 776.75, N = 3
86900
singeldisk
14100
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 470.22, N = 3
43967
singeldisk
SE +/- 0.33, N = 3
7041
9K
18K
27K
36K
45K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

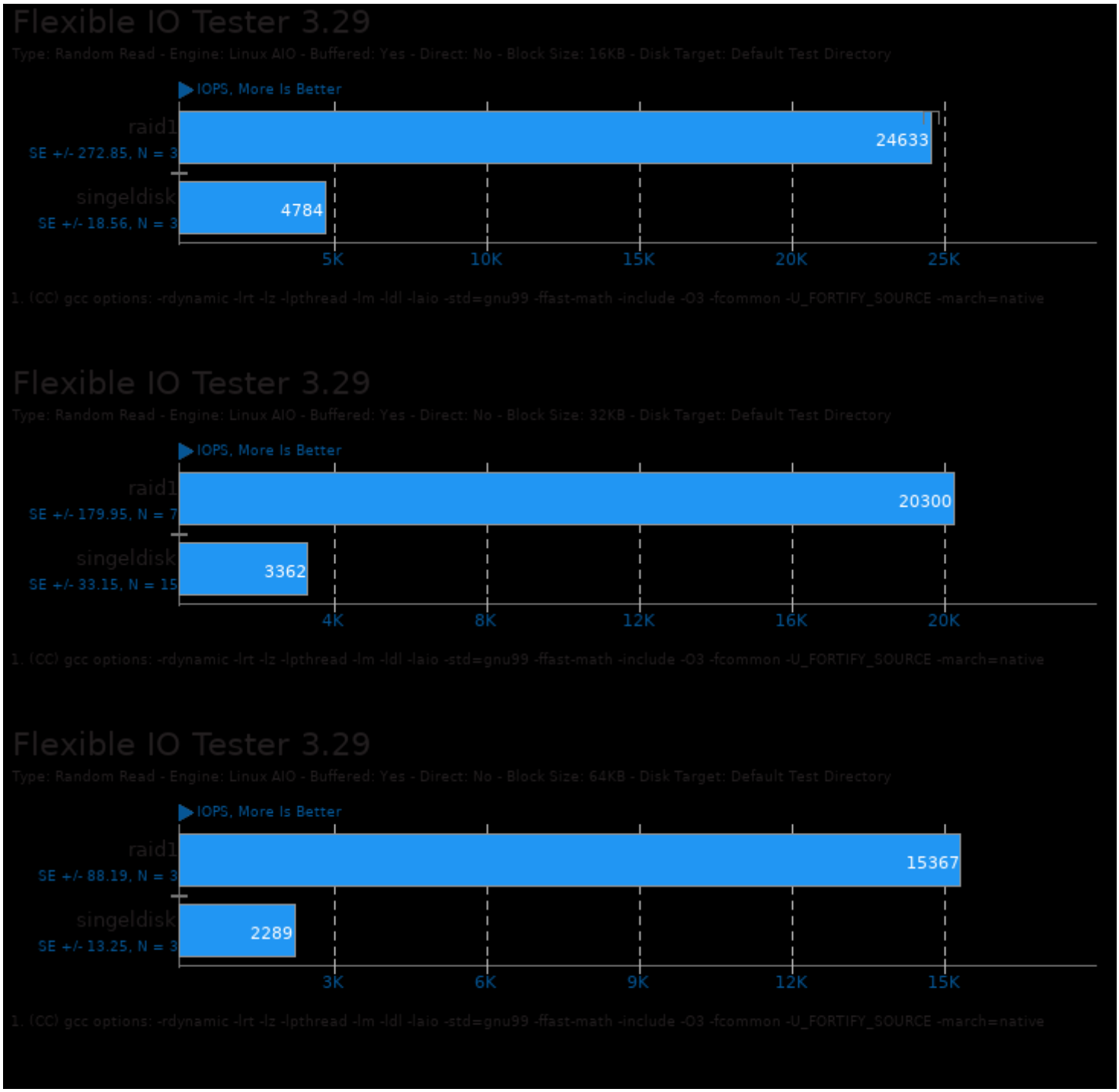
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.00, N = 2
382
singeldisk
SE +/- 4.00, N = 2
407
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.66, N = 7
190
singeldisk
SE +/- 2.13, N = 15
201
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 392.99, N = 3
88567
singeldisk
SE +/- 1033.33, N = 3
94667
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

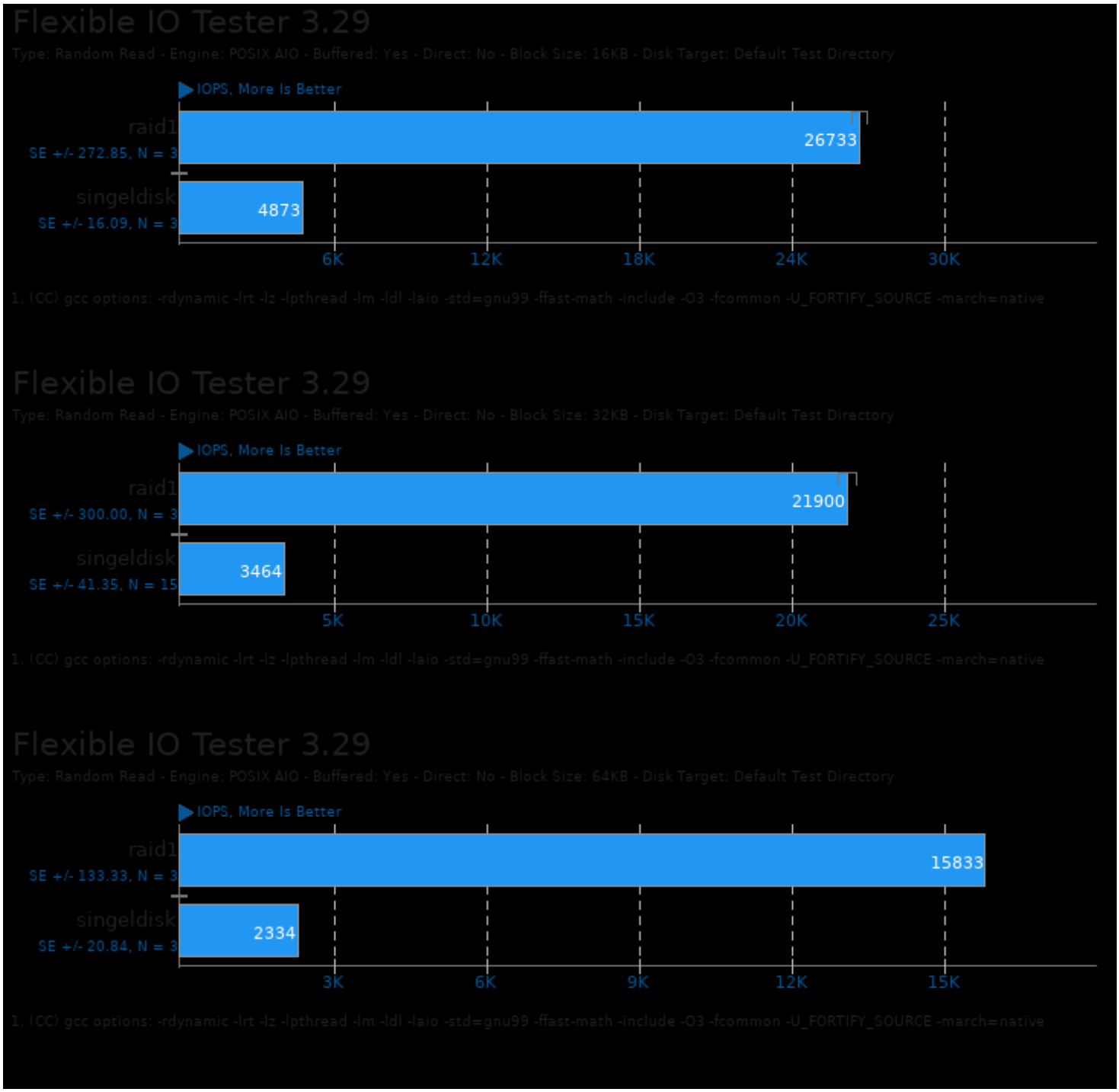
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.58, N = 3
94
singeldisk
SE +/- 0.90, N = 15
102
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 536.11, N = 15
48453
singeldisk
SE +/- 338.30, N = 3
50333
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
47
singeldisk
53
12
24
36
48
60
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

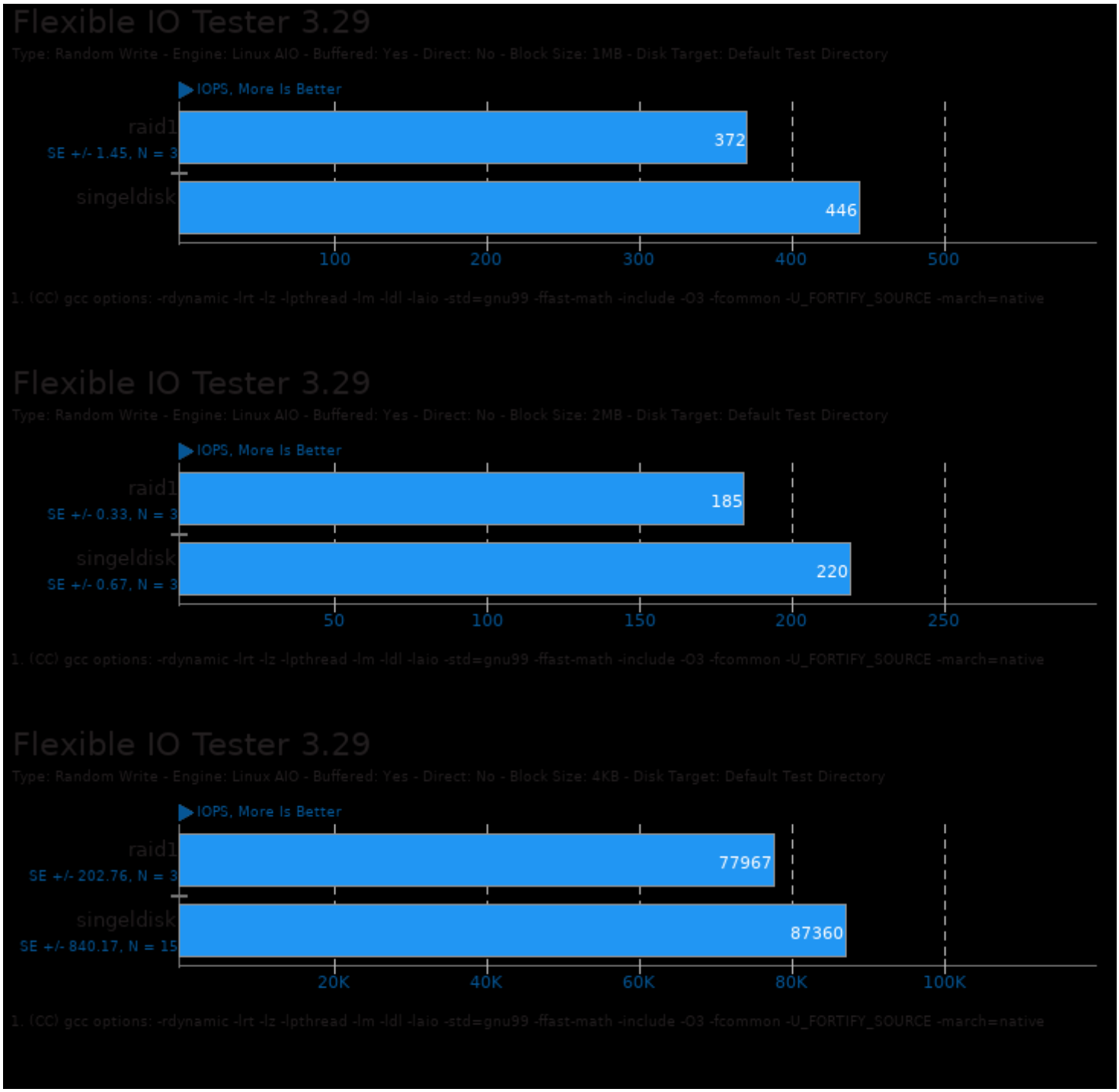
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 272.85, N = 3
24633
singeldisk
SE +/- 18.56, N = 3
4784
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 179.95, N = 7
20300
singeldisk
SE +/- 33.15, N = 15
3362
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 88.19, N = 3
15367
singeldisk
SE +/- 13.25, N = 3
2289
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

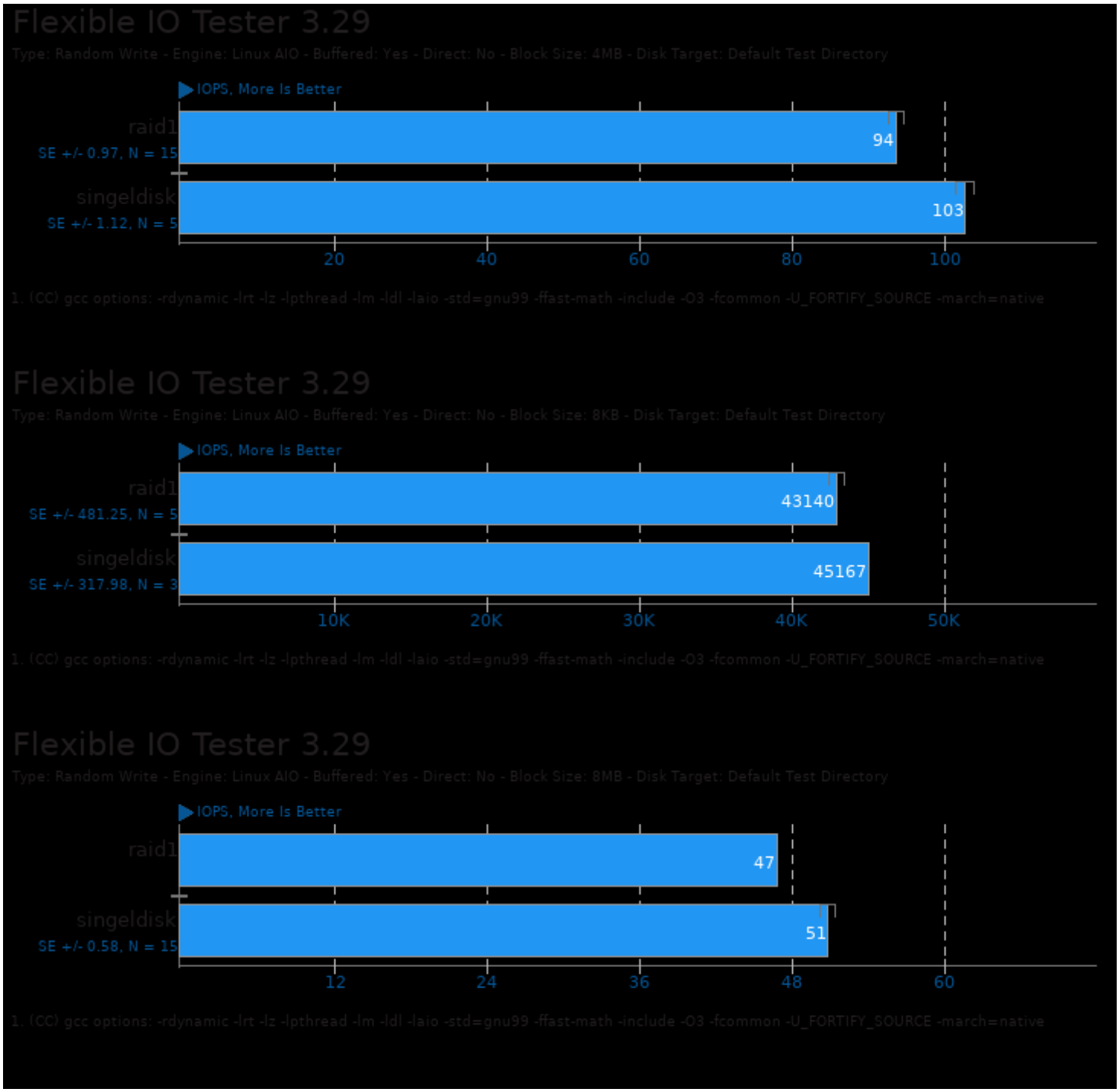
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 272.85, N = 3
26733
singeldisk
SE +/- 16.09, N = 3
4873
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 300.00, N = 3
21900
singeldisk
SE +/- 41.35, N = 15
3464
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 133.33, N = 3
15833
singeldisk
SE +/- 20.84, N = 3
2334
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

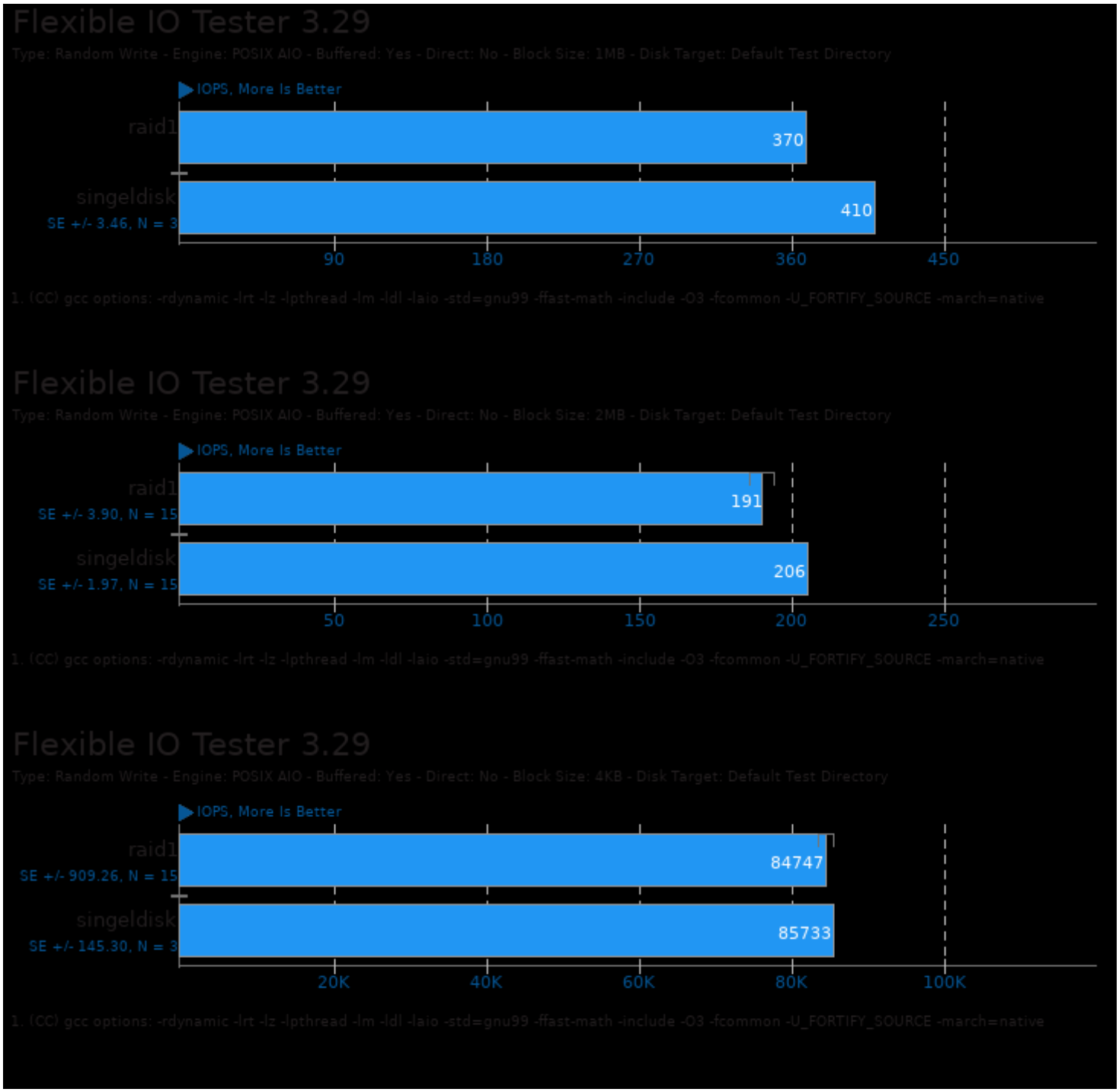
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.45, N = 3
372
singeldisk
446
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.33, N = 3
185
singeldisk
SE +/- 0.67, N = 3
220
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 202.76, N = 3
77967
singeldisk
SE +/- 840.17, N = 15
87360
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

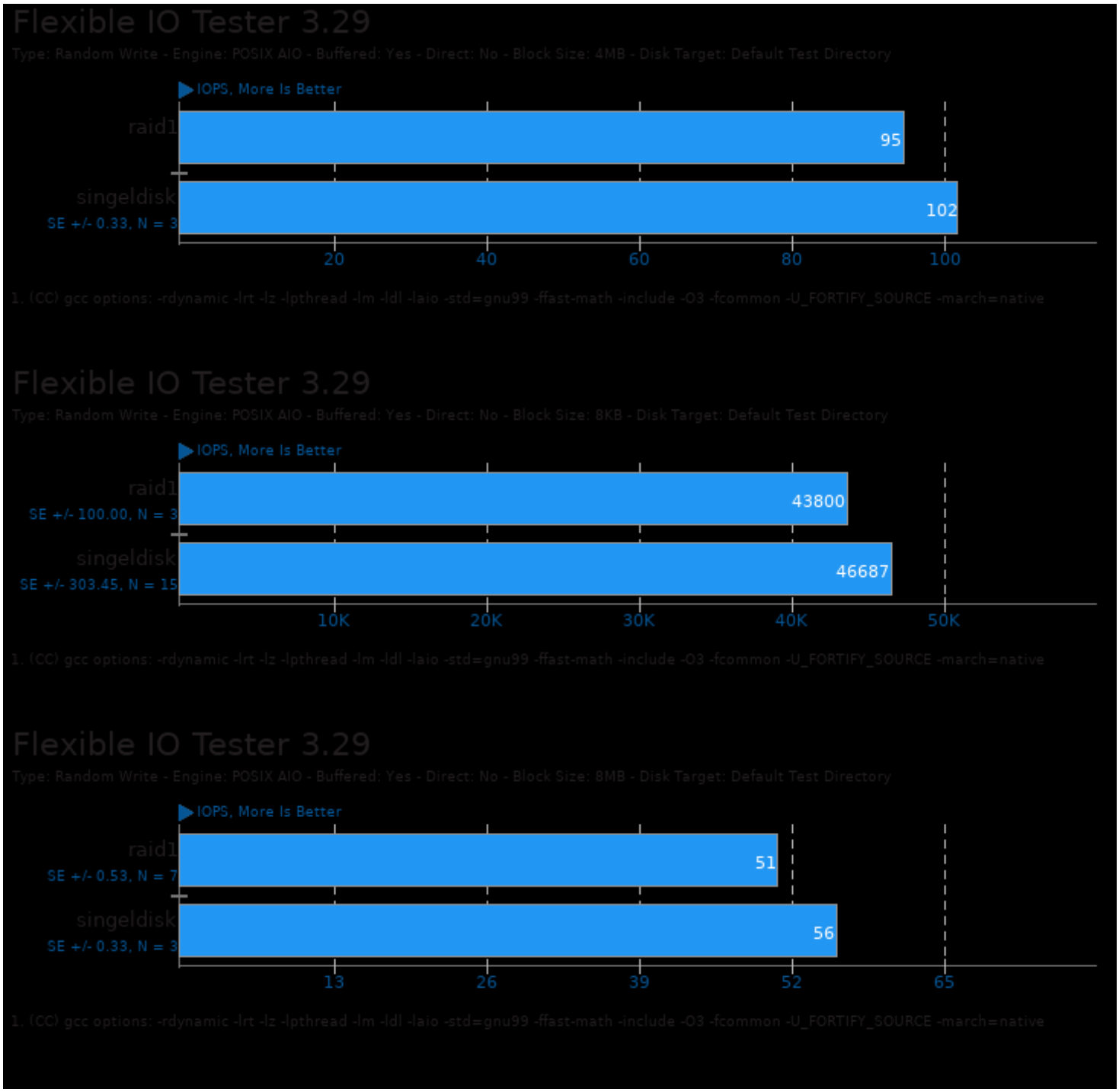
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.97, N = 15
94
singeldisk
SE +/- 1.12, N = 5
103
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 481.25, N = 5
43140
singeldisk
SE +/- 317.98, N = 3
45167
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
47
singeldisk
SE +/- 0.58, N = 15
51
12
24
36
48
60
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

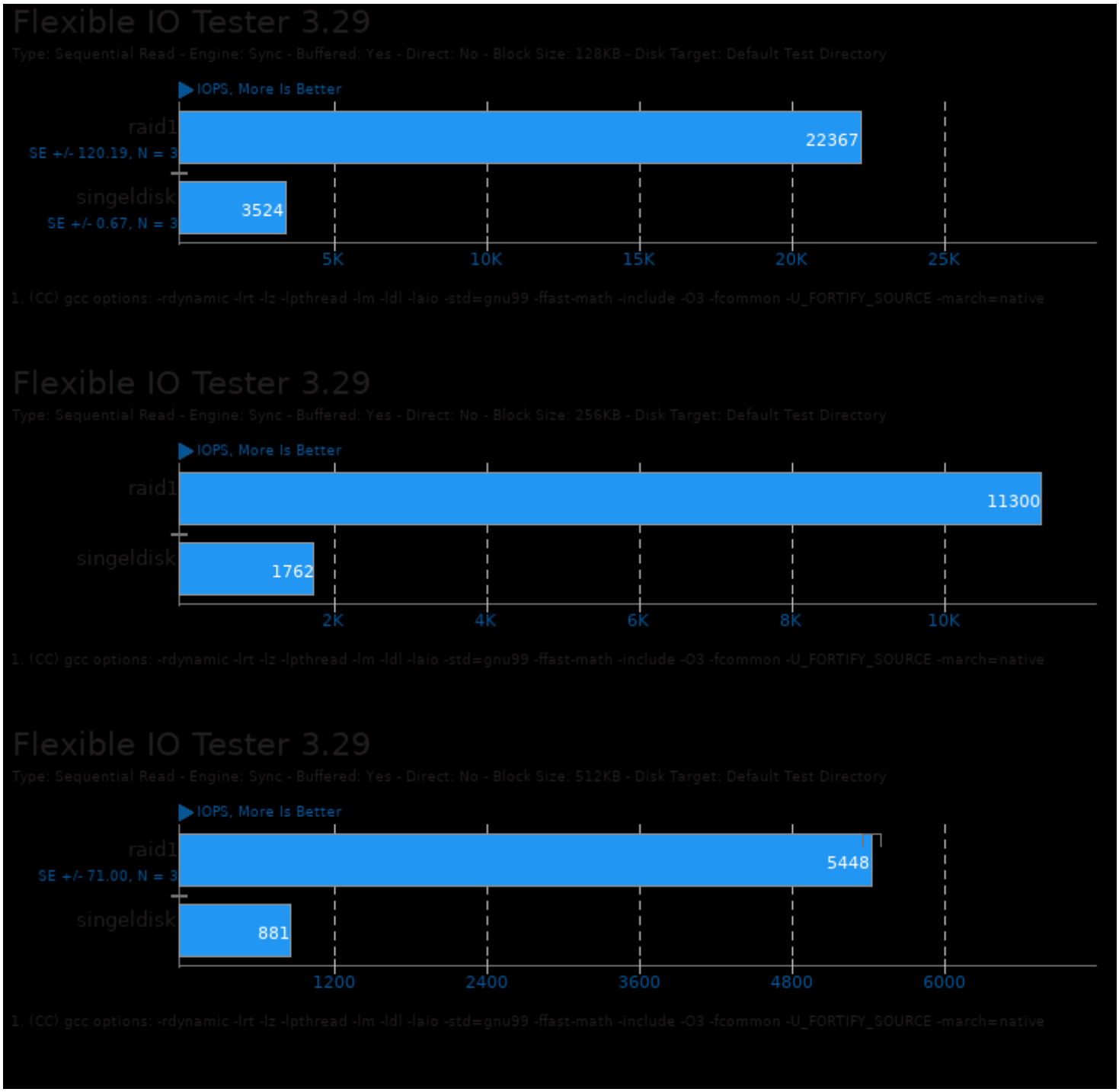
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
370
singeldisk
SE +/- 3.46, N = 3
410
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 3.90, N = 15
191
singeldisk
SE +/- 1.97, N = 15
206
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 909.26, N = 15
84747
singeldisk
SE +/- 145.30, N = 3
85733
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

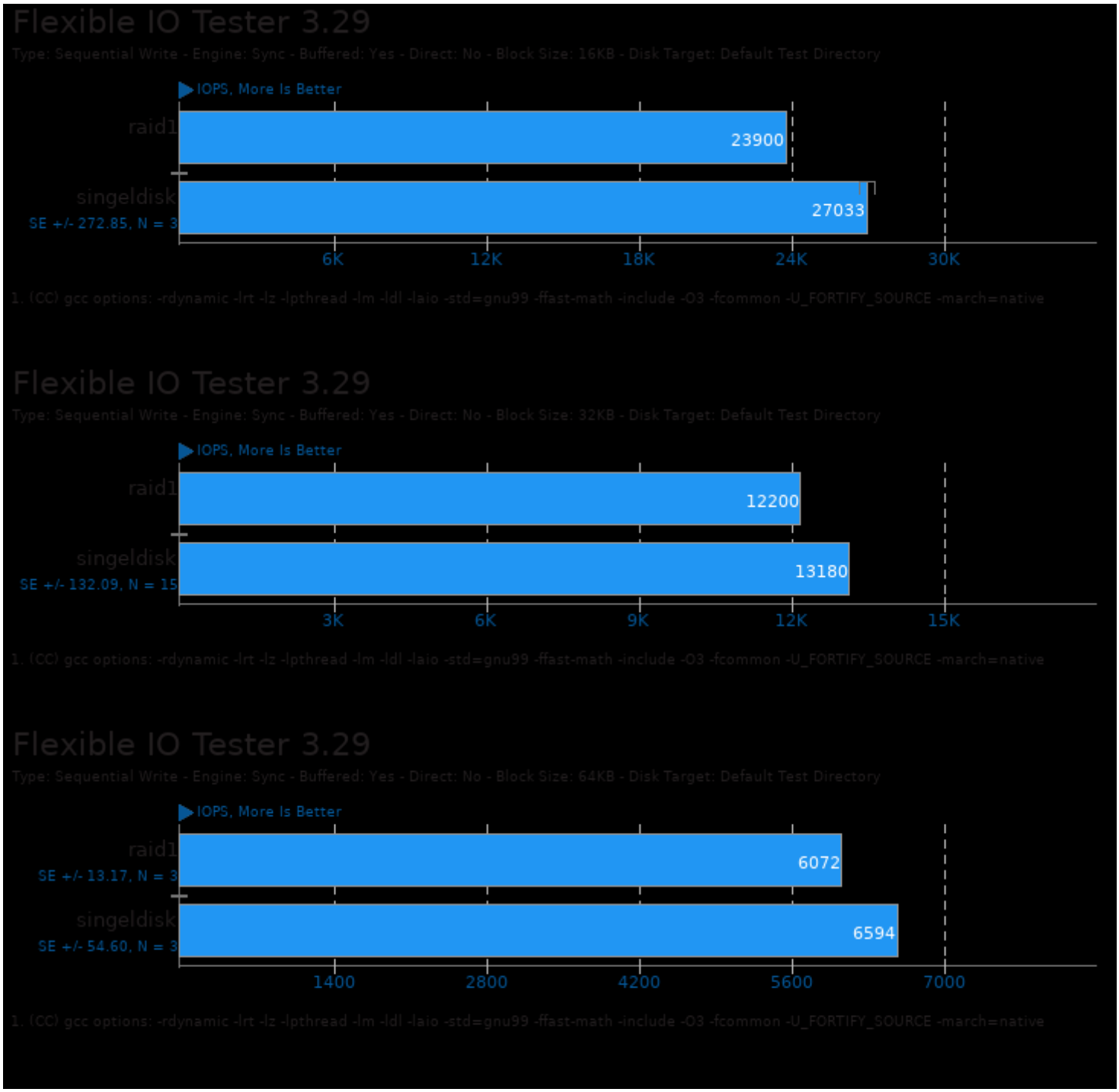
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
95
singeldisk
SE +/- 0.33, N = 3
102
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 100.00, N = 3
43800
singeldisk
SE +/- 303.45, N = 15
46687
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.53, N = 7
51
singeldisk
SE +/- 0.33, N = 3
56
13
26
39
52
65
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

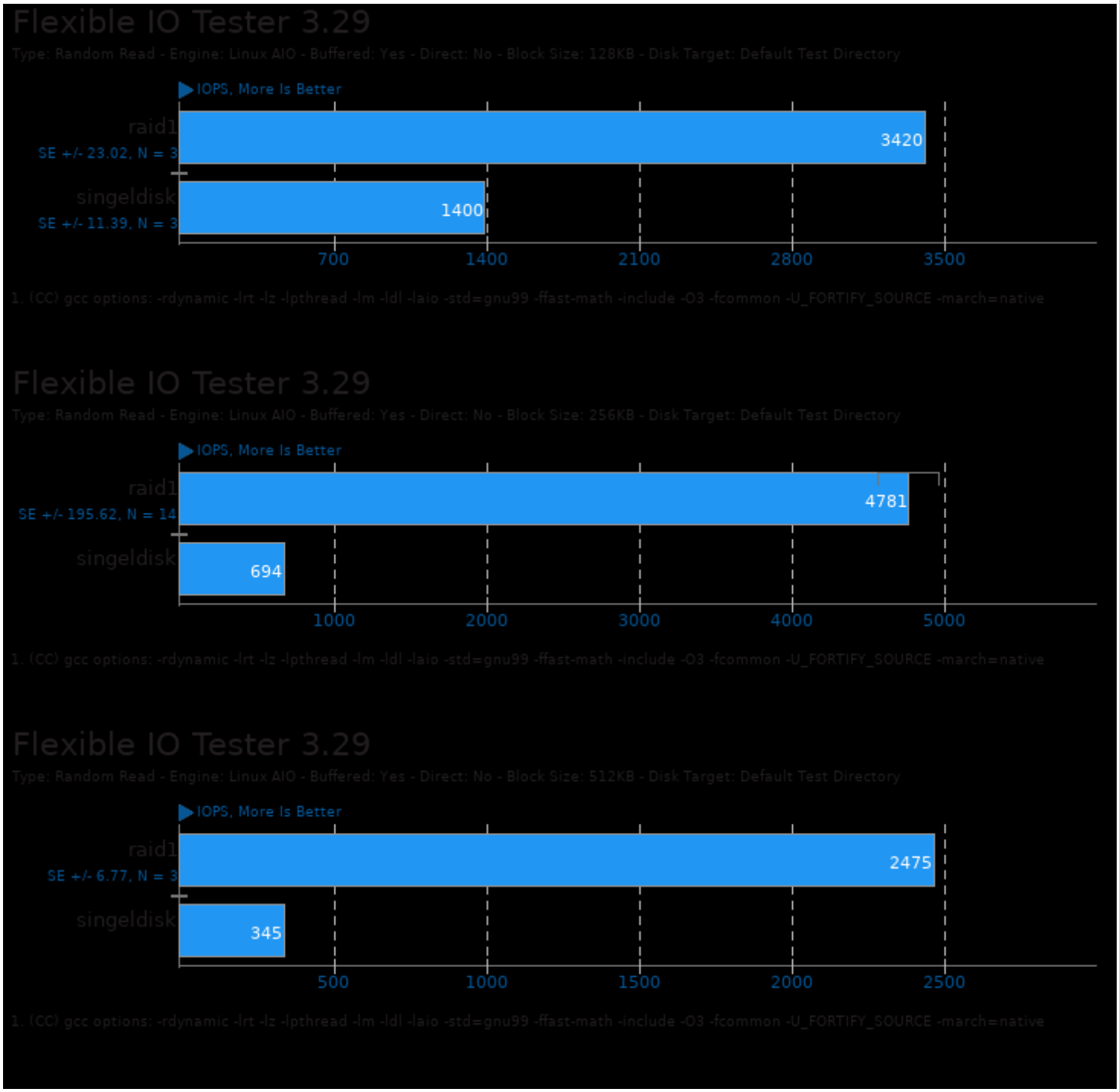
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 120.19, N = 3
22367
singeldisk
SE +/- 0.67, N = 3
3524
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
11300
singeldisk
1762
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 71.00, N = 3
5448
singeldisk
881
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

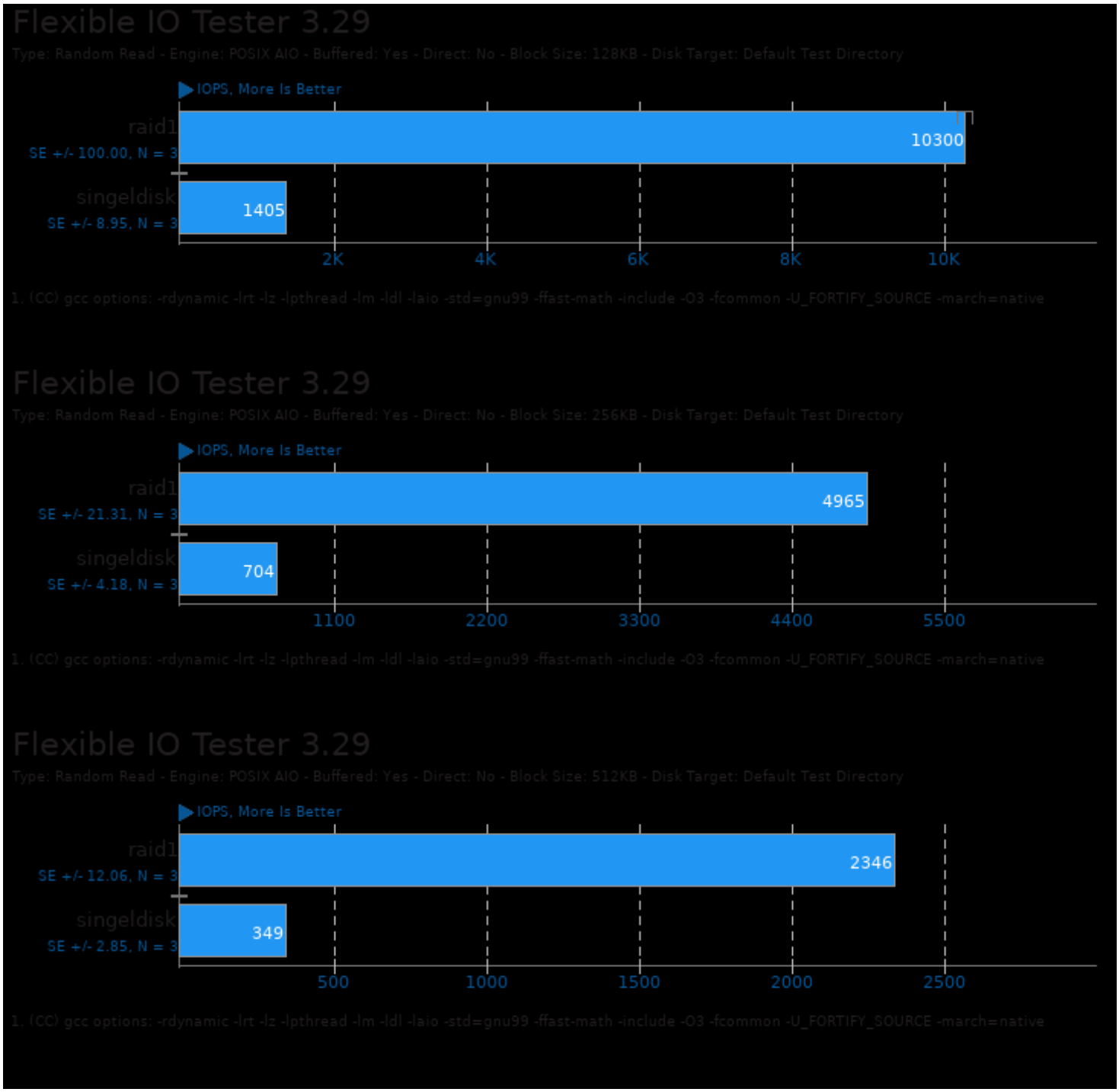
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
23900
singeldisk
27033
SE +/- 272.85, N = 3
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
12200
singeldisk
13180
SE +/- 132.09, N = 15
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 13.17, N = 3
6072
singeldisk
SE +/- 54.60, N = 3
6594
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

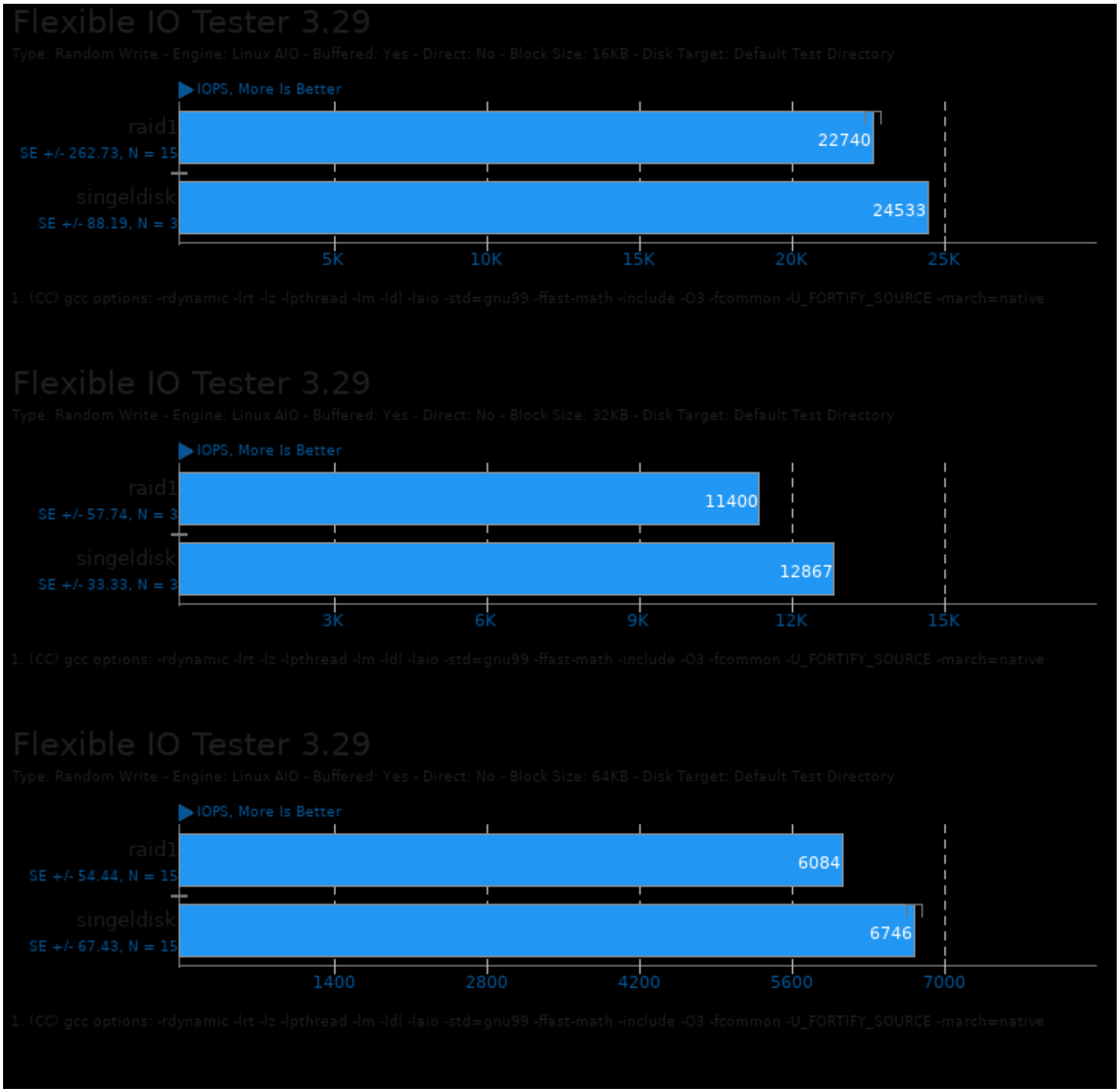
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 23.02, N = 3
3420
singeldisk
SE +/- 11.39, N = 3
1400
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 195.62, N = 14
4781
singeldisk
694
1000
2000
3000
4000
5000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 6.77, N = 3
2475
singeldisk
345
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

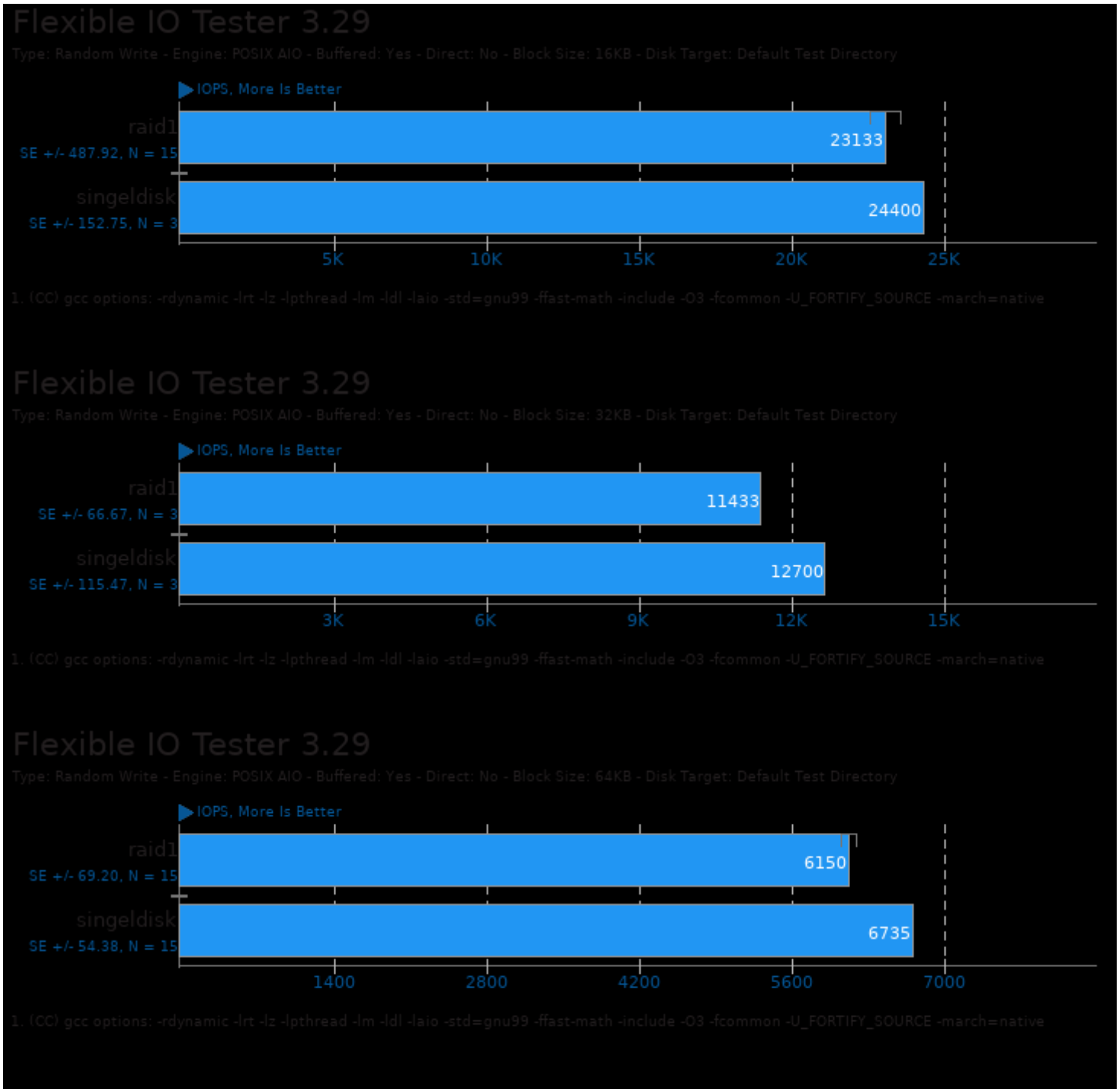
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 100.00, N = 3
10300
singeldisk
SE +/- 8.95, N = 3
1405
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 21.31, N = 3
4965
singeldisk
SE +/- 4.18, N = 3
704
1100
2200
3300
4400
5500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 12.06, N = 3
2346
singeldisk
SE +/- 2.85, N = 3
349
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

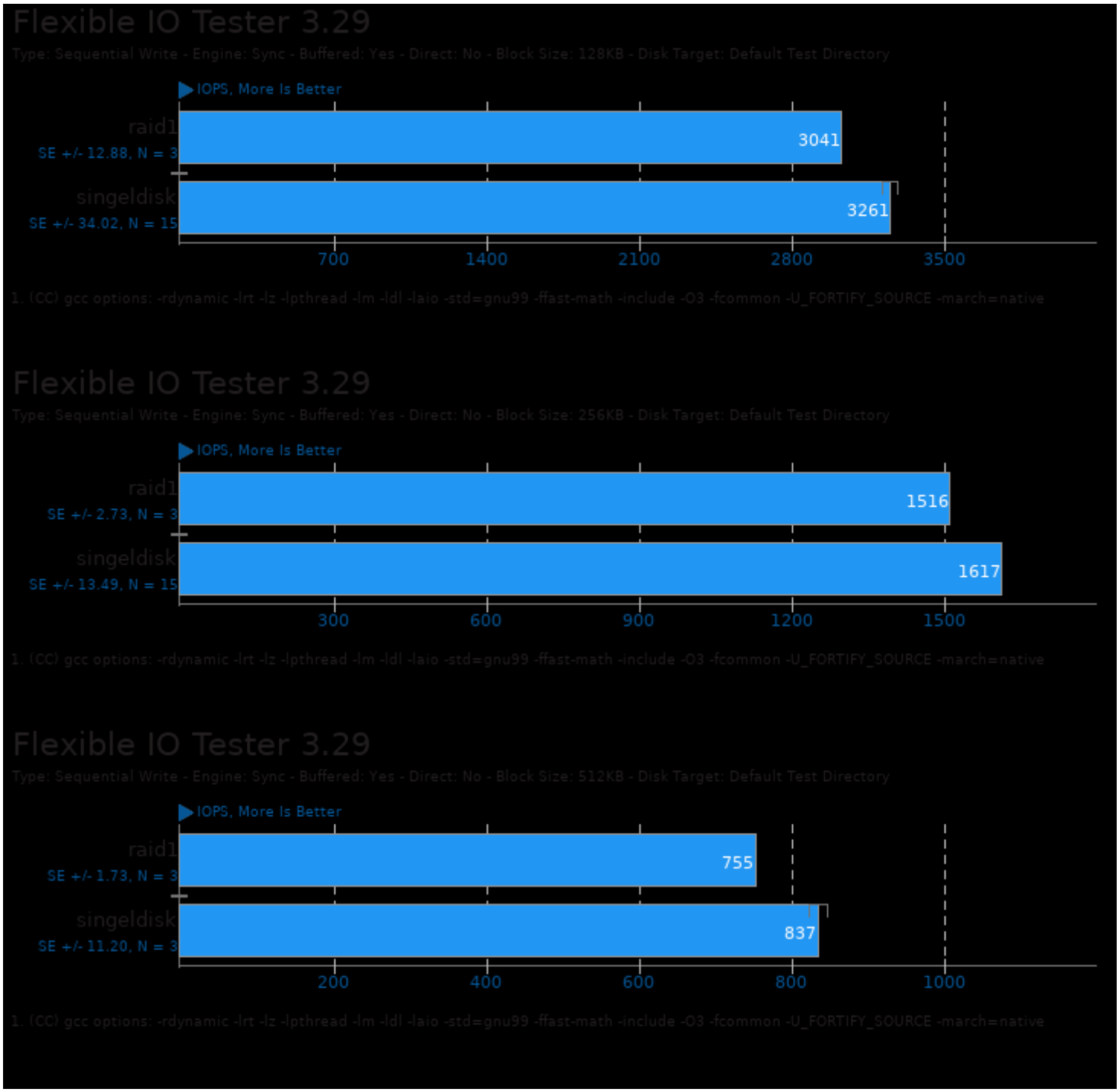
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 262.73, N = 15
22740
singeldisk
SE +/- 88.19, N = 3
24533
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 57.74, N = 3
11400
singeldisk
SE +/- 33.33, N = 3
12867
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 54.44, N = 15
6084
singeldisk
SE +/- 67.43, N = 15
6746
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

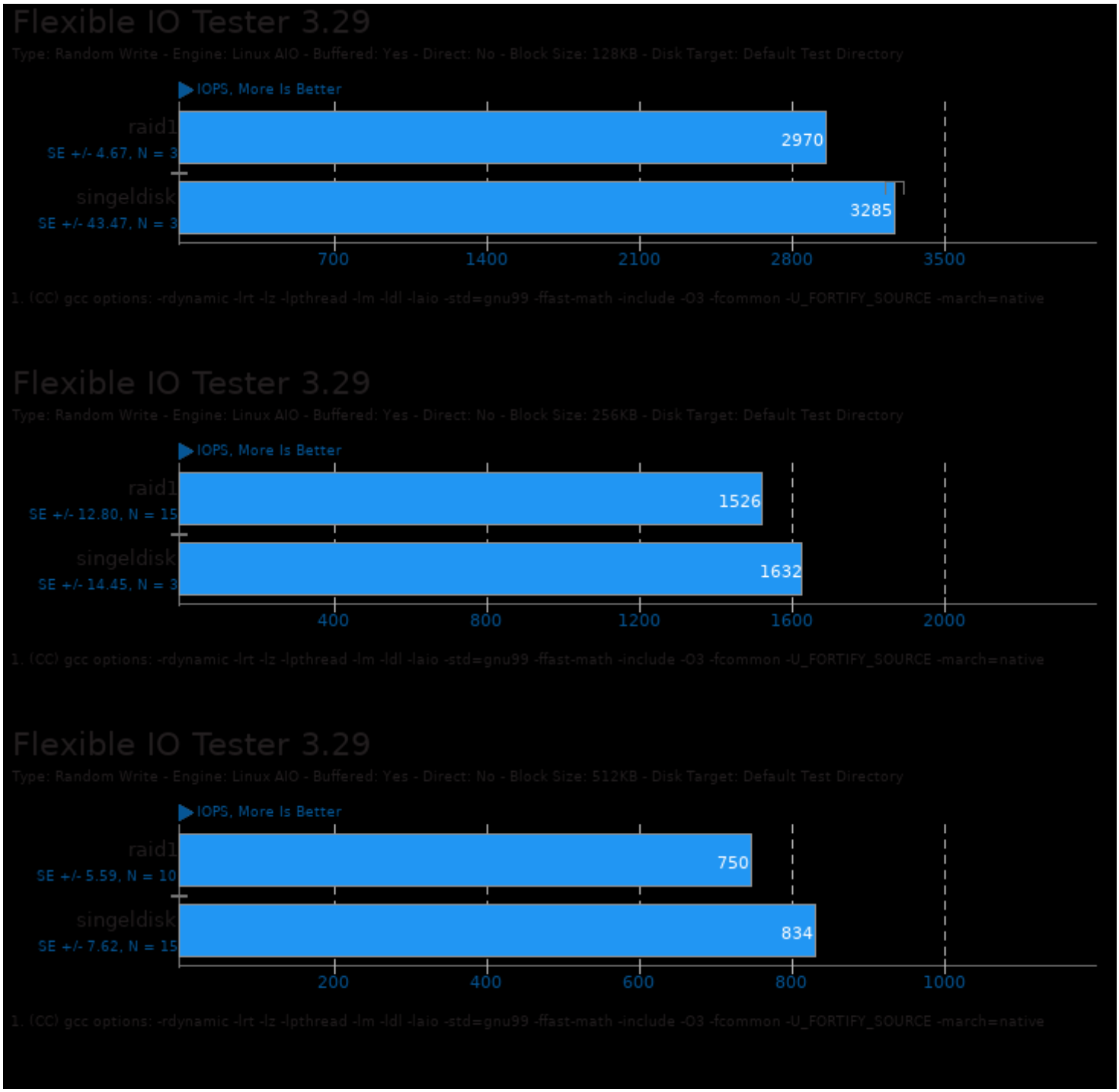
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 487.92, N = 15
23133
singeldisk
SE +/- 152.75, N = 3
24400
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 66.67, N = 3
11433
singeldisk
SE +/- 115.47, N = 3
12700
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 69.20, N = 15
6150
singeldisk
SE +/- 54.38, N = 15
6735
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

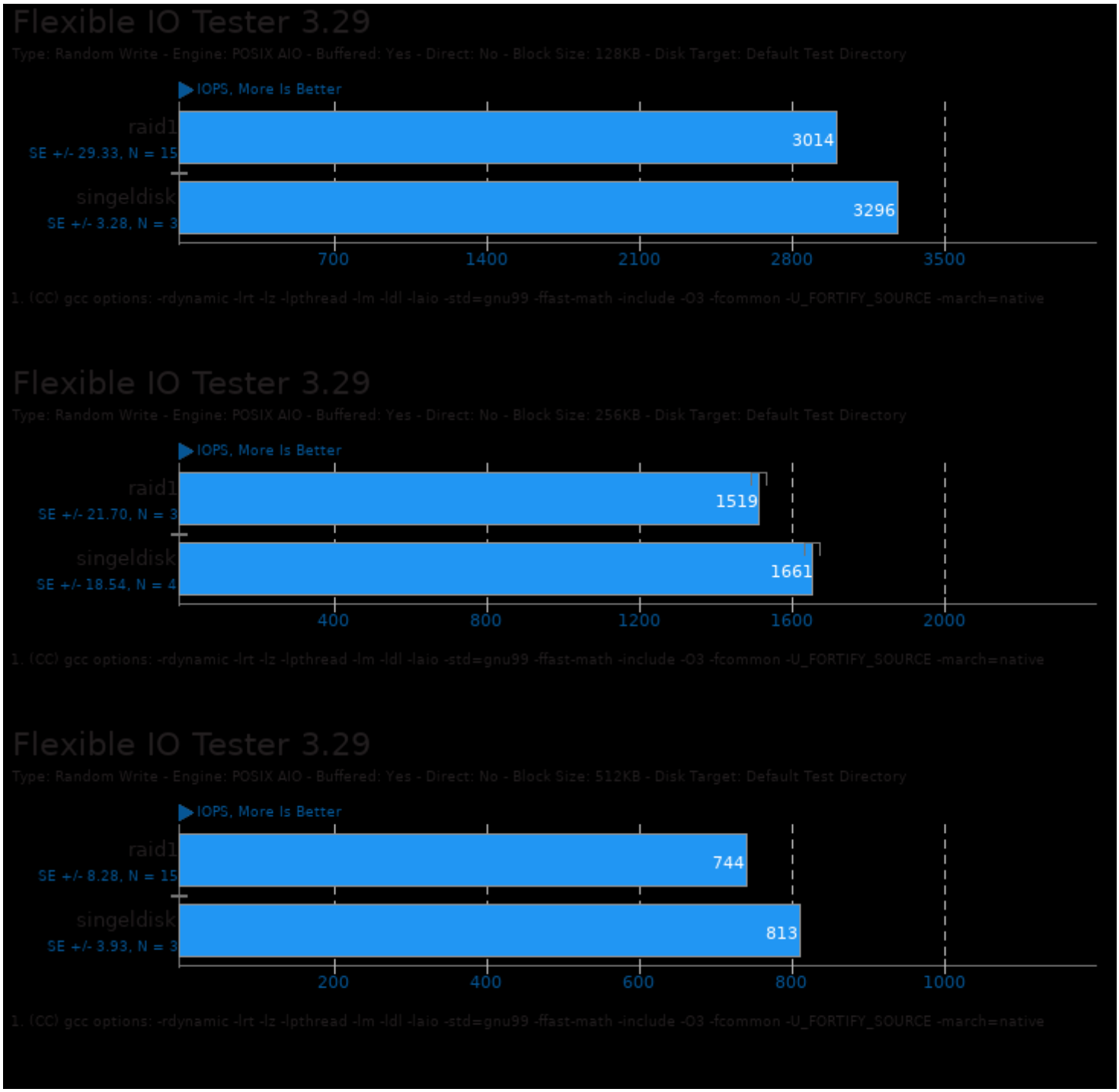
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 12.88, N = 3
3041
singeldisk
SE +/- 34.02, N = 15
3261
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2.73, N = 3
1516
singeldisk
SE +/- 13.49, N = 15
1617
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.73, N = 3
755
singeldisk
SE +/- 11.20, N = 3
837
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

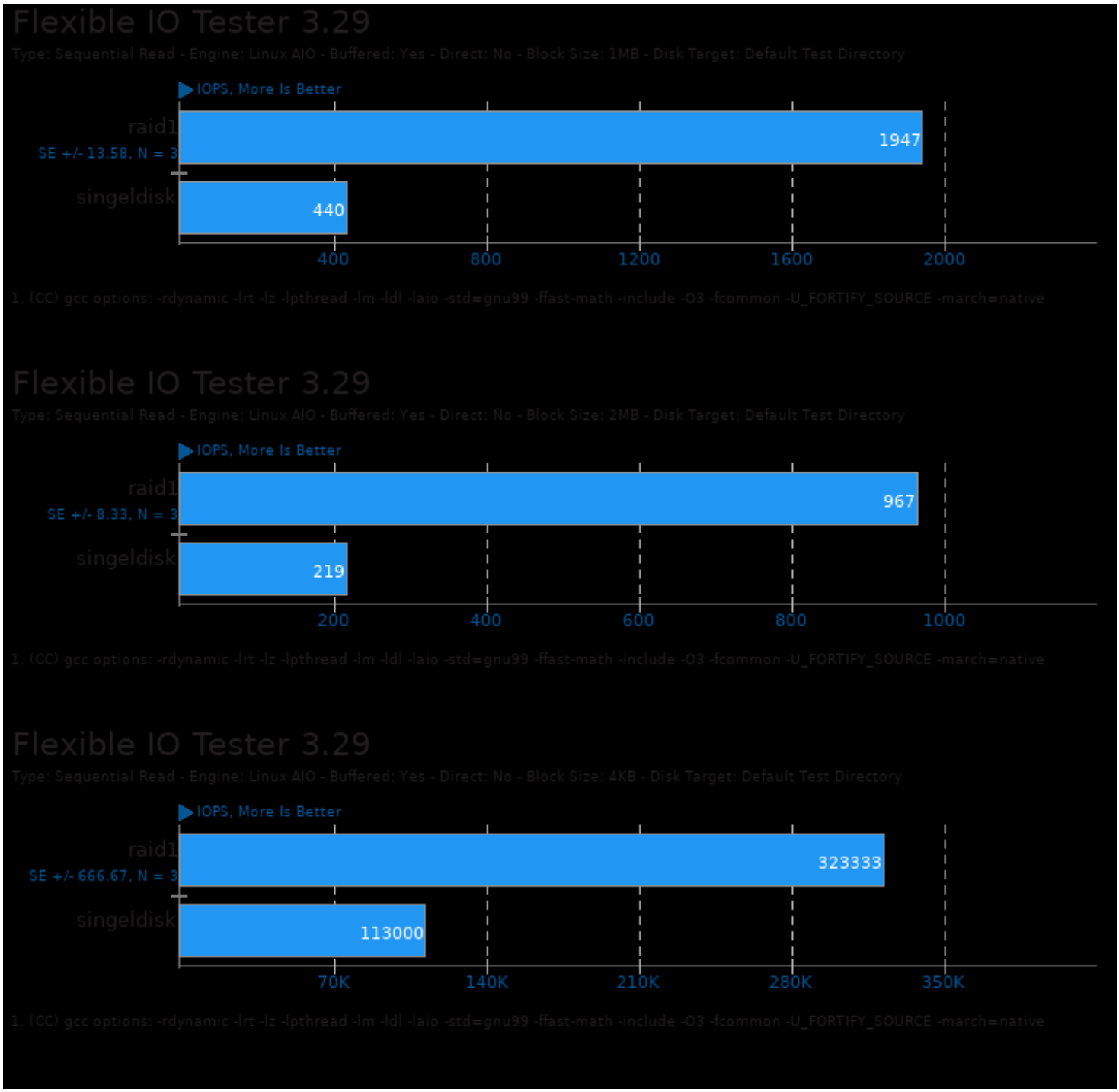
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 4.67, N = 3
2970
singeldisk
SE +/- 43.47, N = 3
3285
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 12.80, N = 15
1526
singeldisk
SE +/- 14.45, N = 3
1632
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 5.59, N = 10
750
singeldisk
SE +/- 7.62, N = 15
834
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

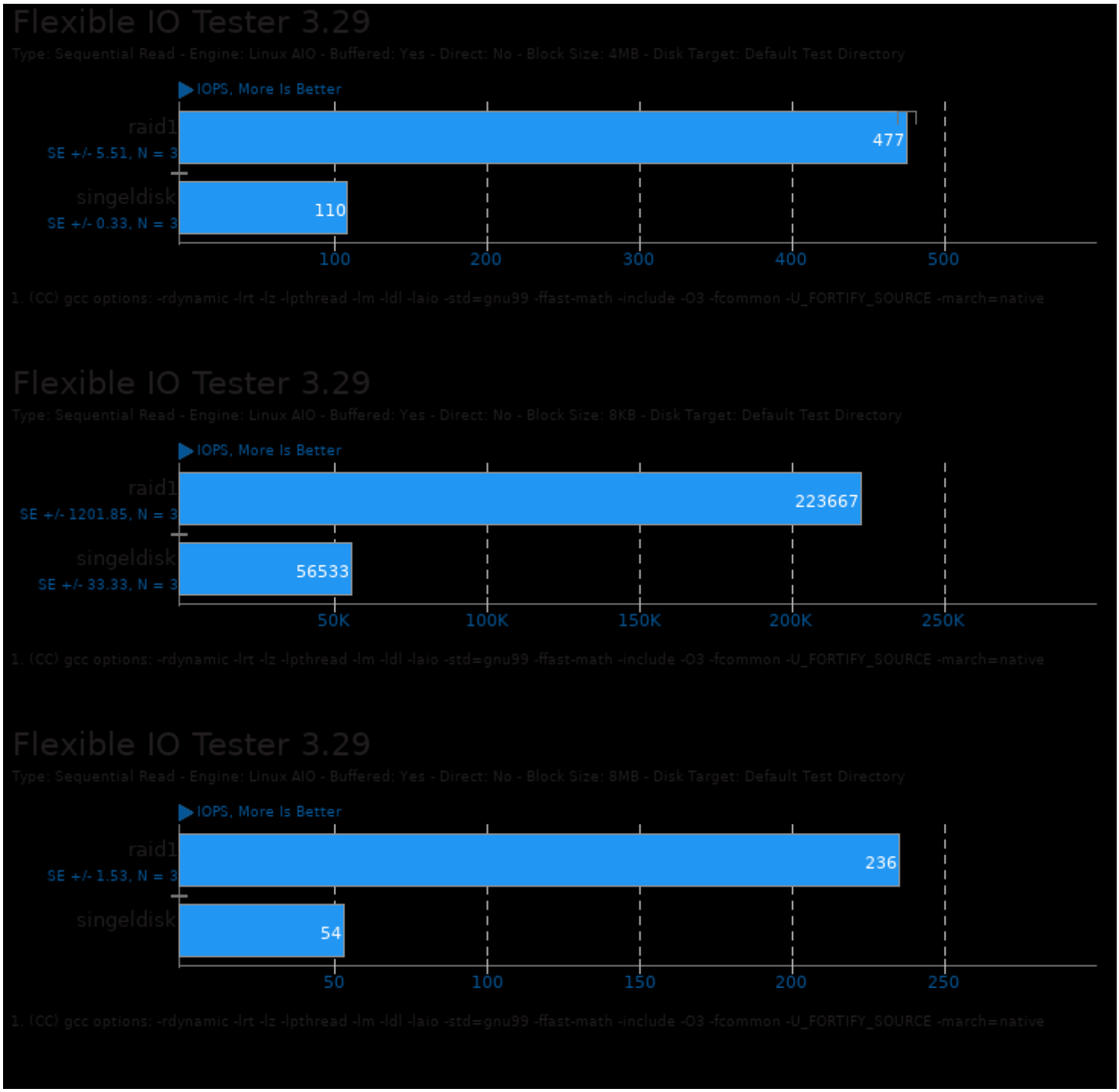
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 29.33, N = 15
3014
singeldisk
SE +/- 3.28, N = 3
3296
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 21.70, N = 3
1519
singeldisk
SE +/- 18.54, N = 4
1661
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 8.28, N = 15
744
singeldisk
SE +/- 3.93, N = 3
813
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

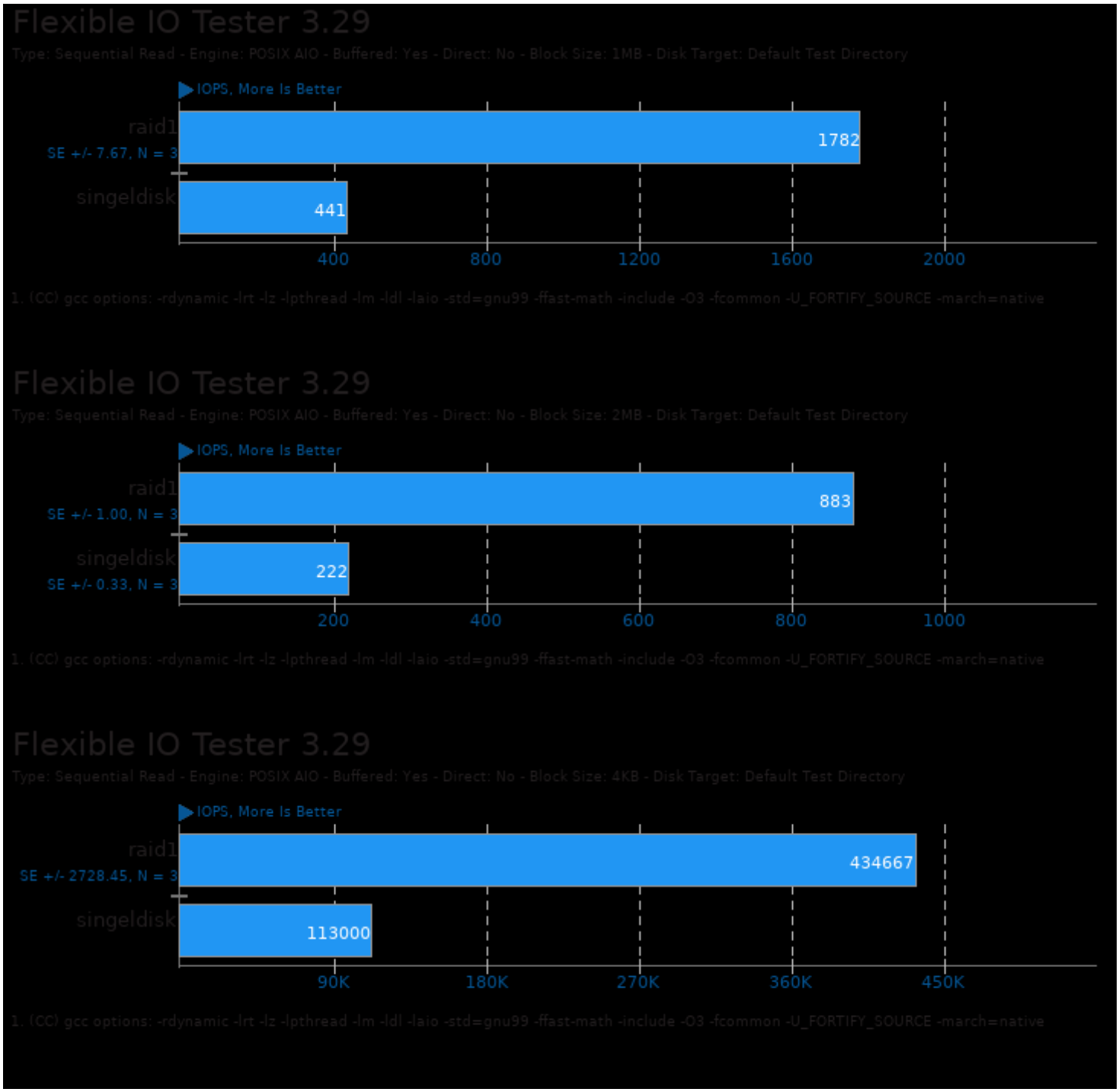
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 13.58, N = 3
1947
singeldisk
440
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 8.33, N = 3
967
singeldisk
219
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 666.67, N = 3
323333
singeldisk
113000
70K
140K
210K
280K
350K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

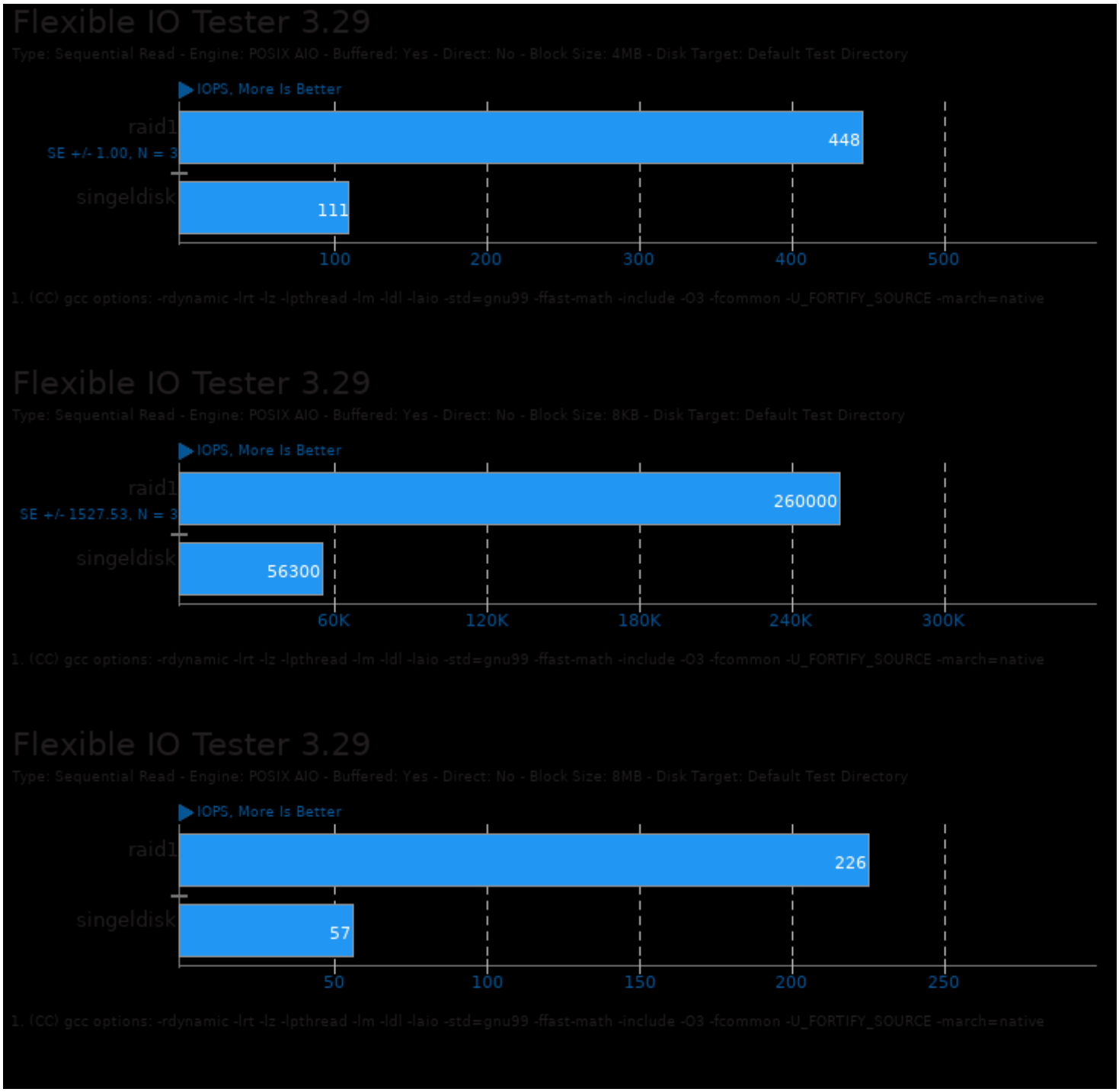
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 5.51, N = 3
477
singeldisk
SE +/- 0.33, N = 3
110
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1201.85, N = 3
223667
singeldisk
SE +/- 33.33, N = 3
56533
50K
100K
150K
200K
250K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.53, N = 3
236
singeldisk
54
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

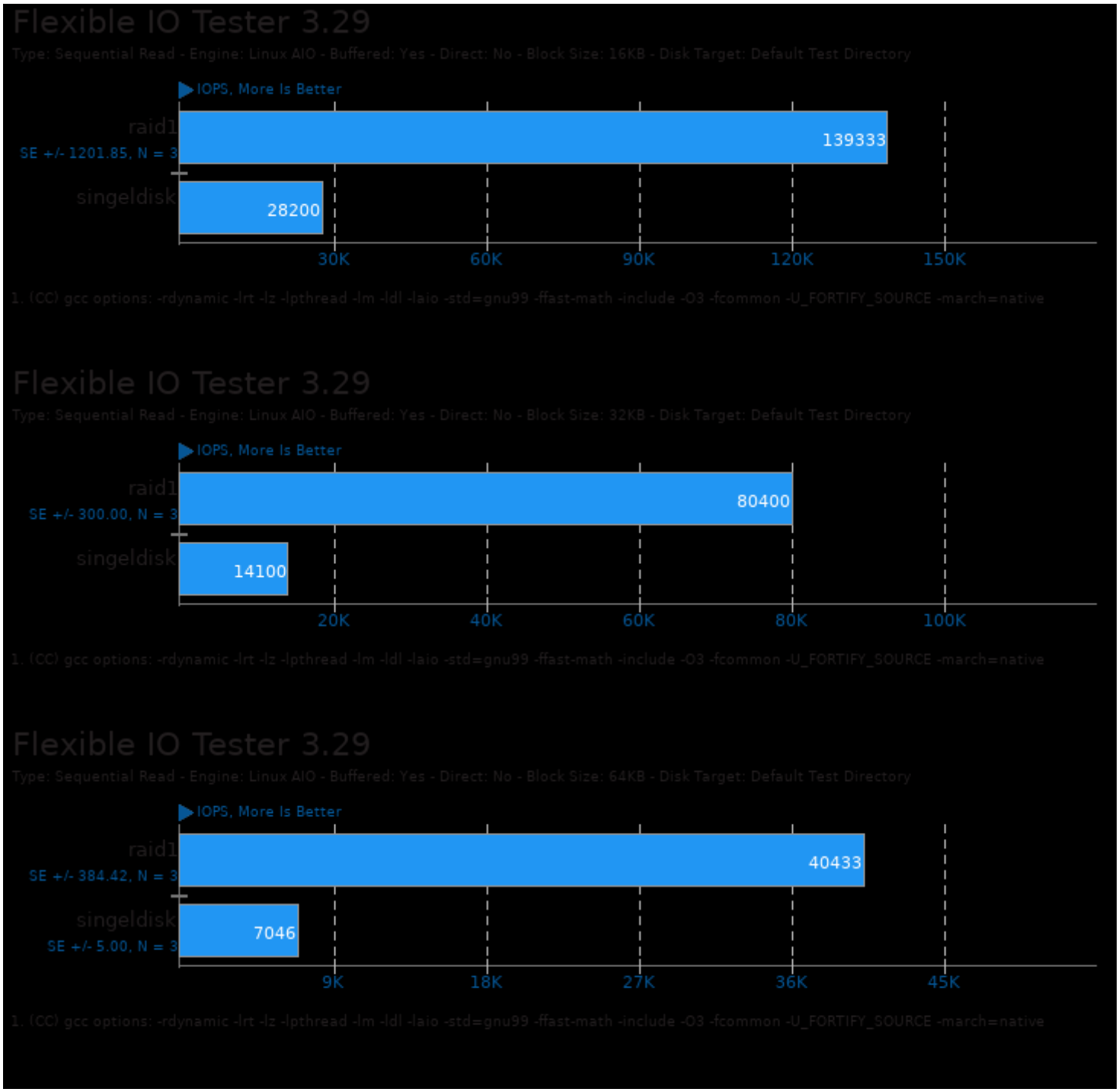
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 7.67, N = 3
1782
singeldisk
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.00, N = 3
883
singeldisk
SE +/- 0.33, N = 3
222
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 2728.45, N = 3
434667
singeldisk
113000
90K
180K
270K
360K
450K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

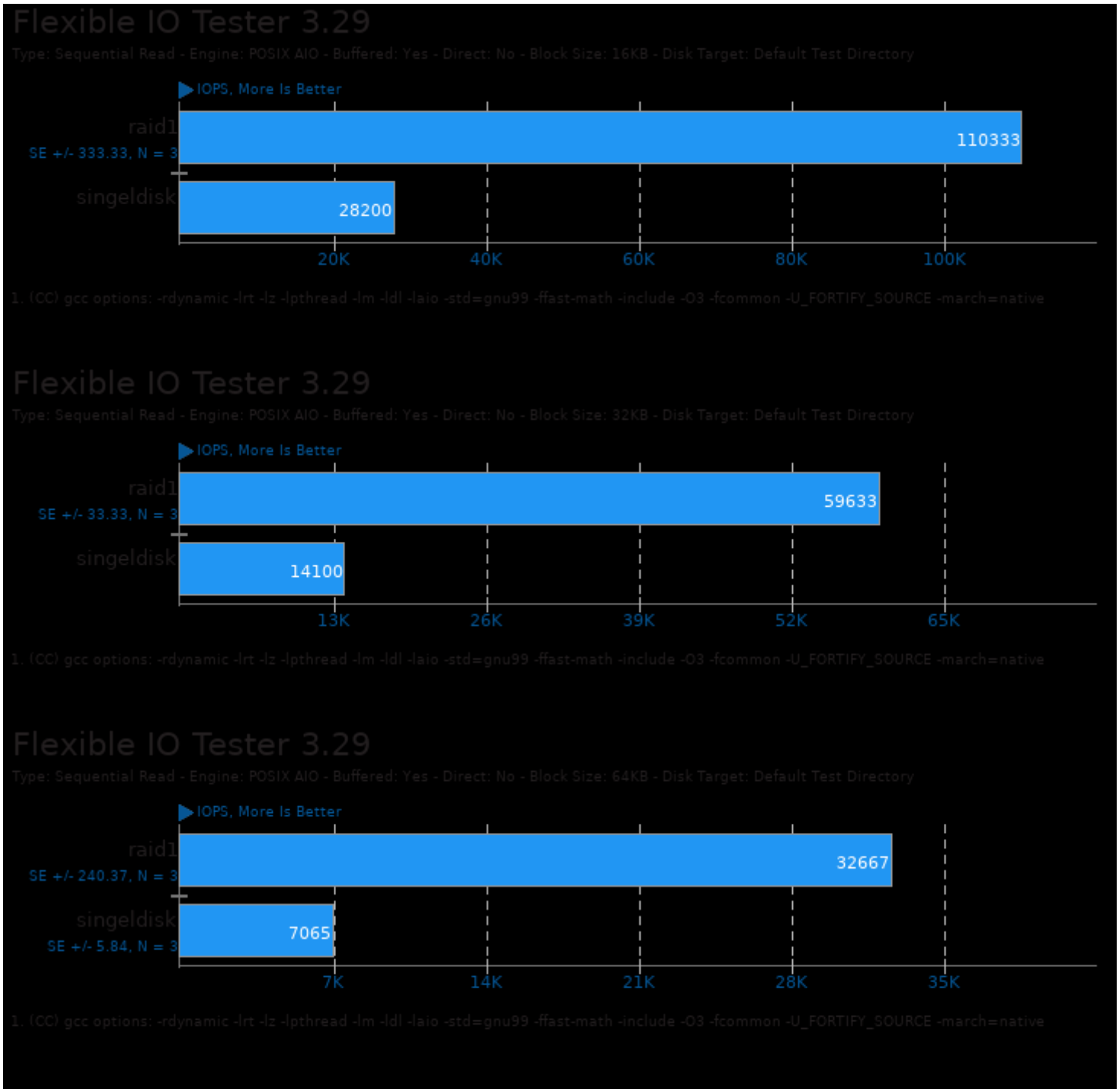
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.00, N = 3
448
singeldisk
111
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1527.53, N = 3
260000
singeldisk
56300
60K
120K
180K
240K
300K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
226
singeldisk
57
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

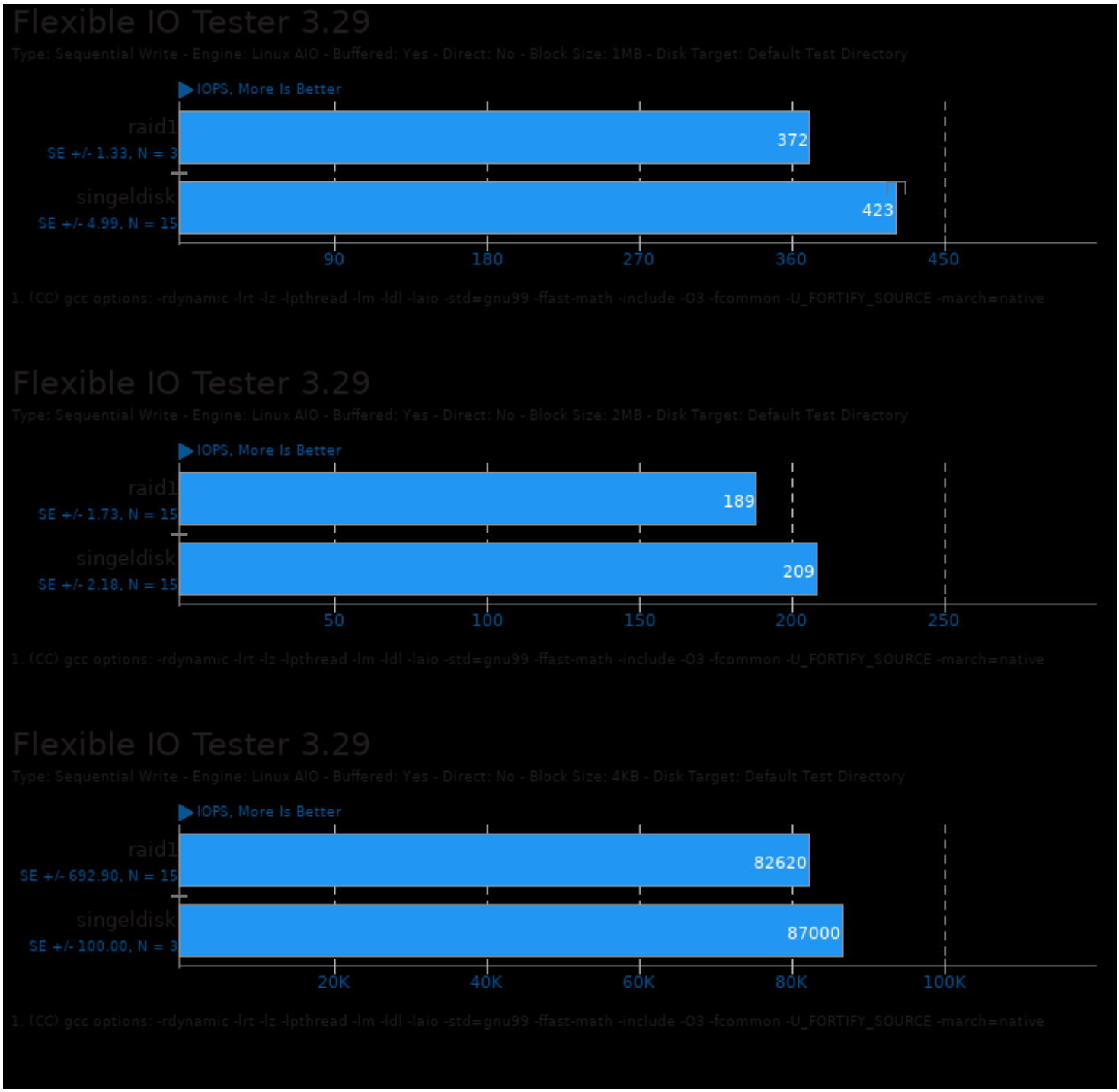
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1201.85, N = 3
139333
singeldisk
28200
30K
60K
90K
120K
150K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 300.00, N = 3
80400
singeldisk
14100
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 384.42, N = 3
40433
singeldisk
SE +/- 5.00, N = 3
7046
9K
18K
27K
36K
45K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

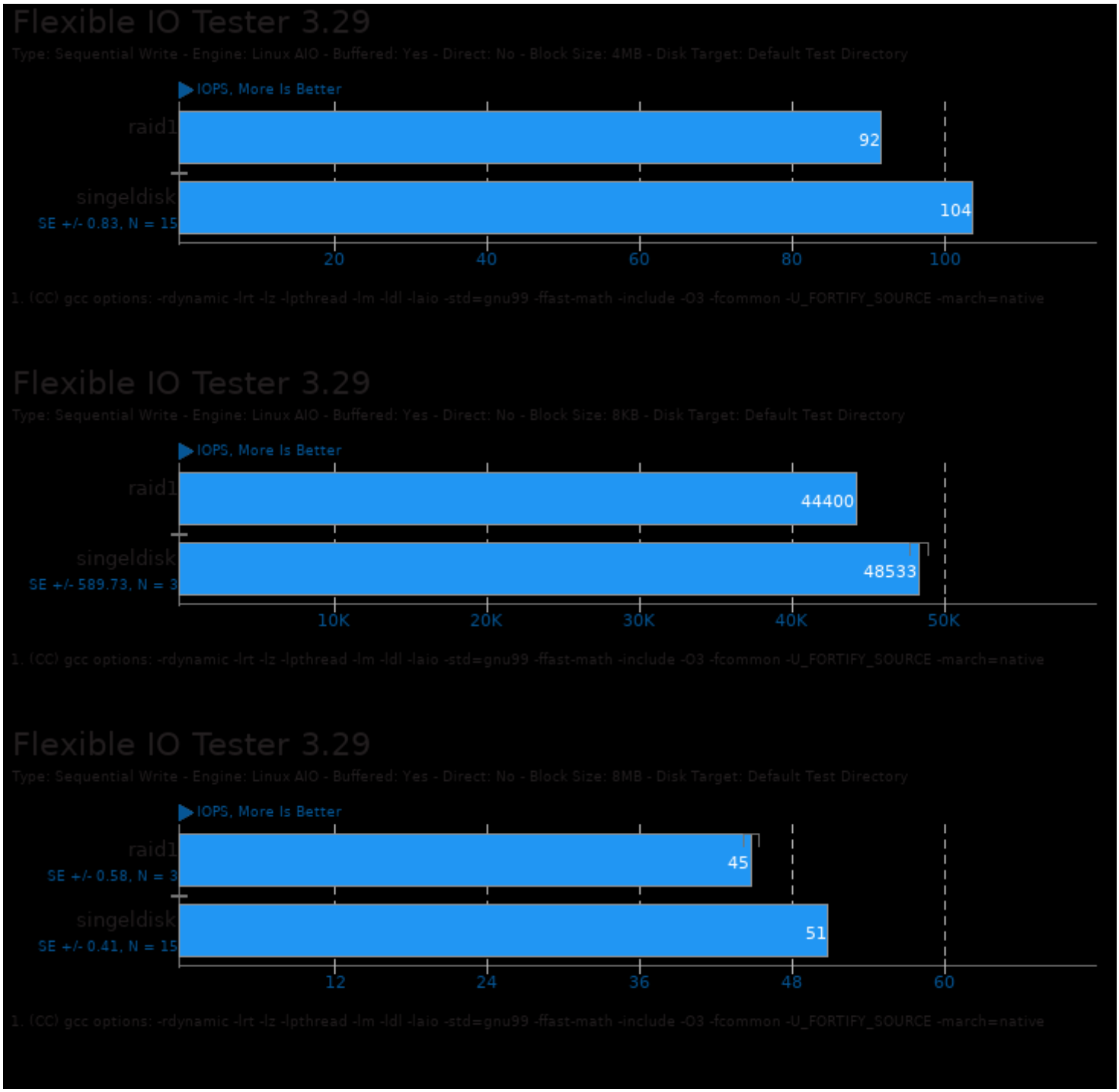
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 333.33, N = 3
110333
singeldisk
28200
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 33.33, N = 3
59633
singeldisk
14100
13K
26K
39K
52K
65K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 240.37, N = 3
32667
singeldisk
SE +/- 5.84, N = 3
7065
7K
14K
21K
28K
35K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

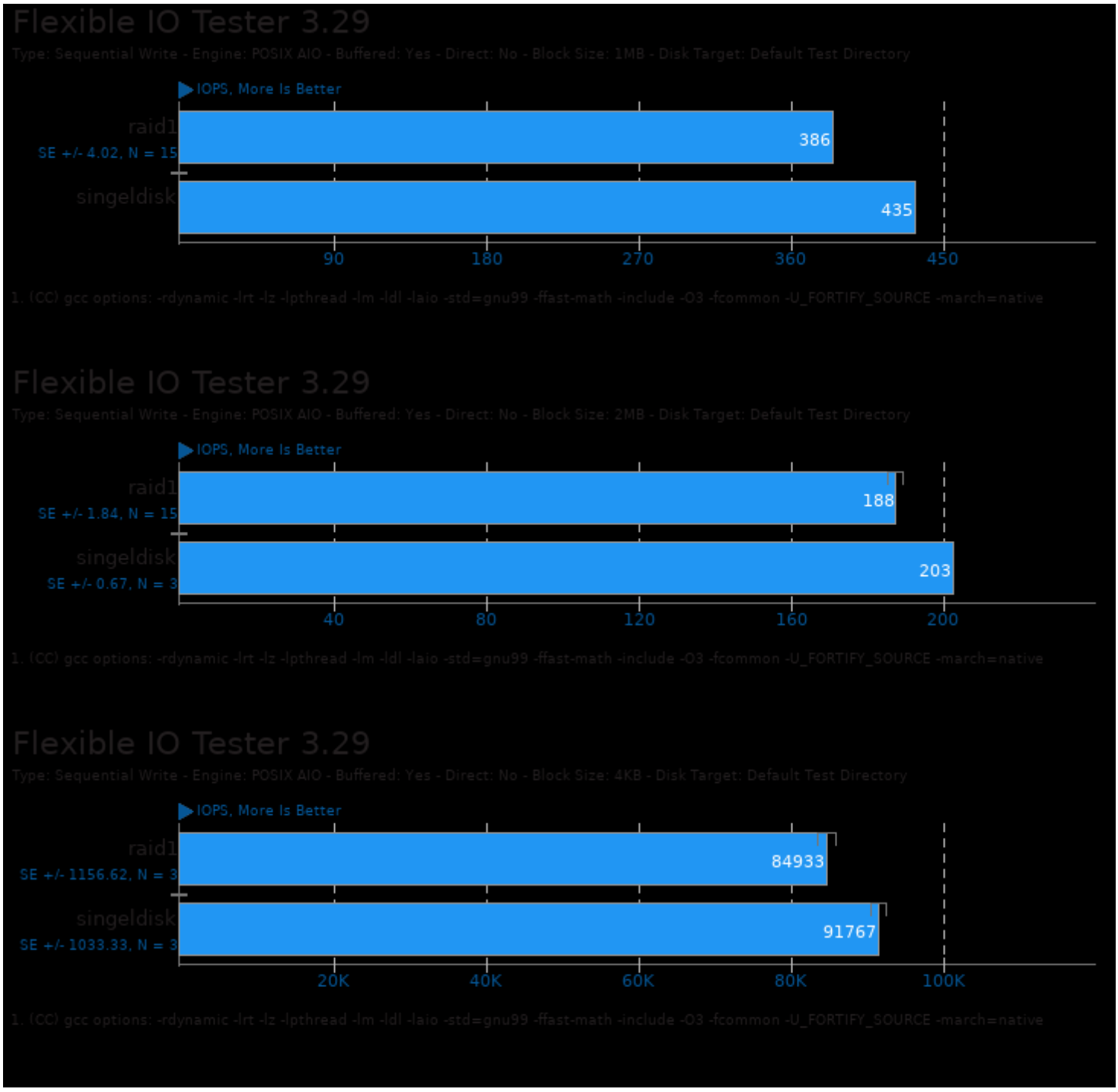
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.33, N = 3
372
singeldisk
SE +/- 4.99, N = 15
423
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.73, N = 15
189
singeldisk
SE +/- 2.18, N = 15
209
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 692.90, N = 15
82620
singeldisk
SE +/- 100.00, N = 3
87000
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

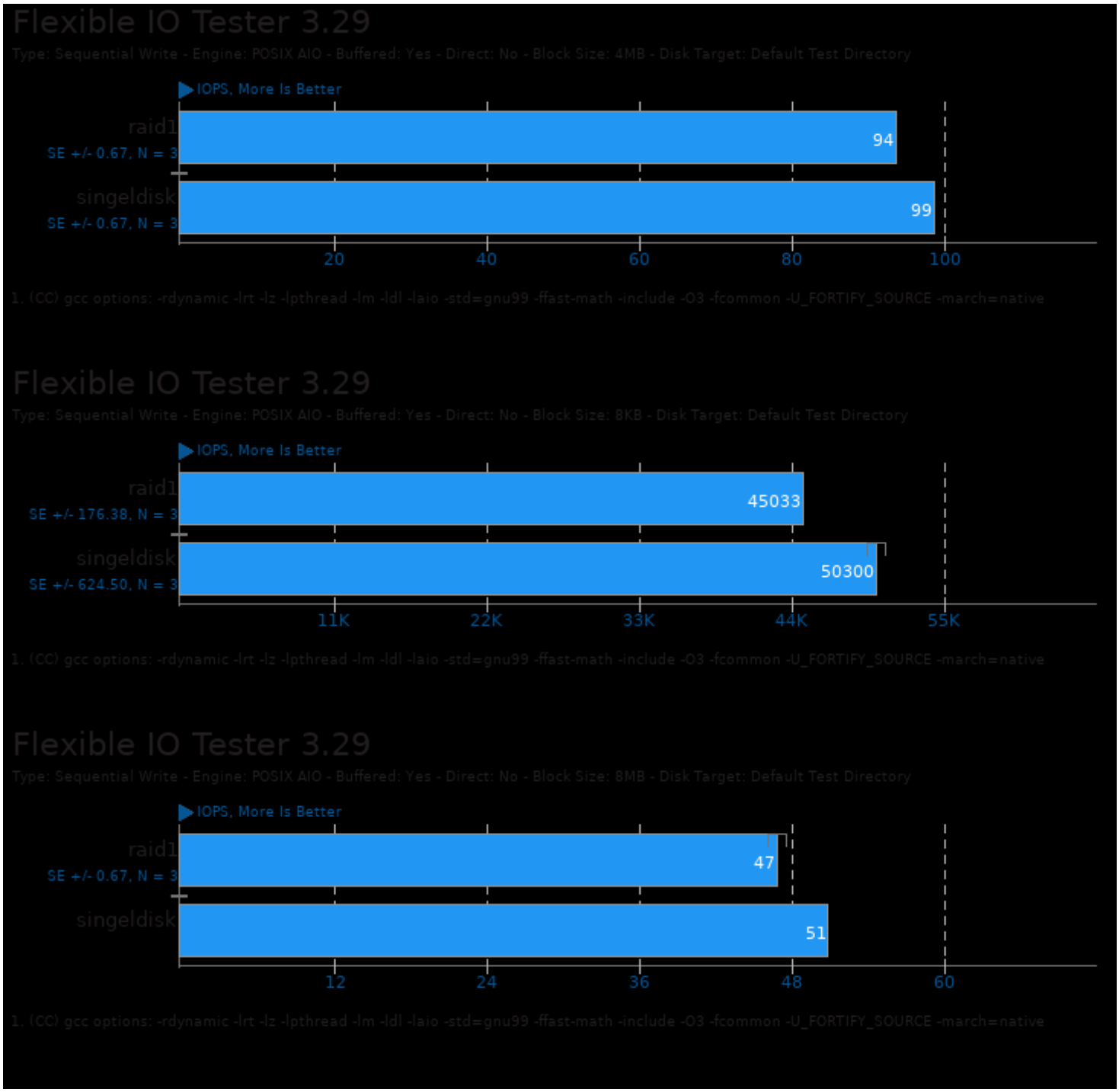
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
92
singeldisk
104
SE +/- 0.83, N = 15
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
44400
singeldisk
48533
SE +/- 589.73, N = 3
10K
20K
30K
40K
50K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.58, N = 3
45
singeldisk
SE +/- 0.41, N = 15
51
12
24
36
48
60
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

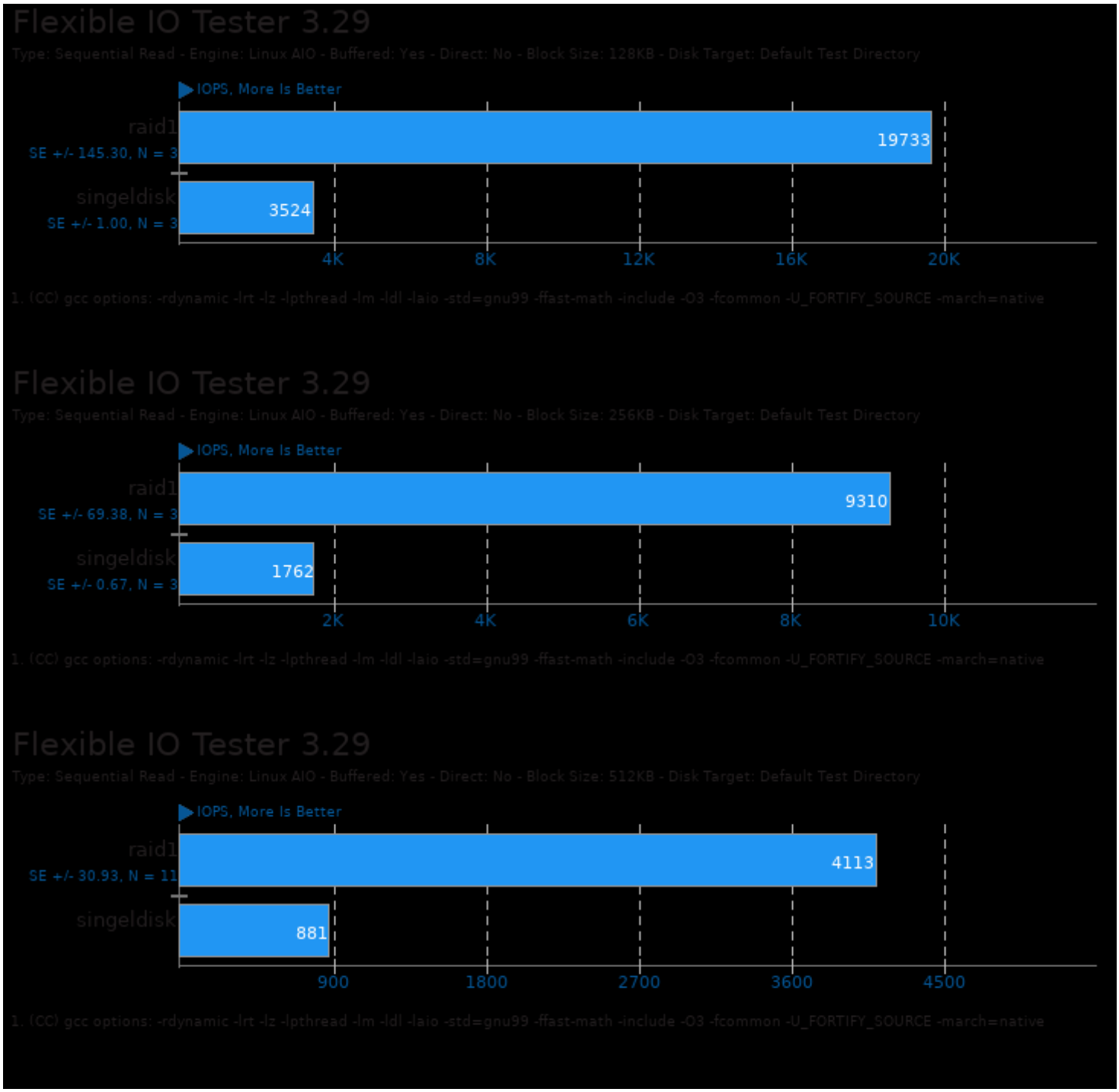
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 4.02, N = 15
386
singeldisk
435
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1.84, N = 15
188
singeldisk
SE +/- 0.67, N = 3
203
40
80
120
160
200
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 1156.62, N = 3
84933
singeldisk
SE +/- 1033.33, N = 3
91767
20K
40K
60K
80K
100K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

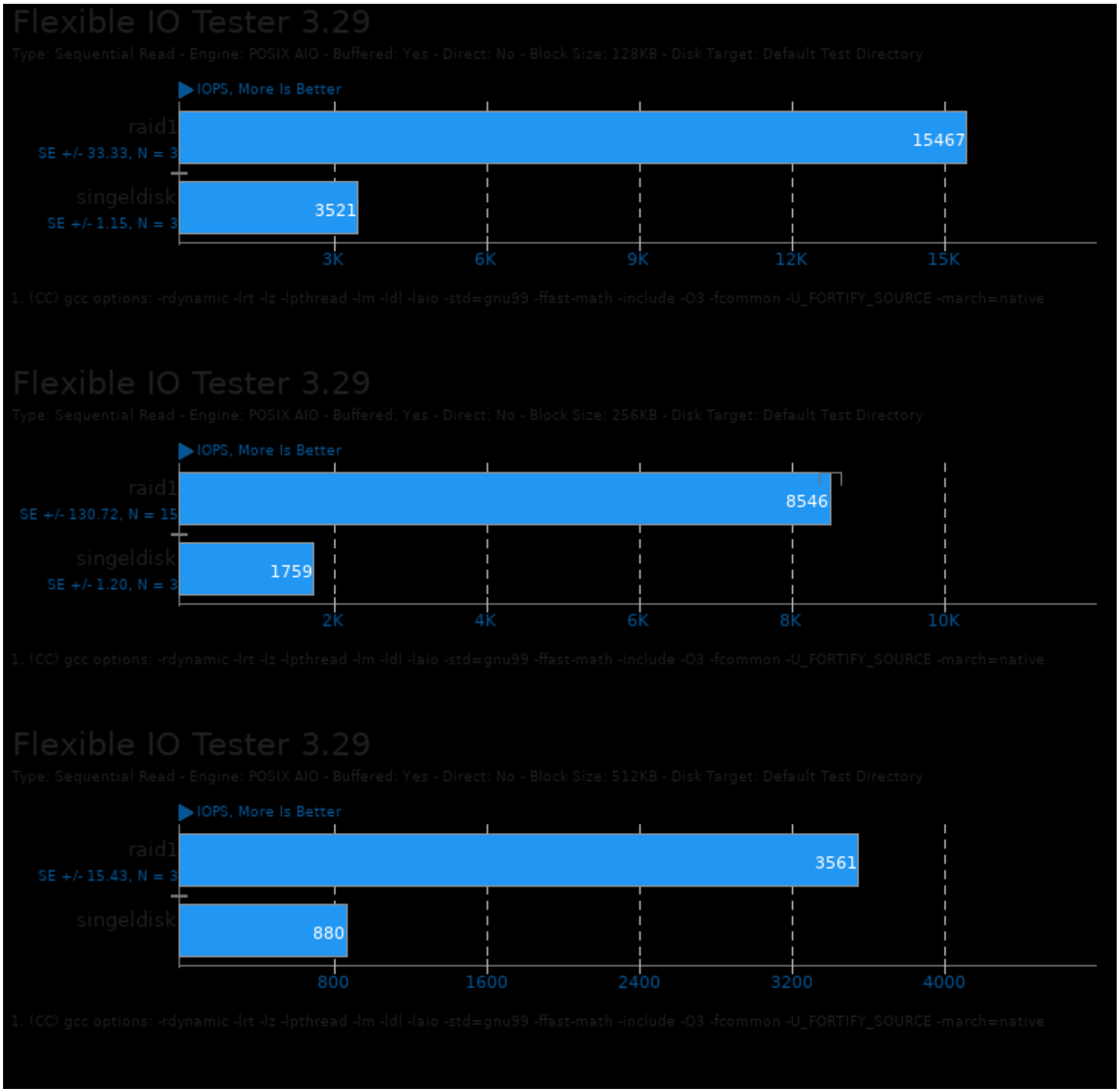
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.67, N = 3
94
singeldisk
SE +/- 0.67, N = 3
99
20
40
60
80
100
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 176.38, N = 3
45033
singeldisk
SE +/- 624.50, N = 3
50300
11K
22K
33K
44K
55K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 0.67, N = 3
47
singeldisk
51
12
24
36
48
60
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

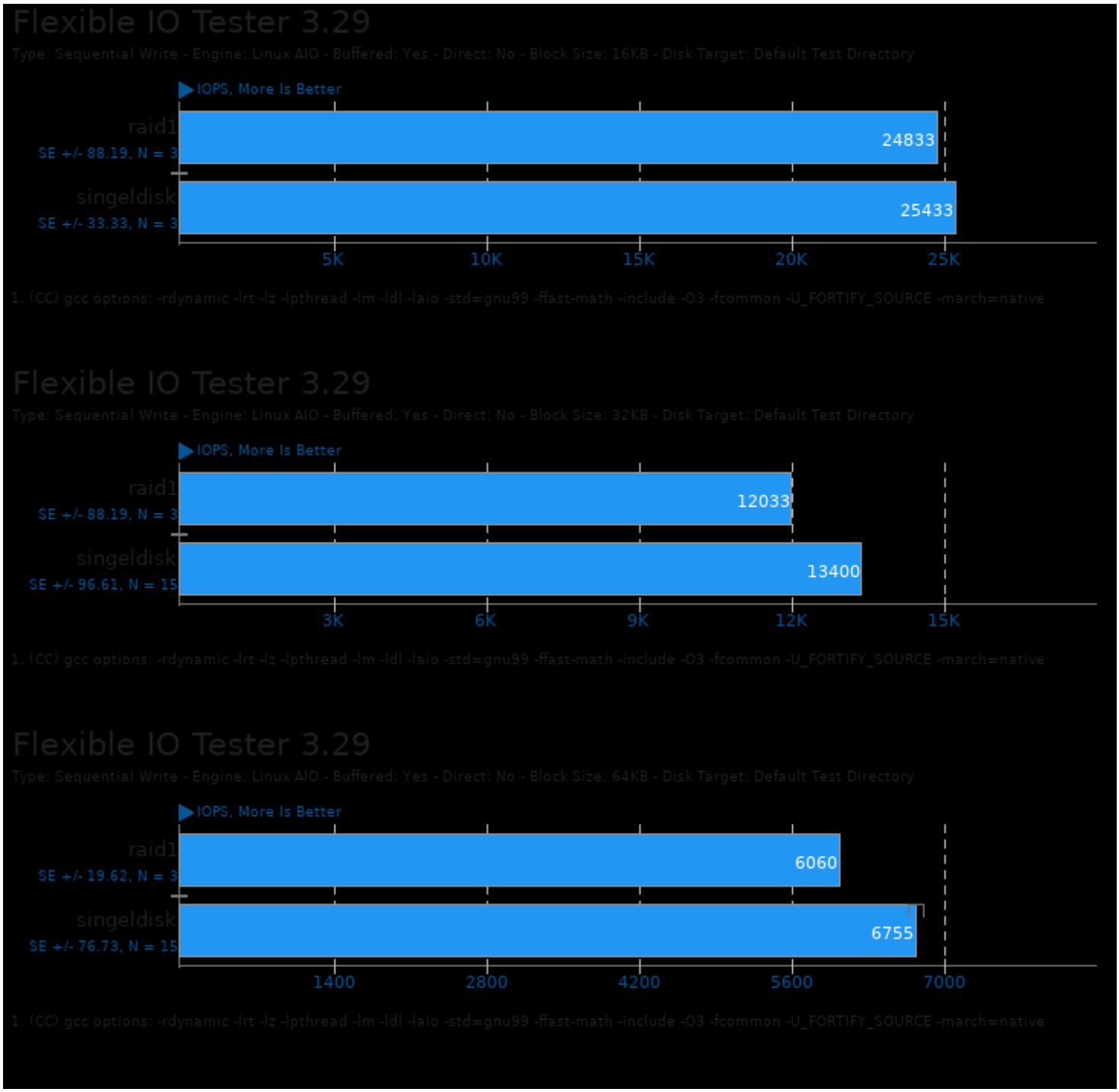
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 145.30, N = 3
19733
singeldisk
SE +/- 1.00, N = 3
3524
4K
8K
12K
16K
20K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 69.38, N = 3
9310
singeldisk
SE +/- 0.67, N = 3
1762
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 30.93, N = 11
4113
singeldisk
881
900
1800
2700
3600
4500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

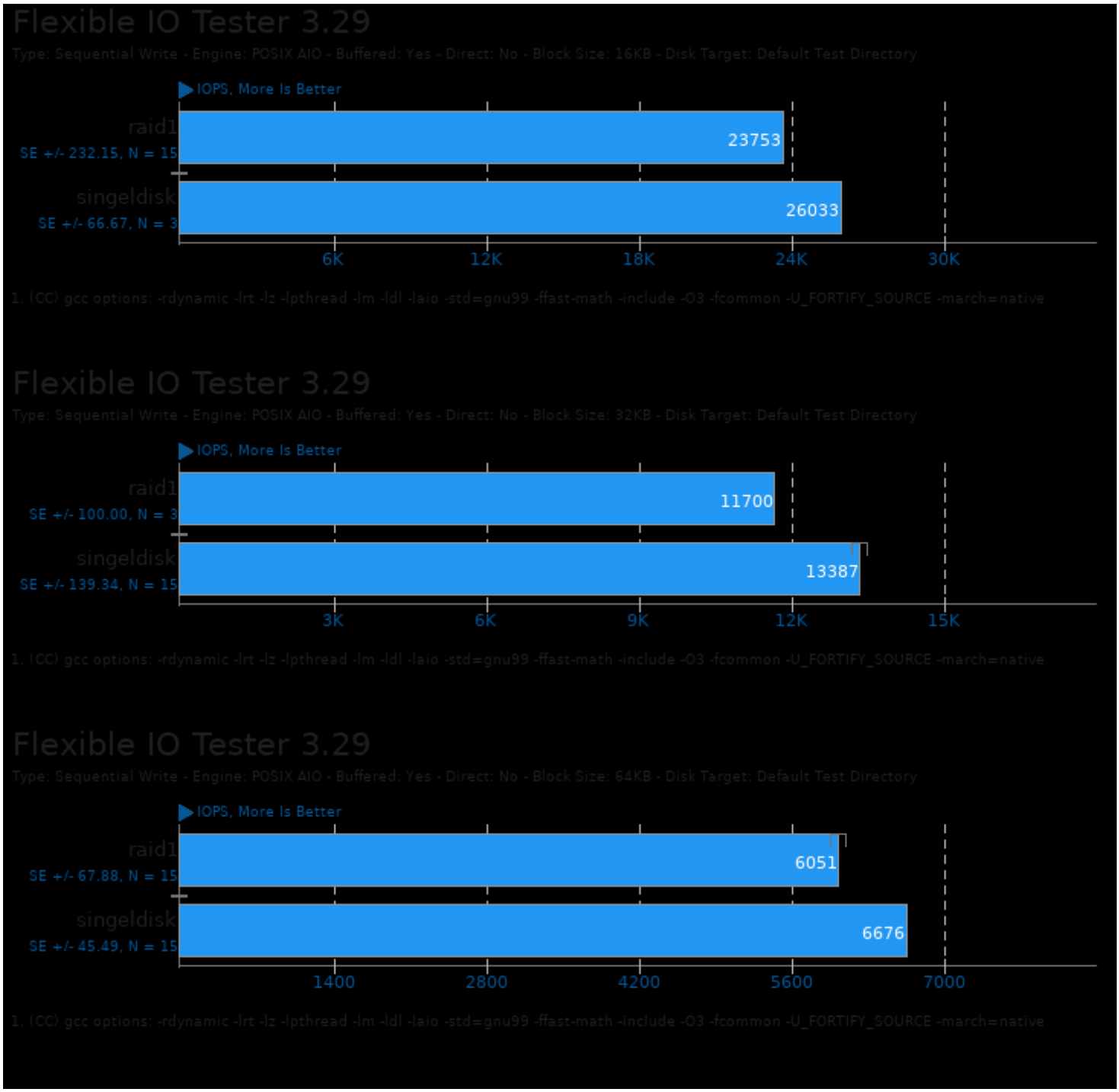
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 33.33, N = 3
15467
singeldisk
SE +/- 1.15, N = 3
3521
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 130.72, N = 15
8546
singeldisk
SE +/- 1.20, N = 3
1759
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 15.43, N = 3
3561
singeldisk
880
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

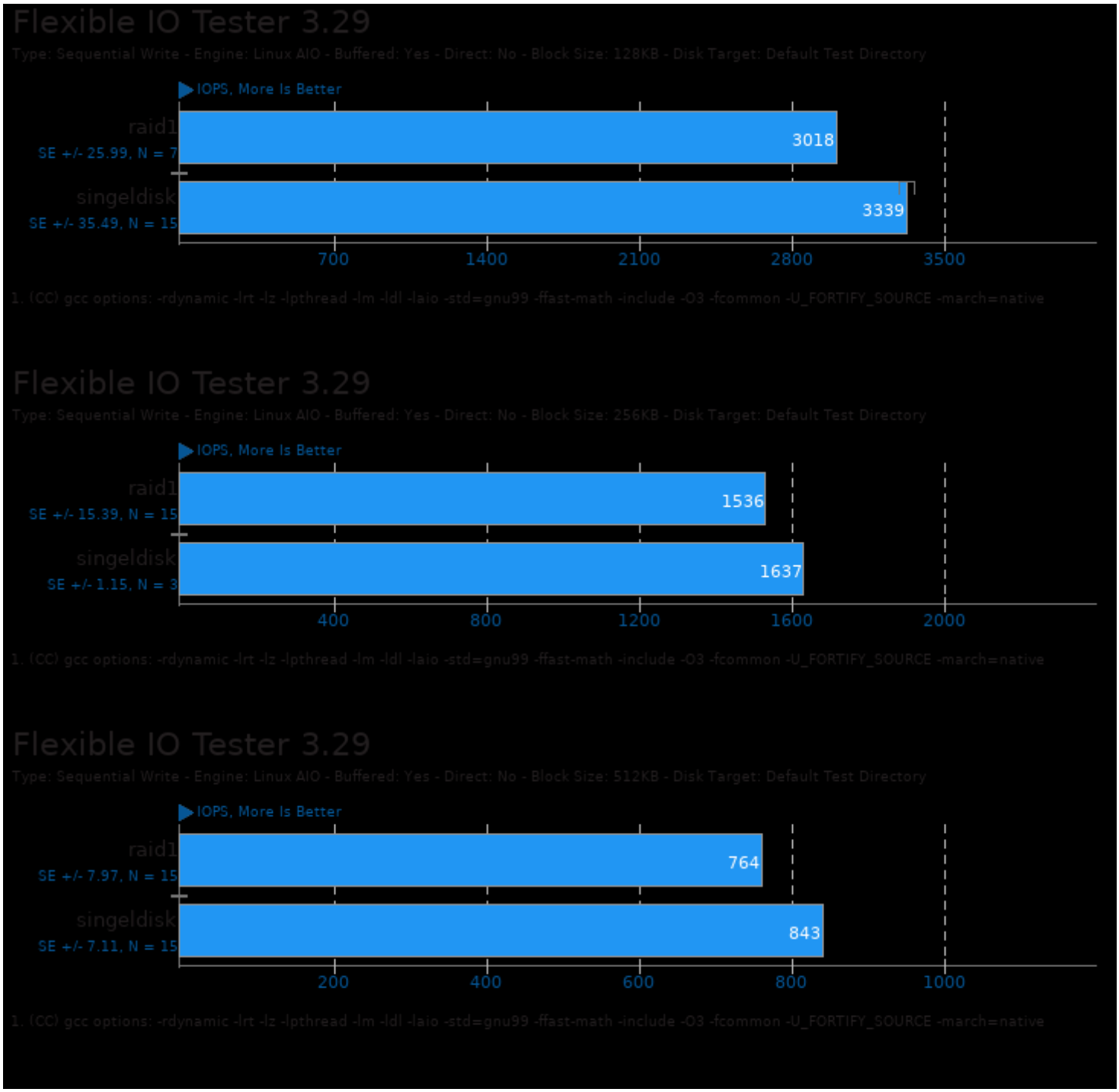
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 88.19, N = 3
24833
singeldisk
SE +/- 33.33, N = 3
25433
5K
10K
15K
20K
25K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 88.19, N = 3
12033
singeldisk
SE +/- 96.61, N = 15
13400
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 19.62, N = 3
6060
singeldisk
SE +/- 76.73, N = 15
6755
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

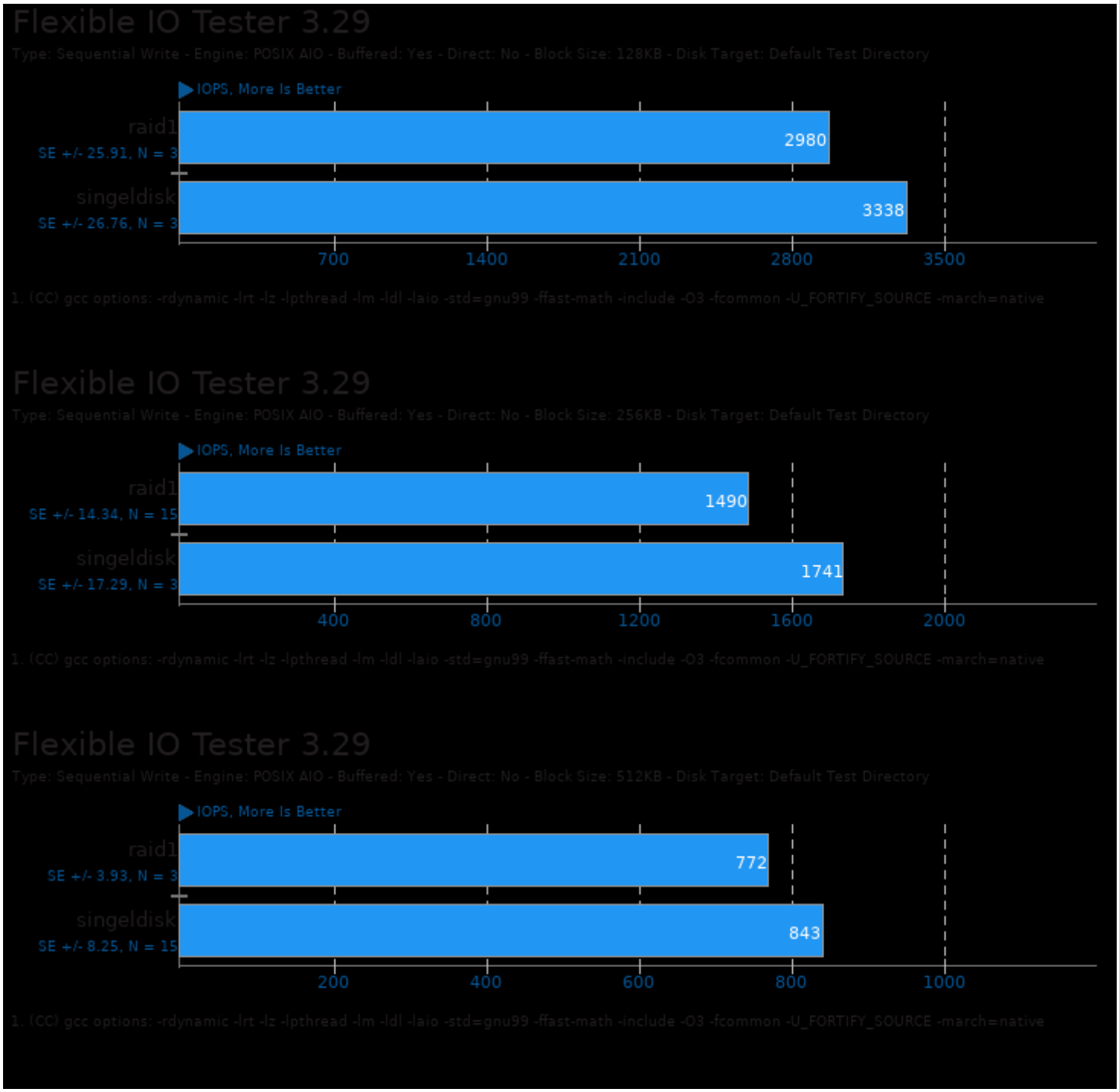
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 232.15, N = 15
23753
singeldisk
SE +/- 66.67, N = 3
26033
6K
12K
18K
24K
30K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 100.00, N = 3
11700
singeldisk
SE +/- 139.34, N = 15
13387
3K
6K
9K
12K
15K
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 67.88, N = 15
6051
singeldisk
SE +/- 45.49, N = 15
6676
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

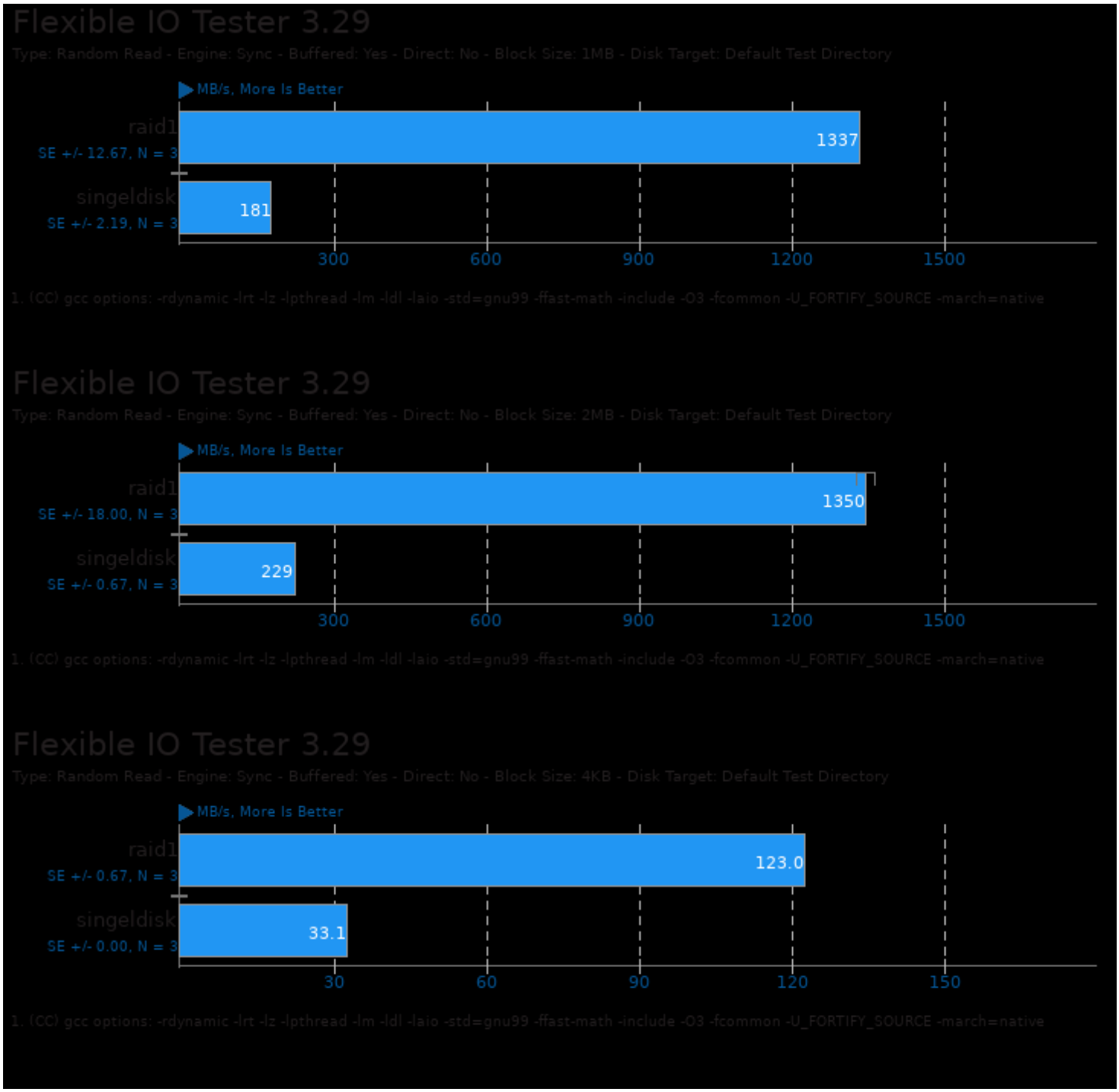
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 25.99, N = 7
3018
singeldisk
SE +/- 35.49, N = 15
3339
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 15.39, N = 15
1536
singeldisk
SE +/- 1.15, N = 3
1637
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 7.97, N = 15
764
singeldisk
SE +/- 7.11, N = 15
843
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

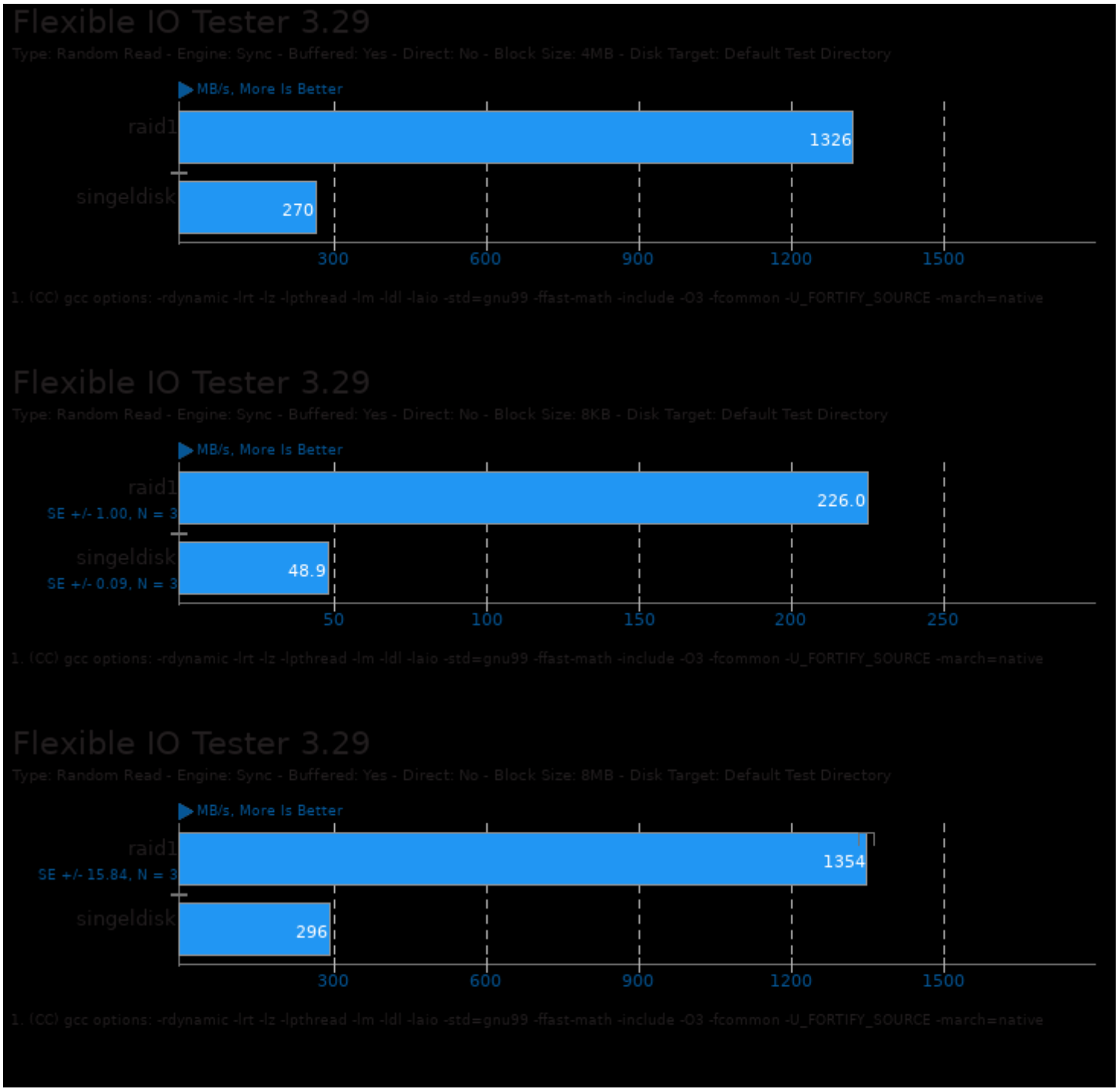
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 25.91, N = 3
2980
singeldisk
SE +/- 26.76, N = 3
3338
700
1400
2100
2800
3500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 14.34, N = 15
1490
singeldisk
SE +/- 17.29, N = 3
1741
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
IOPS, More Is Better
raid1
SE +/- 3.93, N = 3
772
singeldisk
SE +/- 8.25, N = 15
843
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

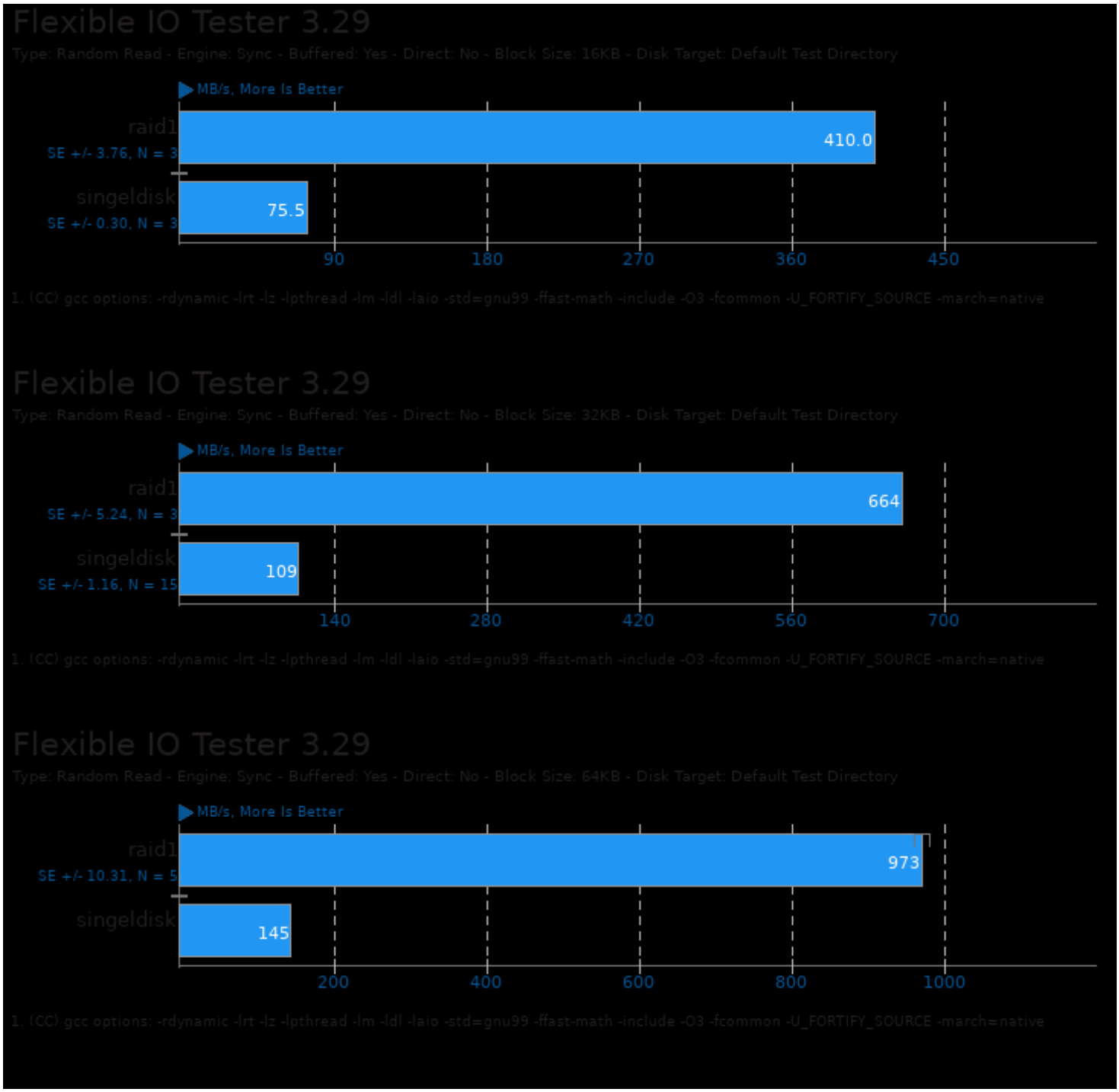
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 12.67, N = 3
1337
singeldisk
SE +/- 2.19, N = 3
181
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 18.00, N = 3
1350
singeldisk
SE +/- 0.67, N = 3
229
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.67, N = 3
123.0
singeldisk
SE +/- 0.00, N = 3
33.1
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

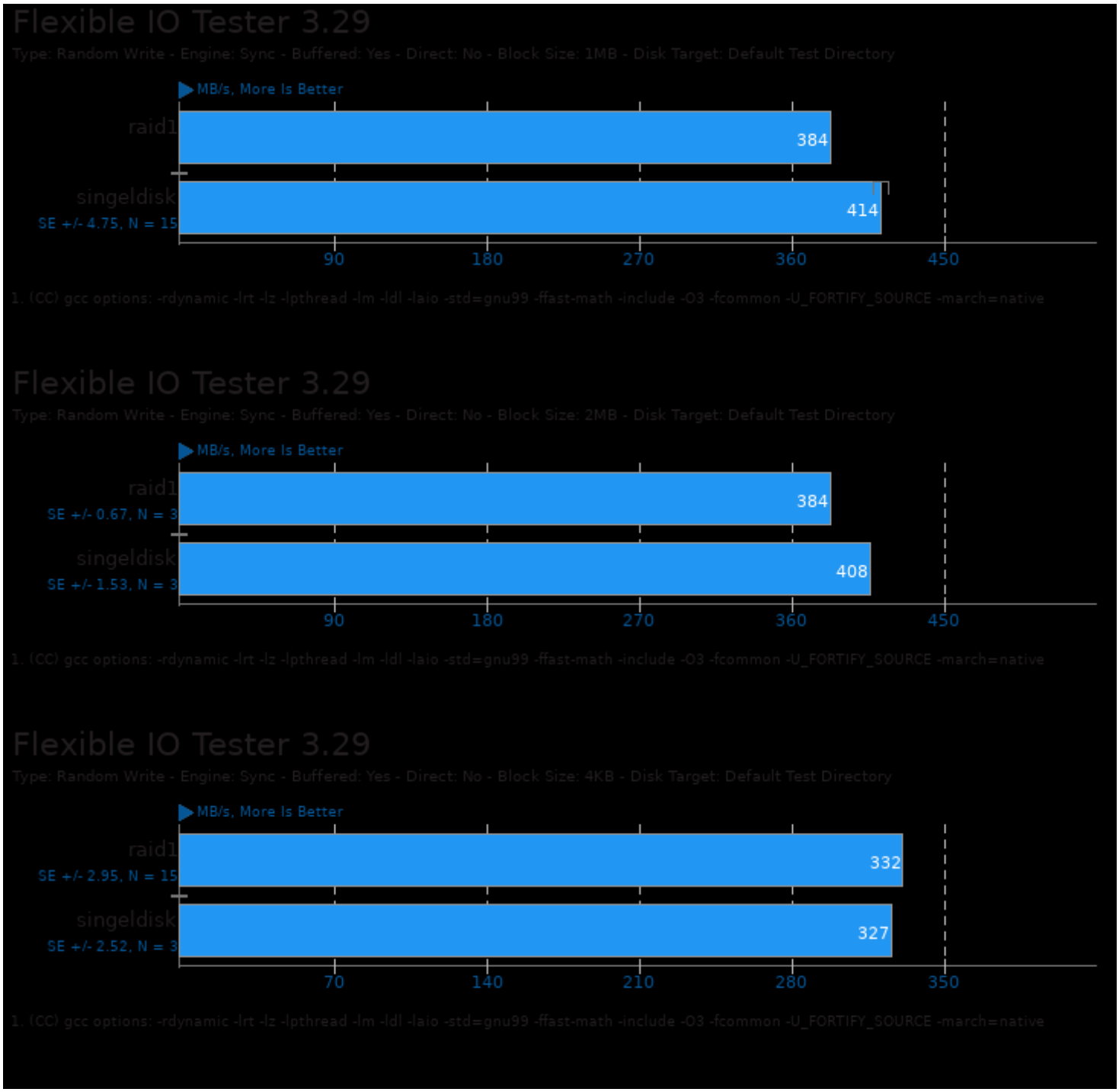
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
1326
singeldisk
270
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.00, N = 3
226.0
singeldisk
SE +/- 0.09, N = 3
48.9
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 15.84, N = 3
1354
singeldisk
296
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

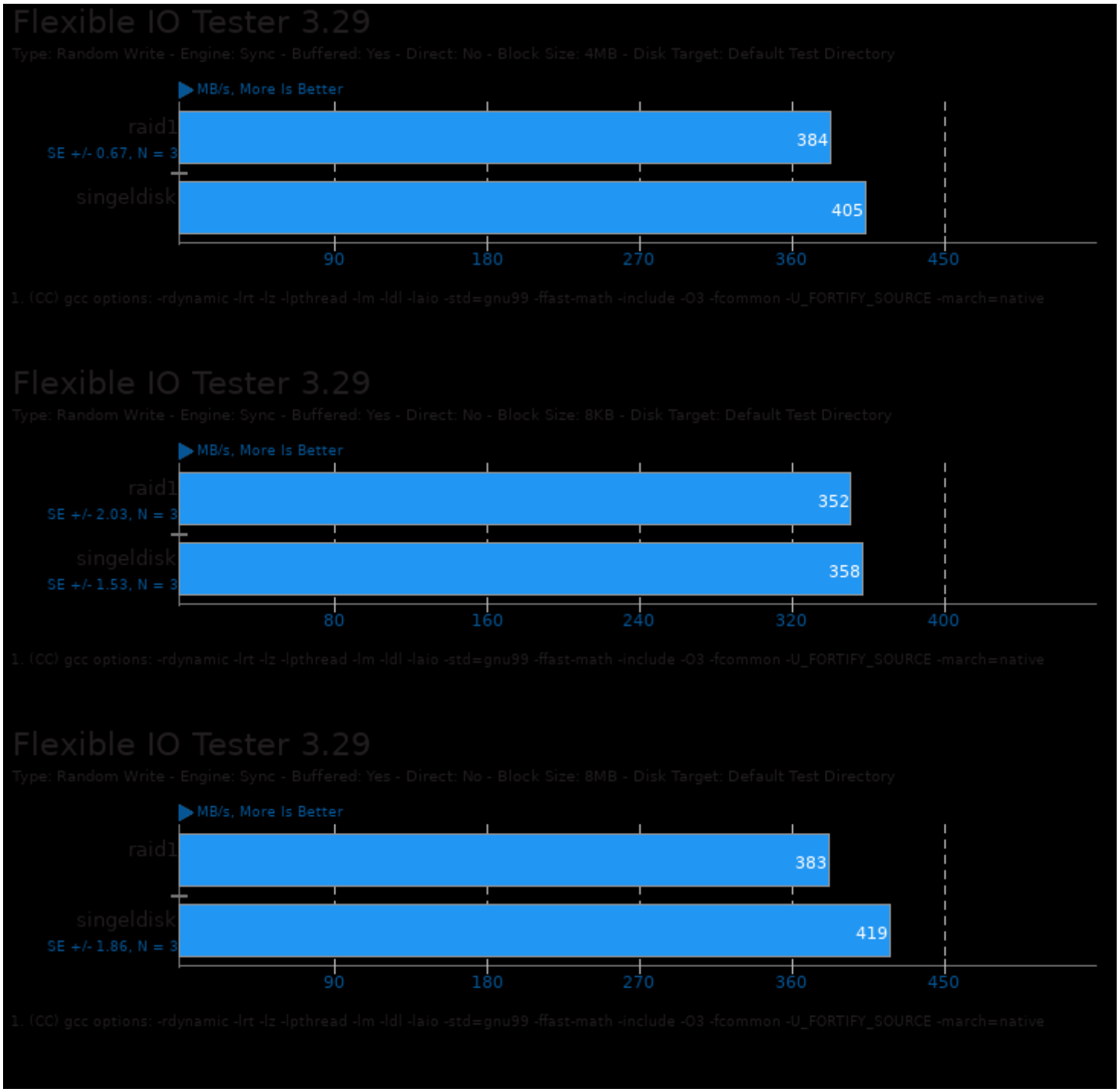
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.76, N = 3
410.0
singeldisk
SE +/- 0.30, N = 3
75.5
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 5.24, N = 3
664
singeldisk
SE +/- 1.16, N = 15
109
140
280
420
560
700
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 10.31, N = 5
973
singeldisk
145
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

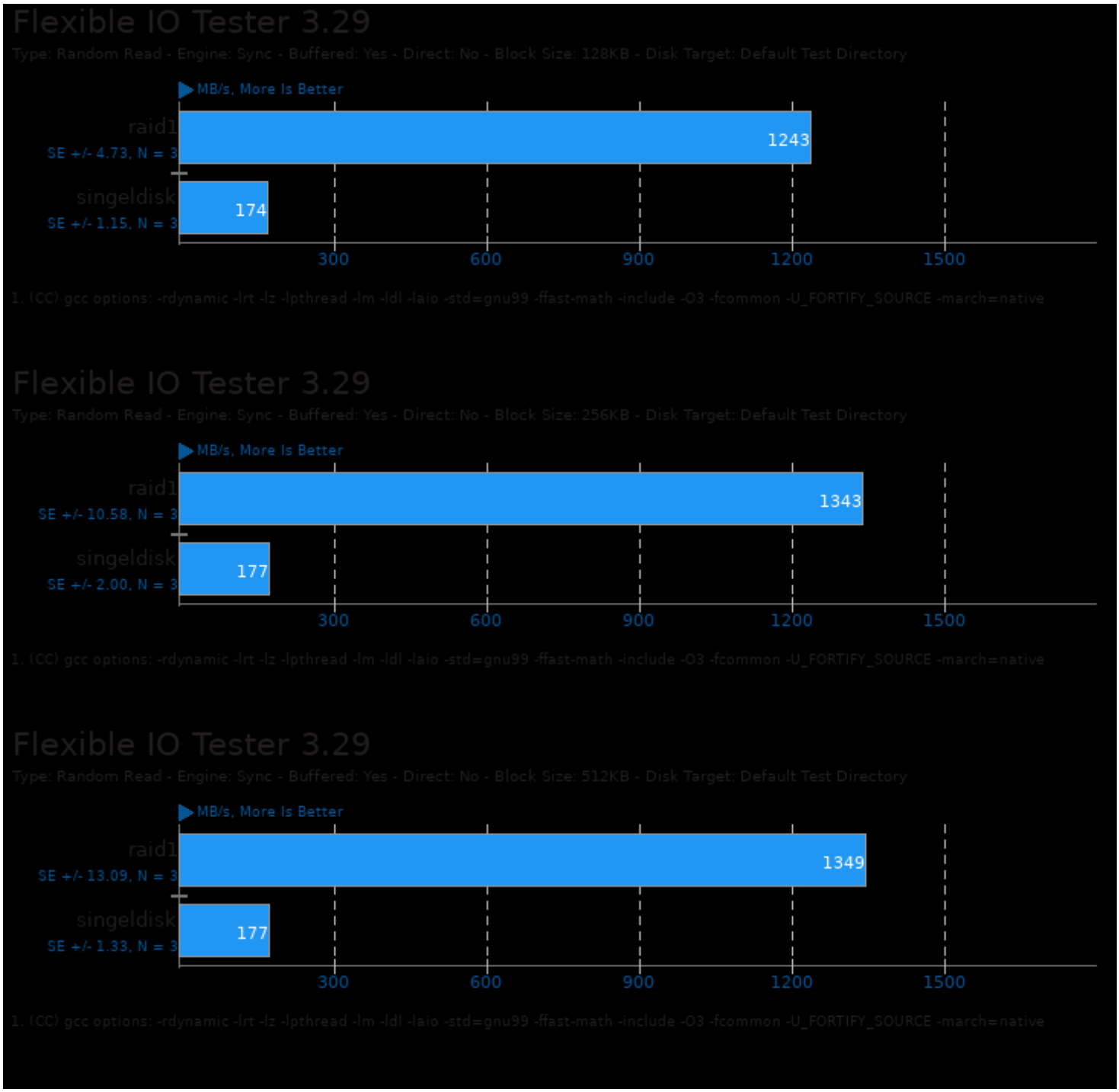
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
384
singeldisk
SE +/- 4.75, N = 15
414
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.67, N = 3
384
singeldisk
SE +/- 1.53, N = 3
408
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.95, N = 15
332
singeldisk
SE +/- 2.52, N = 3
327
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

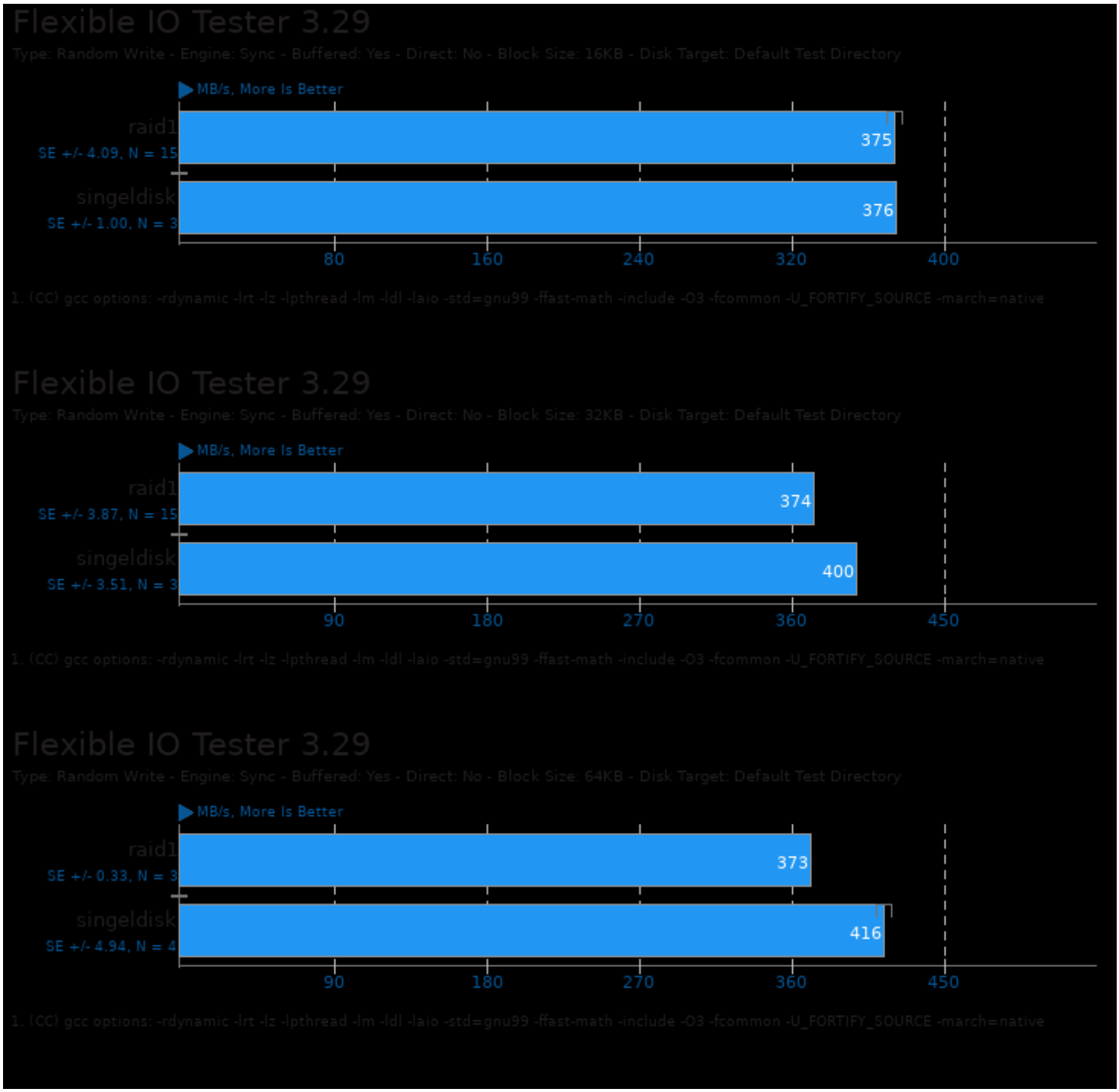
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.67, N = 3
384
singeldisk
405
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.03, N = 3
352
singeldisk
SE +/- 1.53, N = 3
358
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
383
singeldisk
SE +/- 1.86, N = 3
419
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

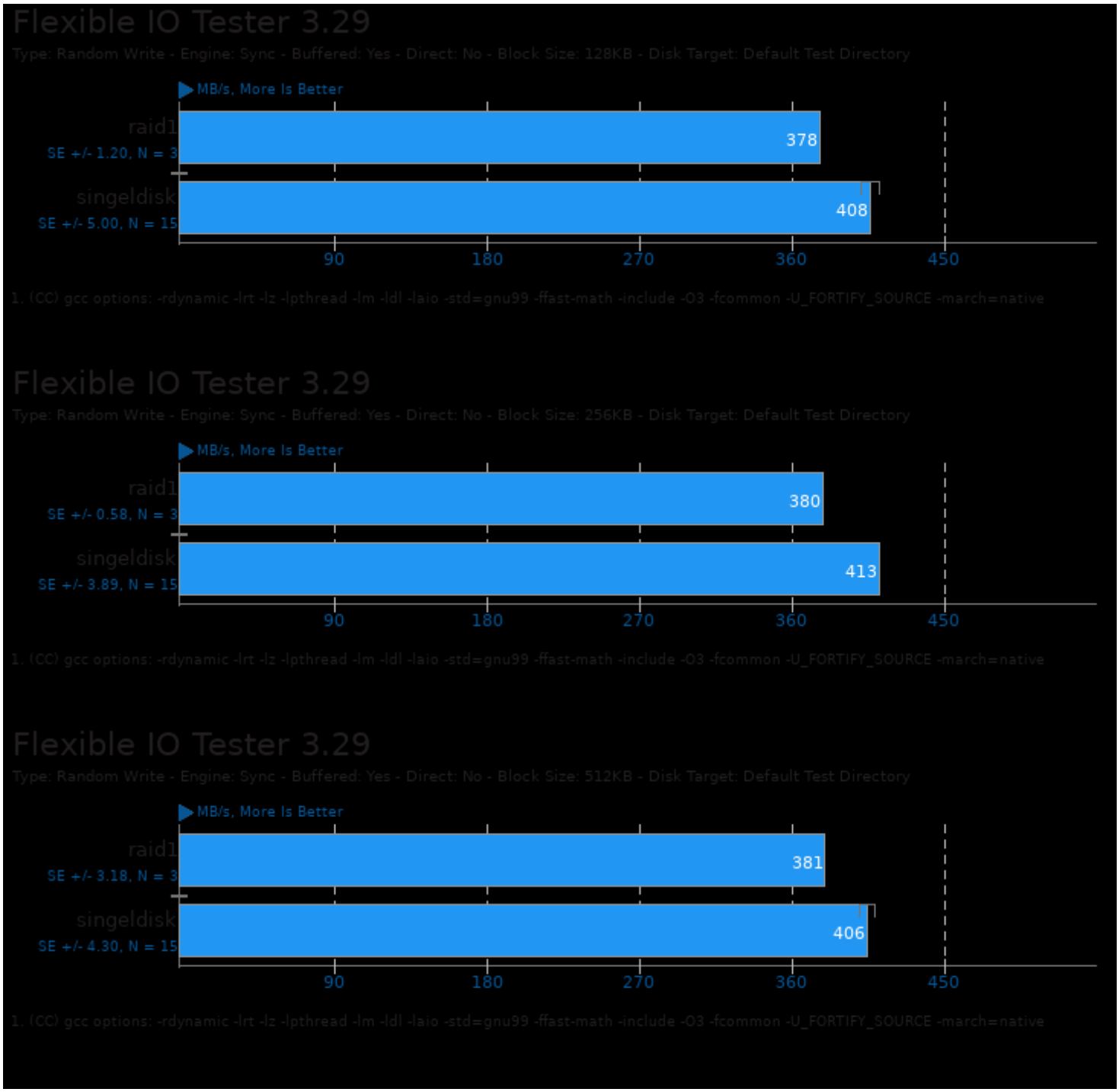
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.73, N = 3
1243
singeldisk
SE +/- 1.15, N = 3
174
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 10.58, N = 3
1343
singeldisk
SE +/- 2.00, N = 3
177
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 13.09, N = 3
1349
singeldisk
SE +/- 1.33, N = 3
177
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

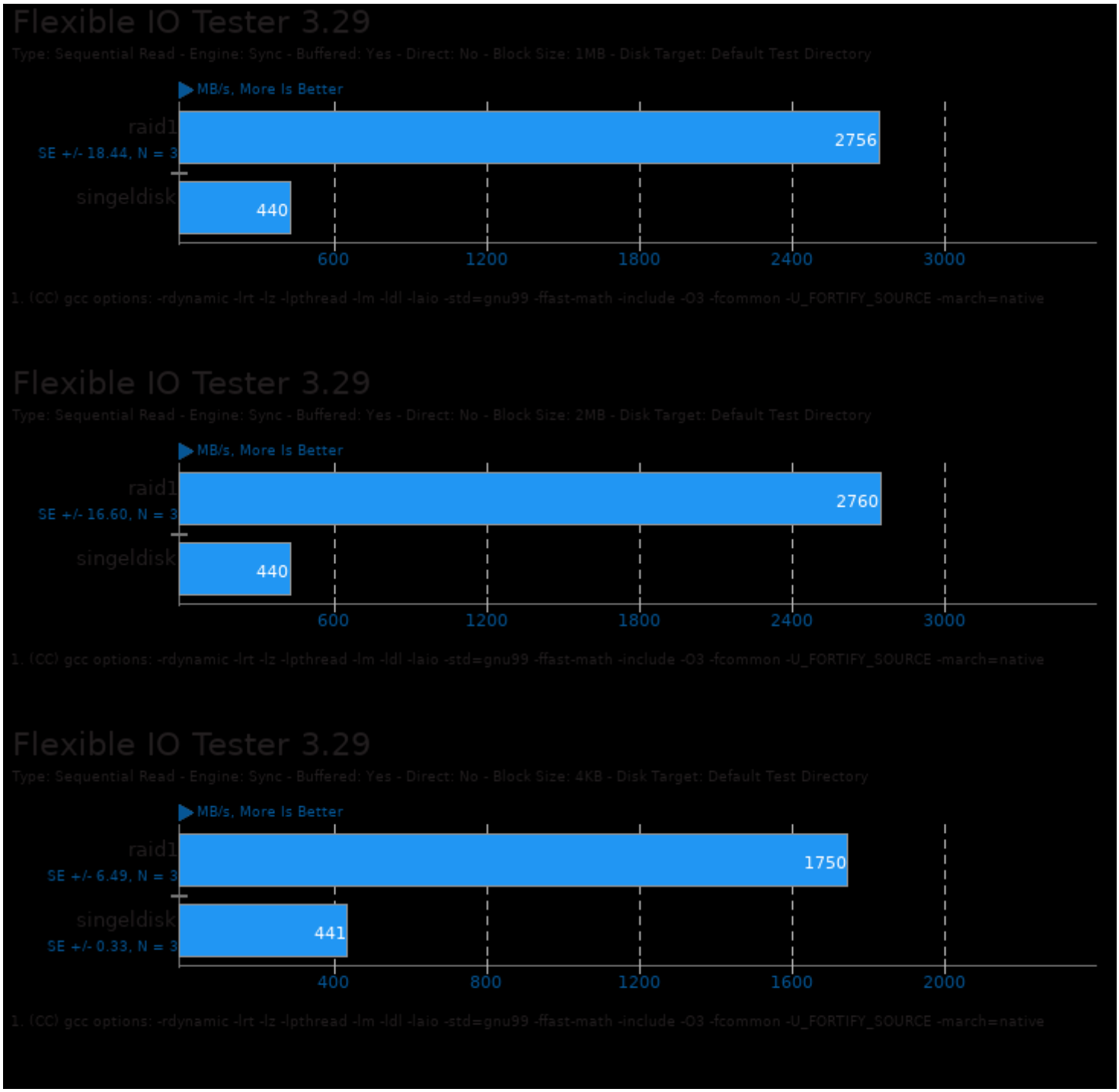
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.09, N = 15
375
singeldisk
SE +/- 1.00, N = 3
376
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.87, N = 15
374
singeldisk
SE +/- 3.51, N = 3
400
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.33, N = 3
373
singeldisk
SE +/- 4.94, N = 4
416
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

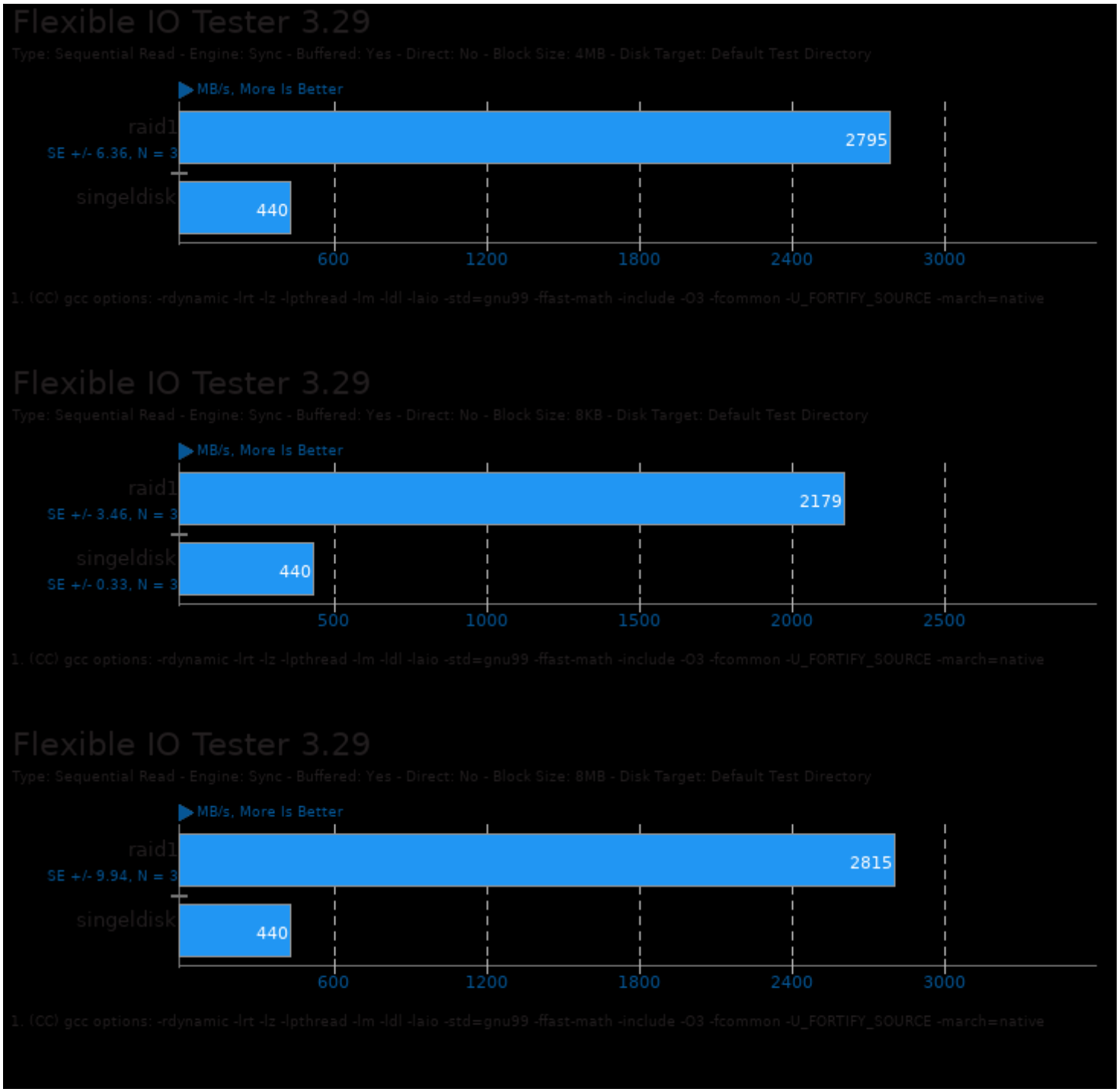
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.20, N = 3
378
singeldisk
SE +/- 5.00, N = 15
408
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.58, N = 3
380
singeldisk
SE +/- 3.89, N = 15
413
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.18, N = 3
381
singeldisk
SE +/- 4.30, N = 15
406
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

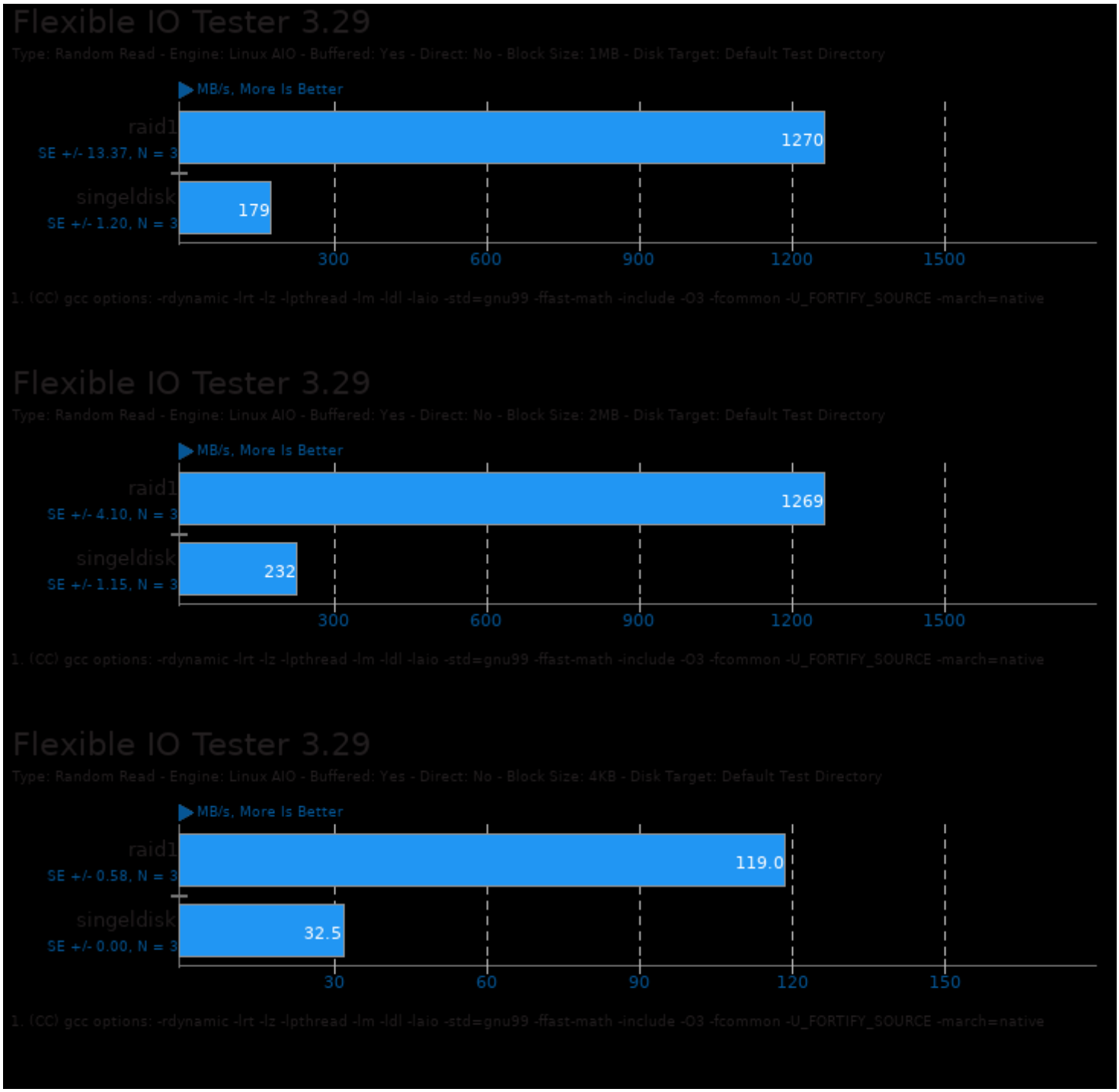
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 18.44, N = 3
2756
singeldisk
440
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 16.60, N = 3
2760
singeldisk
440
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.49, N = 3
1750
singeldisk
SE +/- 0.33, N = 3
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

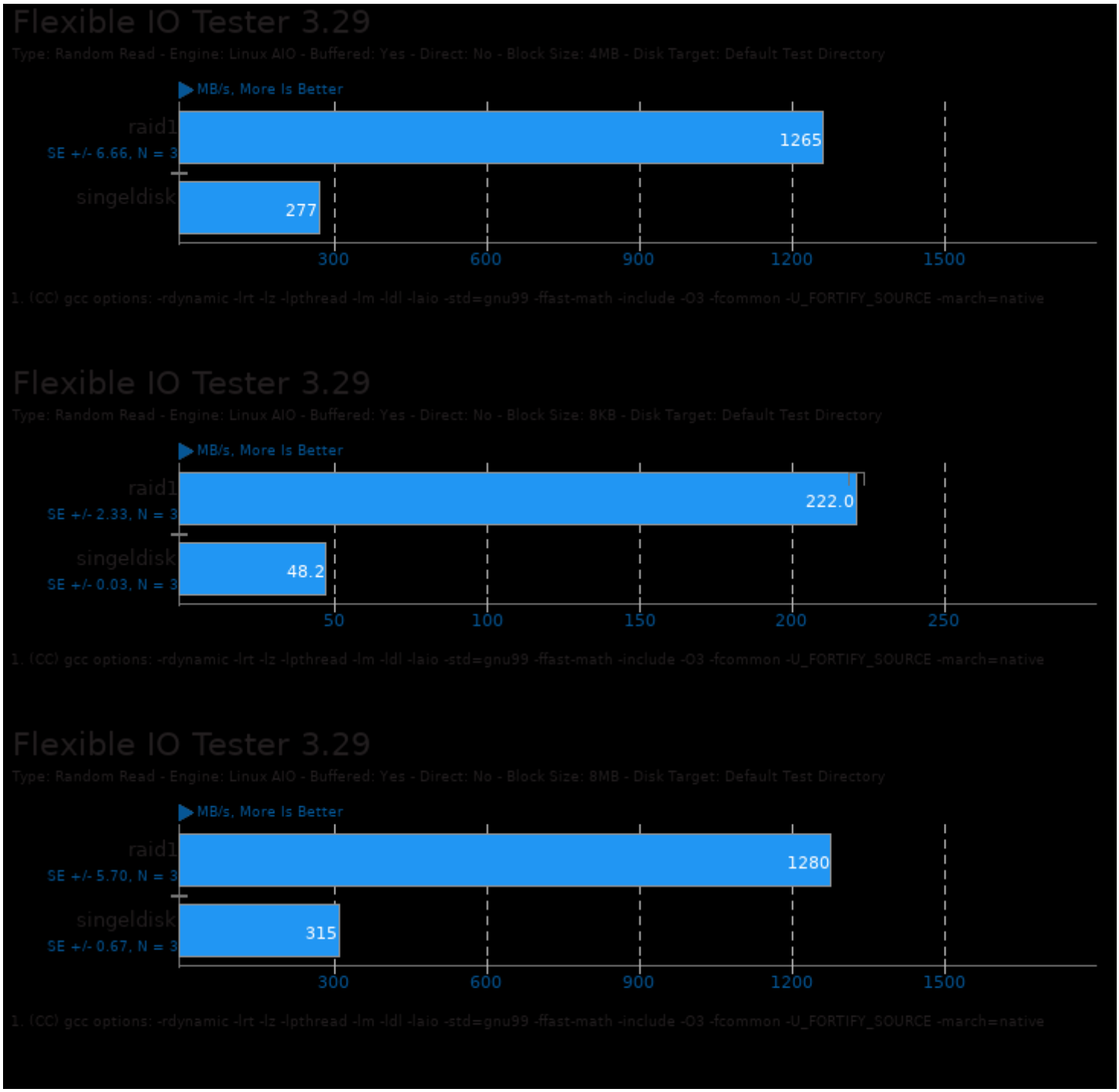
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.36, N = 3
2795
singeldisk
440
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.46, N = 3
2179
singeldisk
SE +/- 0.33, N = 3
440
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 9.94, N = 3
2815
singeldisk
440
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

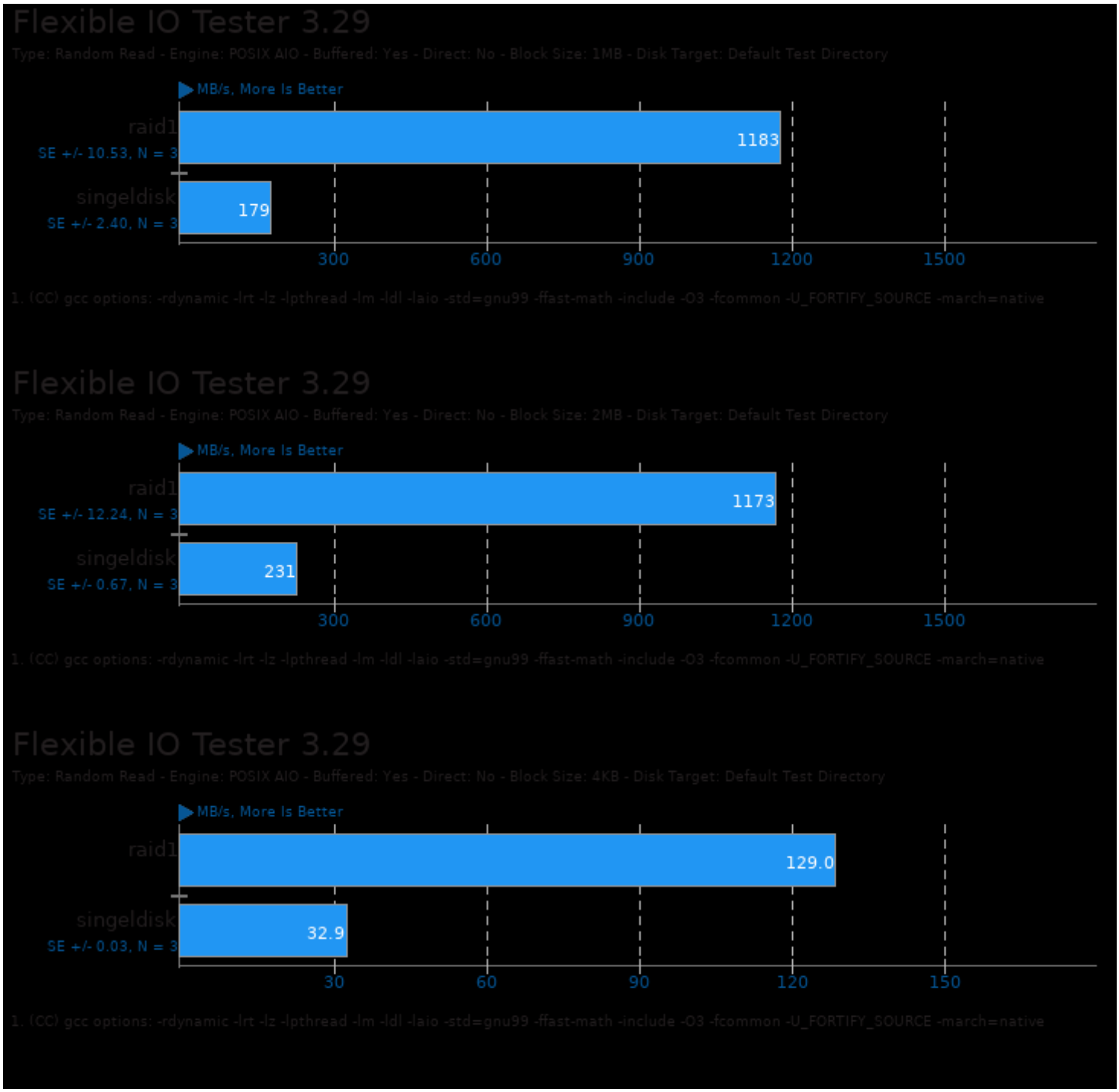
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 13.37, N = 3
1270
singeldisk
SE +/- 1.20, N = 3
179
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.10, N = 3
1269
singeldisk
SE +/- 1.15, N = 3
232
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.58, N = 3
119.0
singeldisk
SE +/- 0.00, N = 3
32.5
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

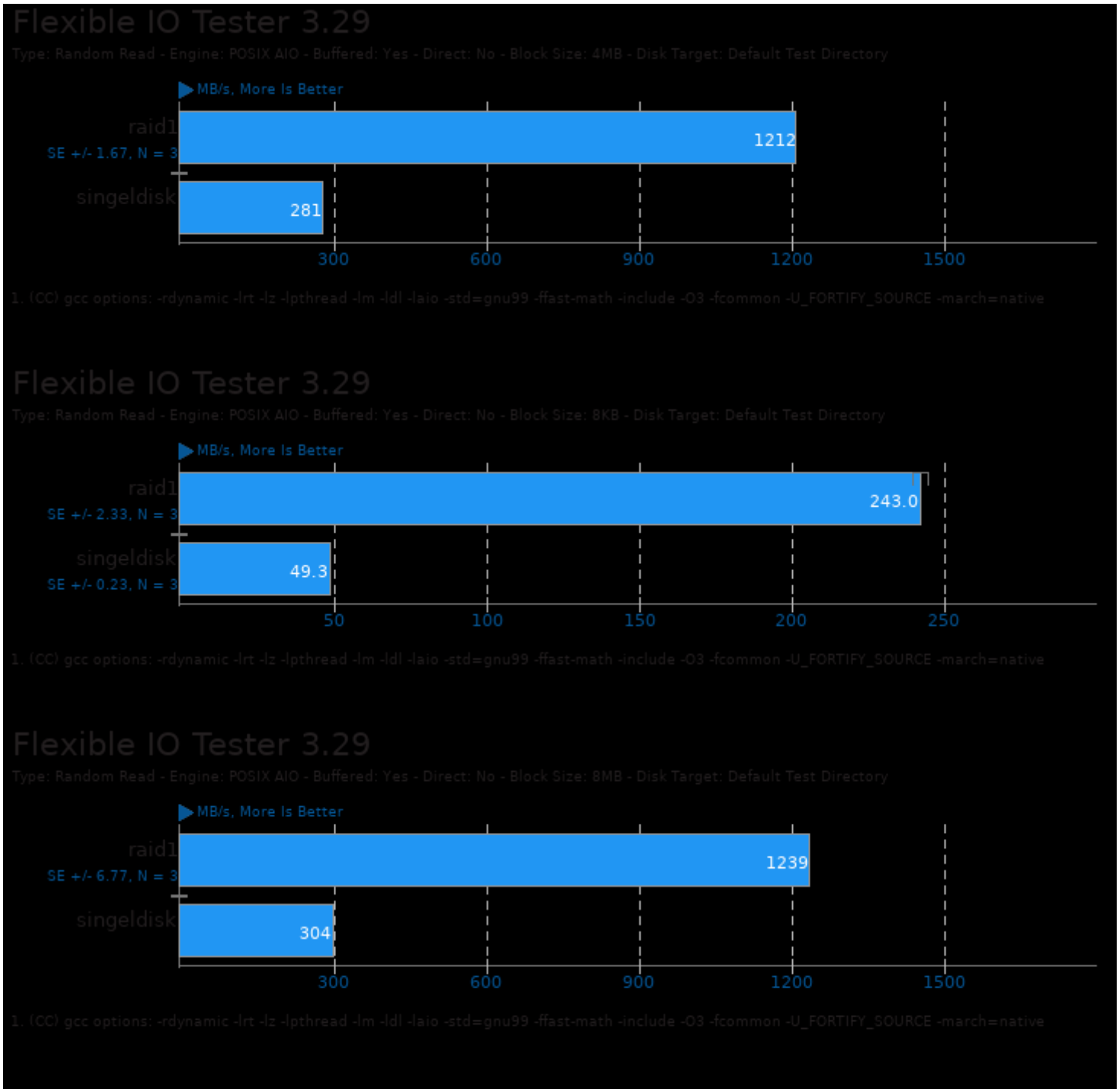
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.66, N = 3
1265
singeldisk
277
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.33, N = 3
222.0
singeldisk
SE +/- 0.03, N = 3
48.2
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 5.70, N = 3
1280
singeldisk
SE +/- 0.67, N = 3
315
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

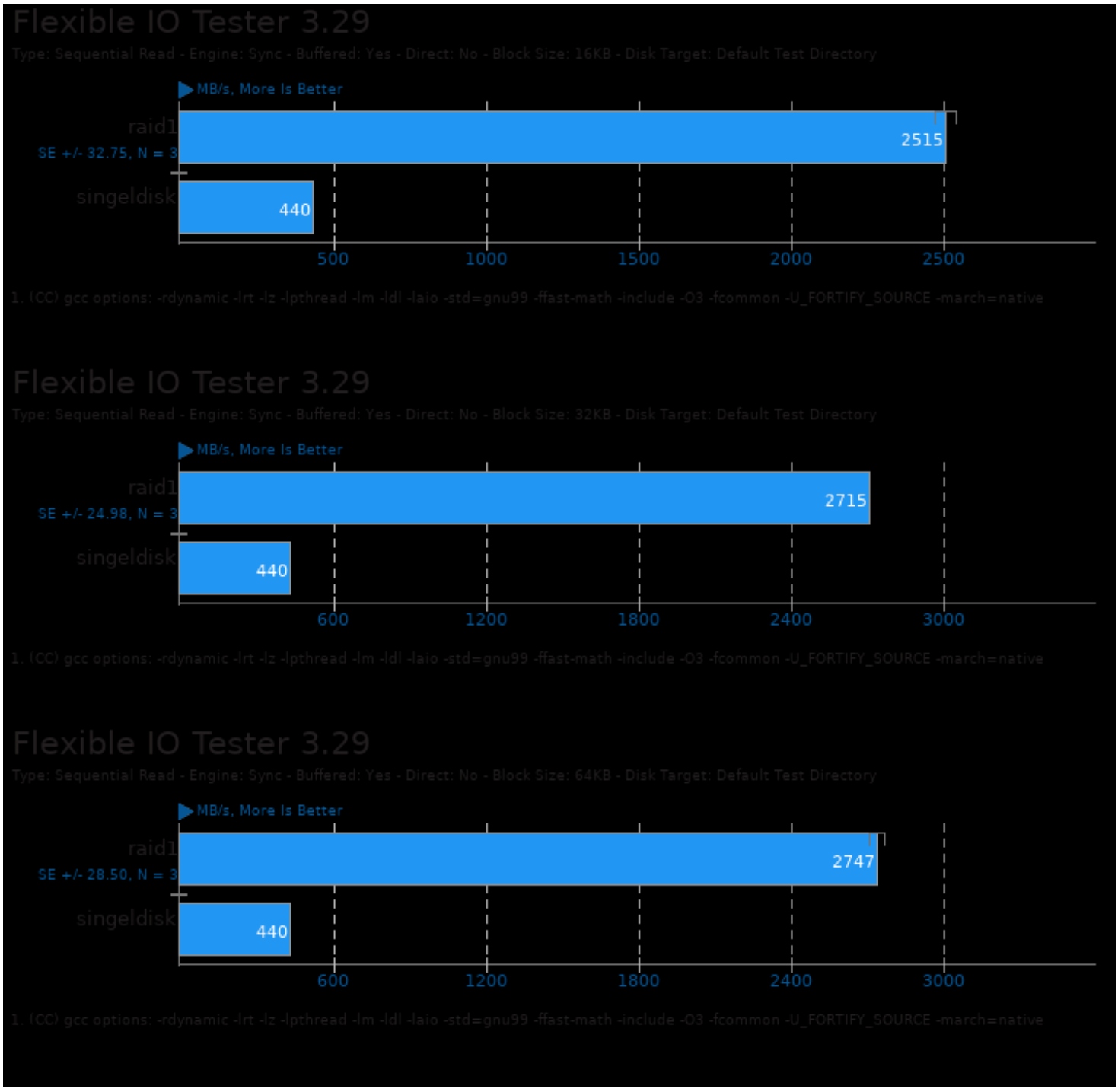
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 10.53, N = 3
1183
singeldisk
SE +/- 2.40, N = 3
179
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 12.24, N = 3
1173
singeldisk
SE +/- 0.67, N = 3
231
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
129.0
singeldisk
SE +/- 0.03, N = 3
32.9
30
60
90
120
150
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

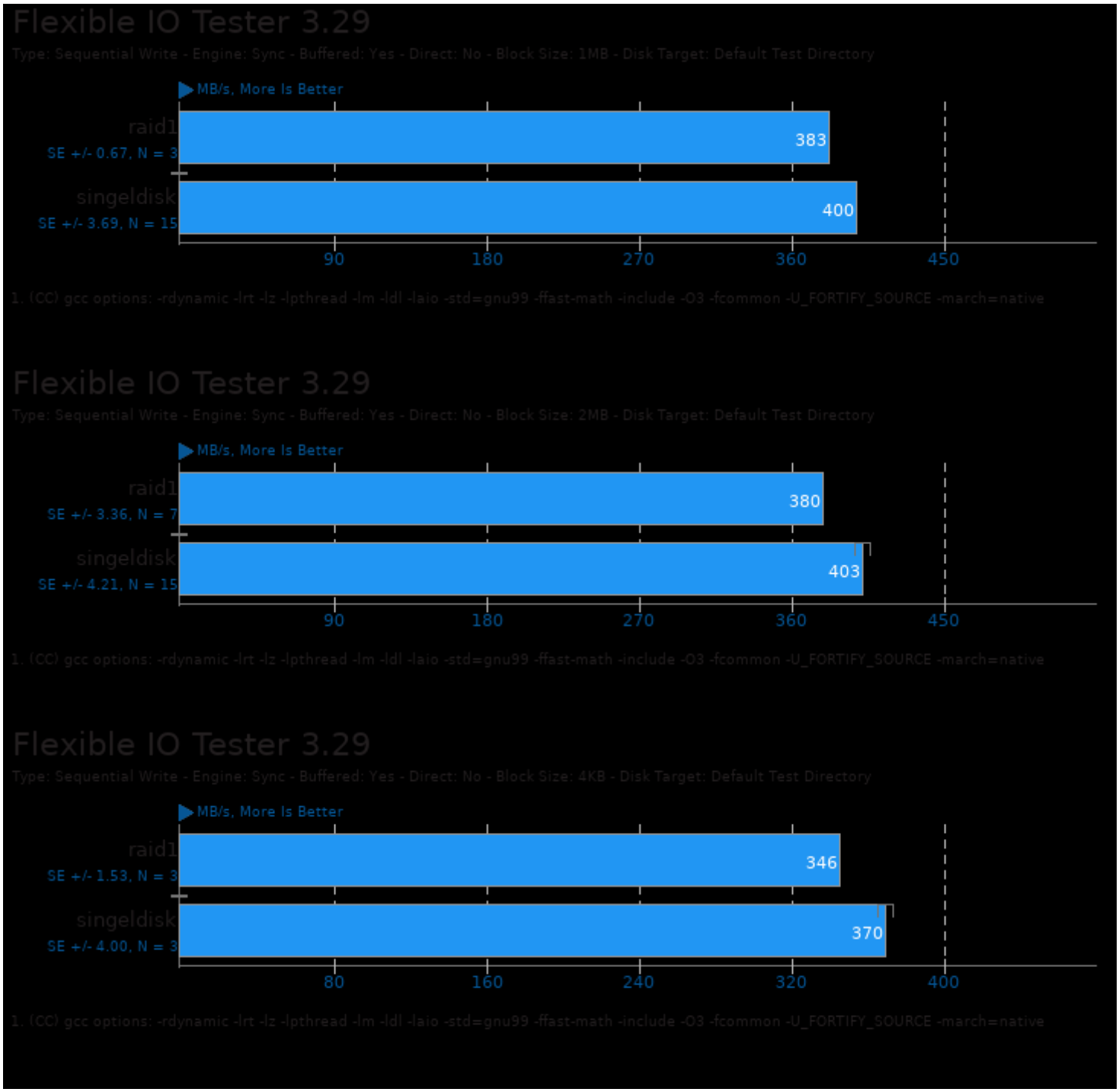
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.67, N = 3
1212
singeldisk
281
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.33, N = 3
243.0
singeldisk
SE +/- 0.23, N = 3
49.3
50
100
150
200
250
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.77, N = 3
1239
singeldisk
304
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

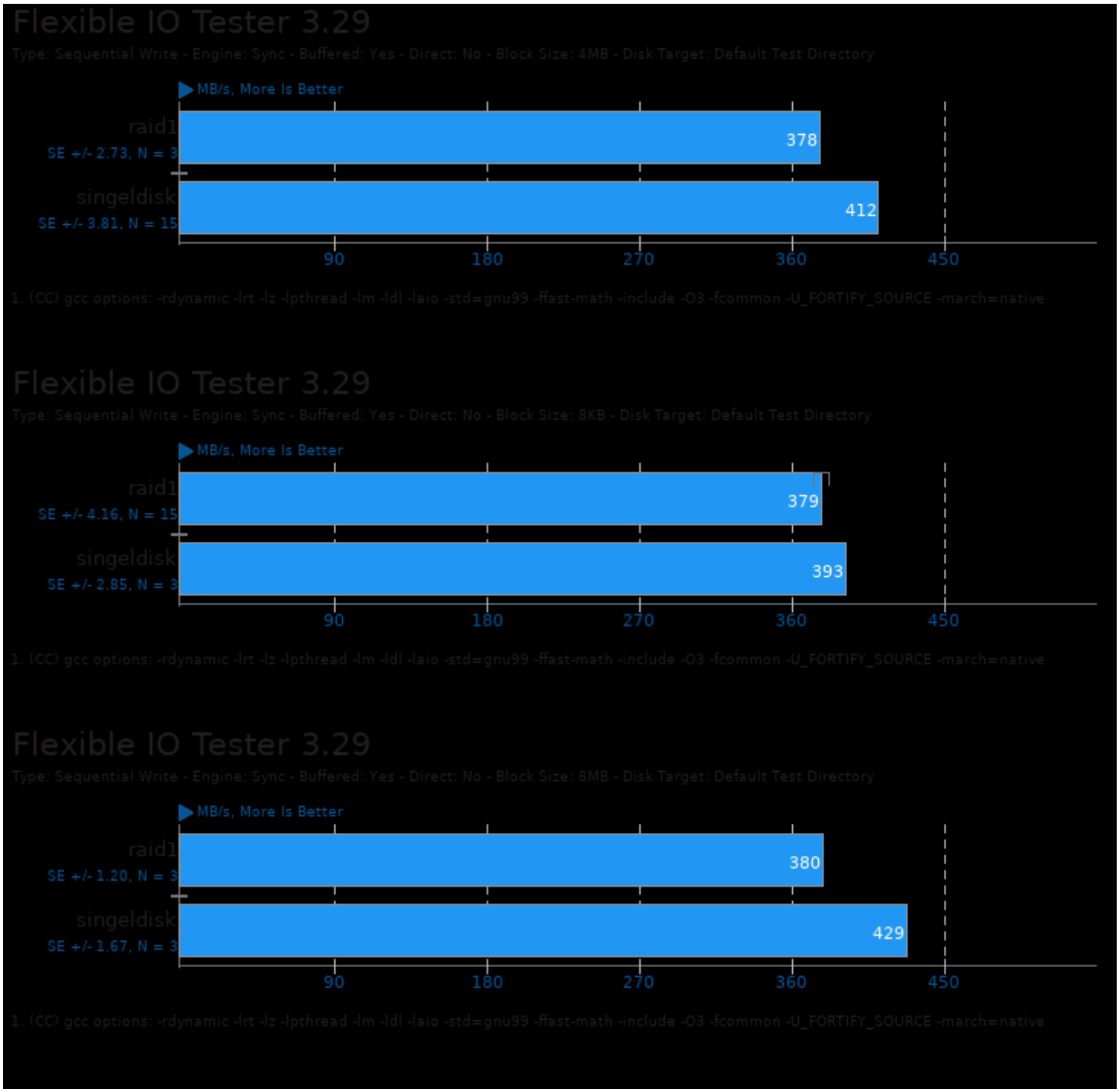
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 32.75, N = 3
2515
singeldisk
440
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 24.98, N = 3
2715
singeldisk
440
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 28.50, N = 3
2747
singeldisk
440
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

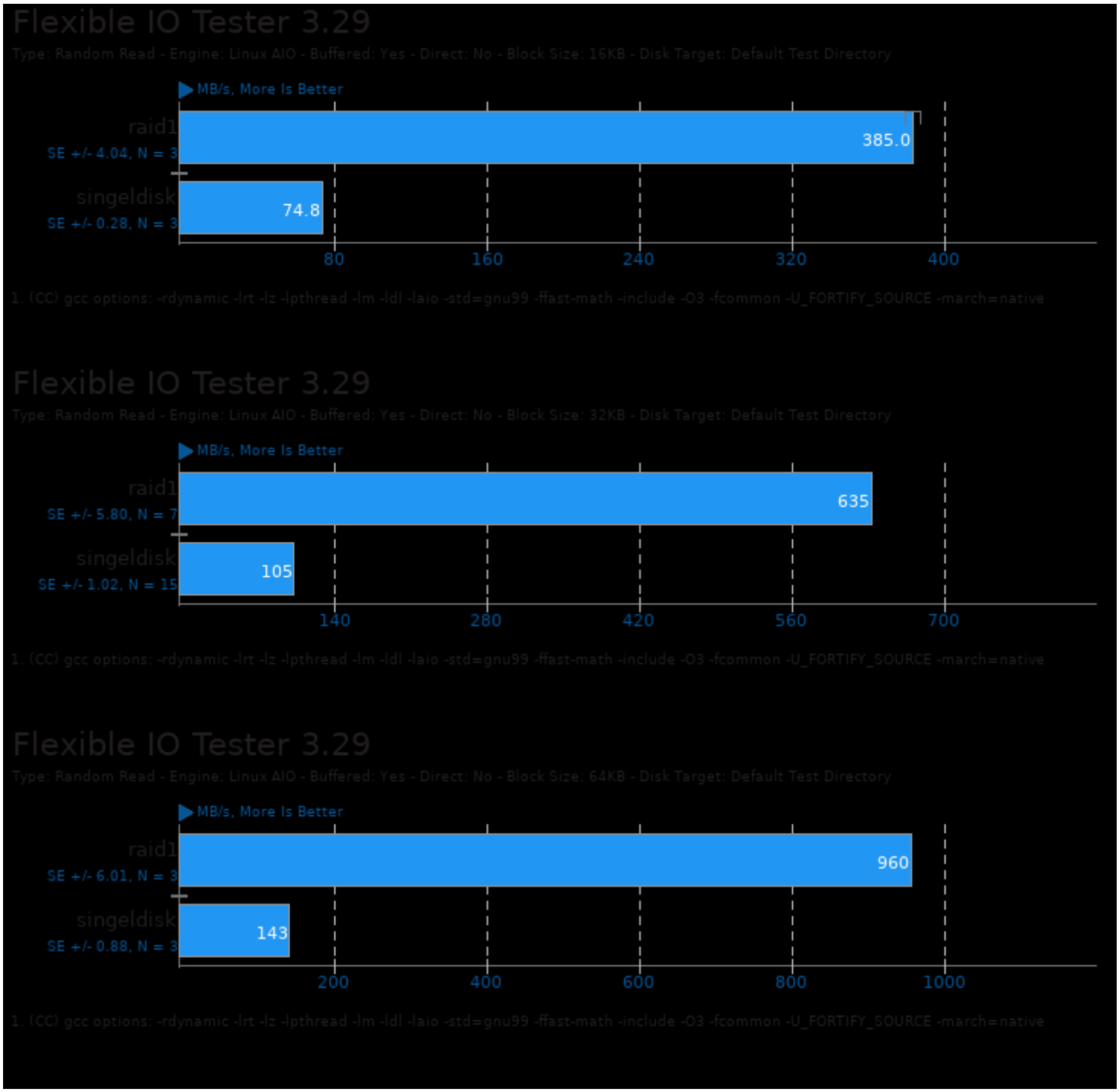
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.67, N = 3
383
singeldisk
SE +/- 3.69, N = 15
400
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.36, N = 7
380
singeldisk
SE +/- 4.21, N = 15
403
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.53, N = 3
346
singeldisk
SE +/- 4.00, N = 3
370
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

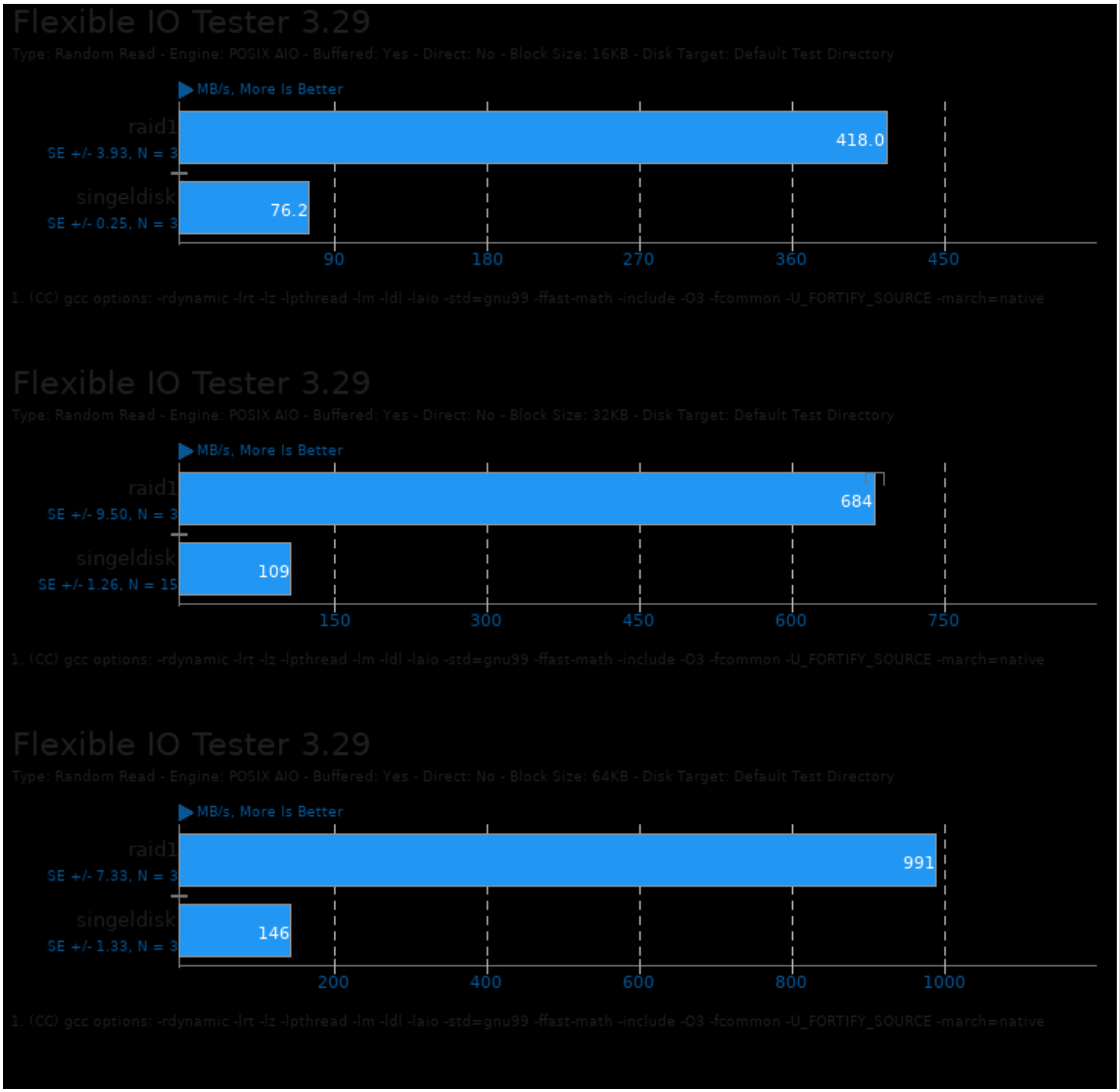
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.73, N = 3
378
singeldisk
SE +/- 3.81, N = 15
412
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.16, N = 15
379
singeldisk
SE +/- 2.85, N = 3
393
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.20, N = 3
380
singeldisk
SE +/- 1.67, N = 3
429
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

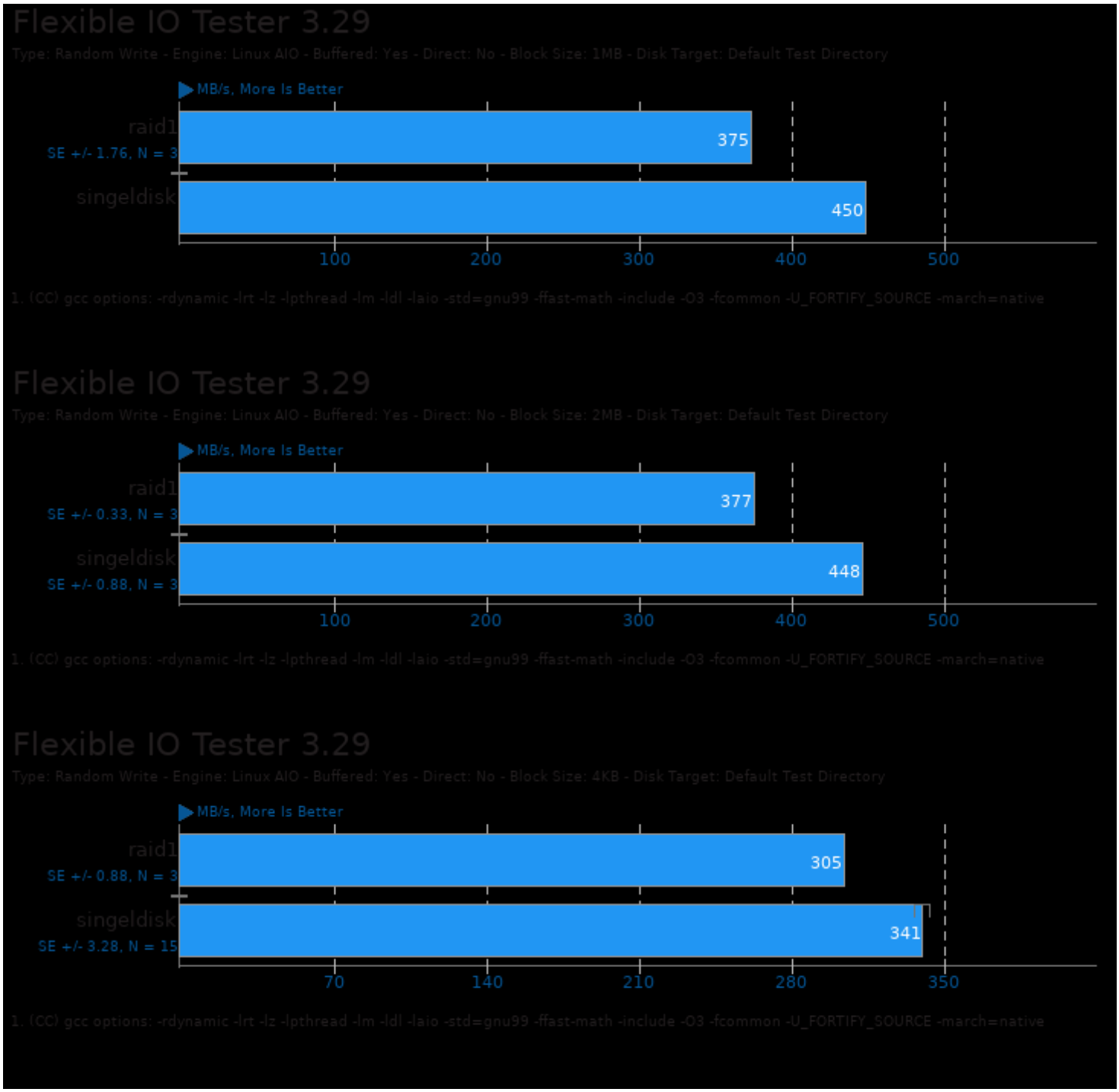
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.04, N = 3
385.0
singeldisk
SE +/- 0.28, N = 3
74.8
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 5.80, N = 7
635
singeldisk
SE +/- 1.02, N = 15
105
140
280
420
560
700
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.01, N = 3
960
singeldisk
SE +/- 0.88, N = 3
143
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

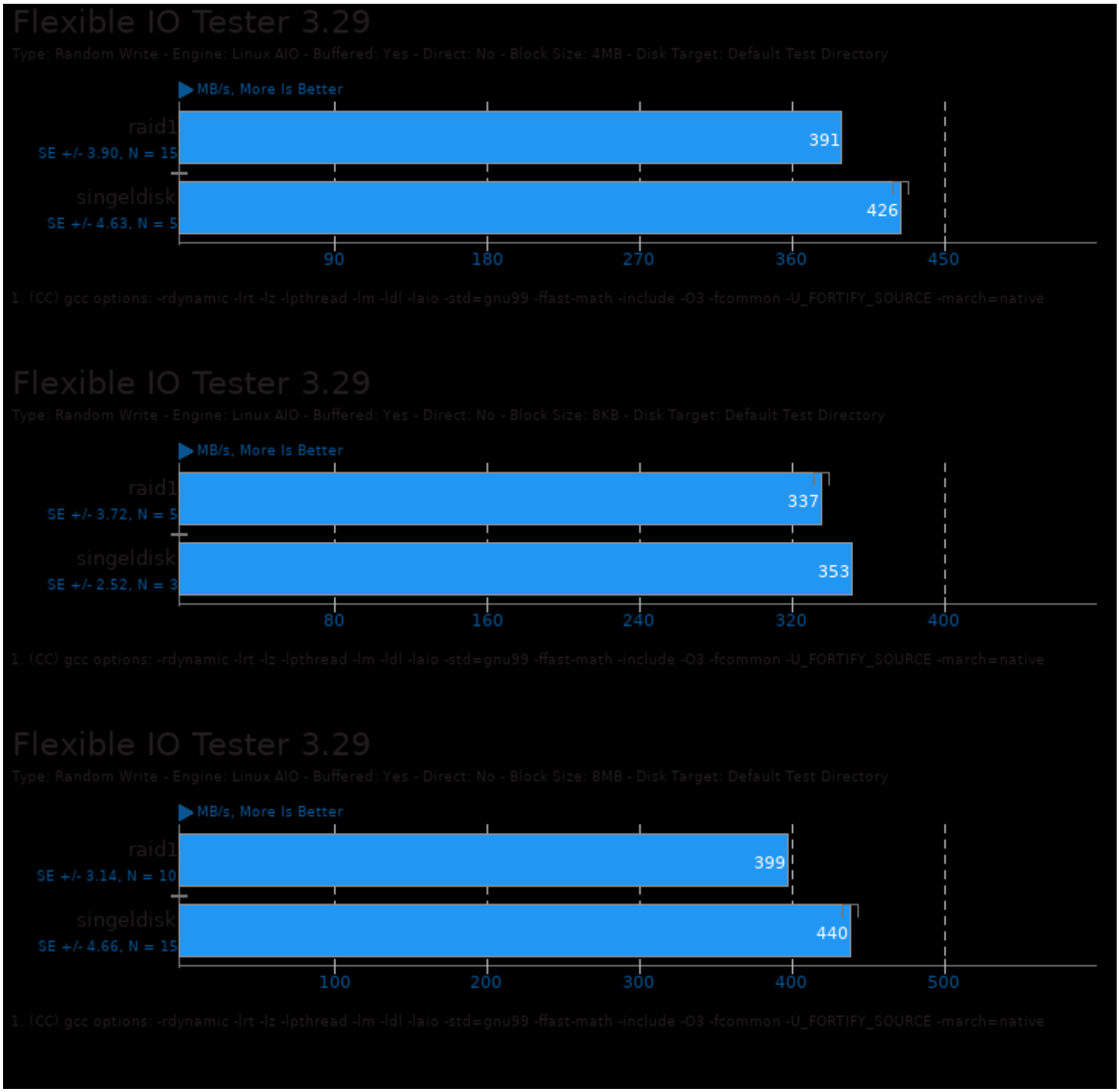
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.93, N = 3
418.0
singeldisk
SE +/- 0.25, N = 3
76.2
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 9.50, N = 3
684
singeldisk
SE +/- 1.26, N = 15
109
150
300
450
600
750
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 7.33, N = 3
991
singeldisk
SE +/- 1.33, N = 3
146
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

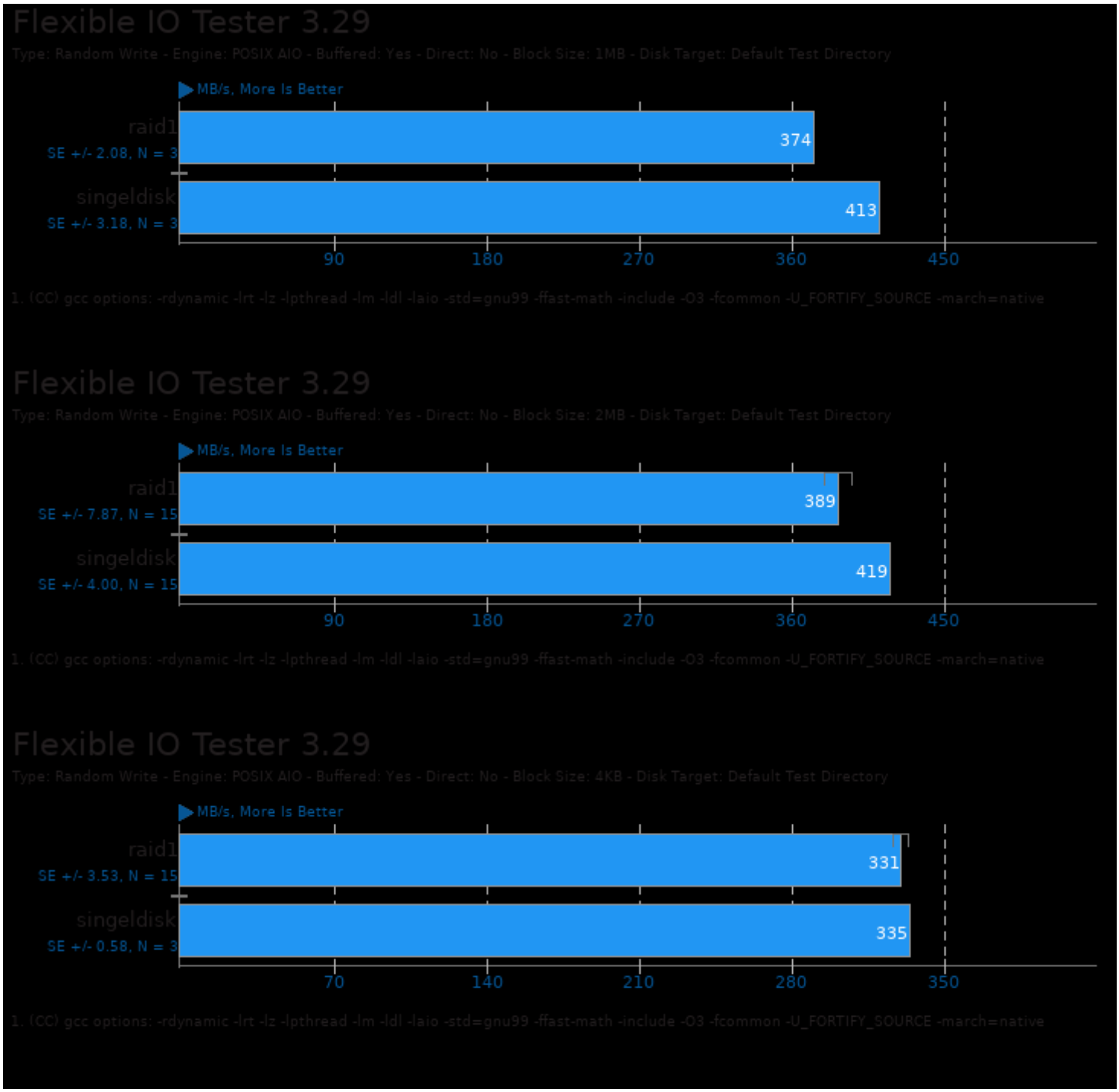
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.76, N = 3
375
singeldisk
450
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.33, N = 3
377
singeldisk
SE +/- 0.88, N = 3
448
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.88, N = 3
305
singeldisk
SE +/- 3.28, N = 15
341
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

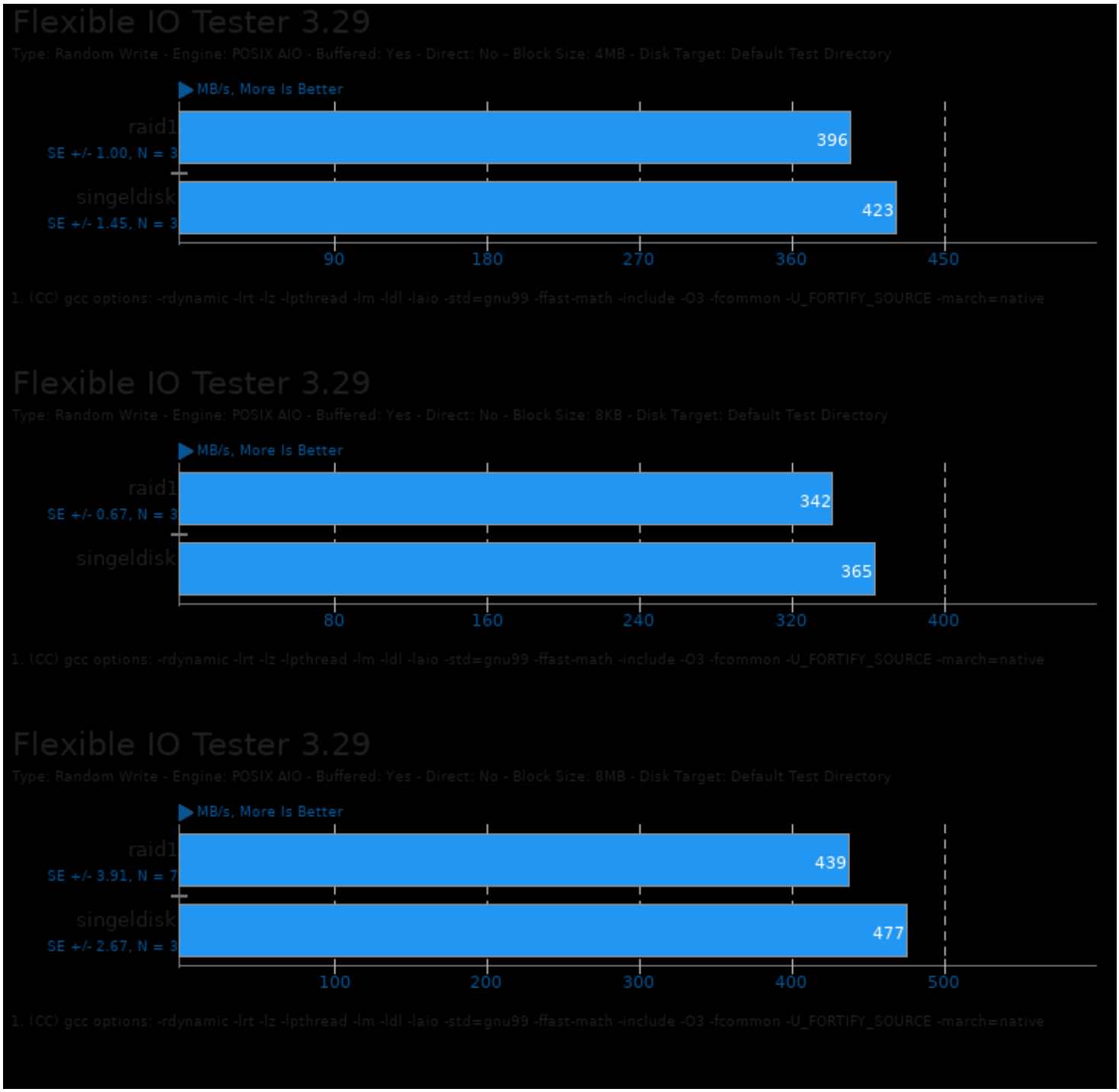
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.90, N = 15
391
singeldisk
SE +/- 4.63, N = 5
426
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.72, N = 5
337
singeldisk
SE +/- 2.52, N = 3
353
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.14, N = 10
399
singeldisk
SE +/- 4.66, N = 15
440
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

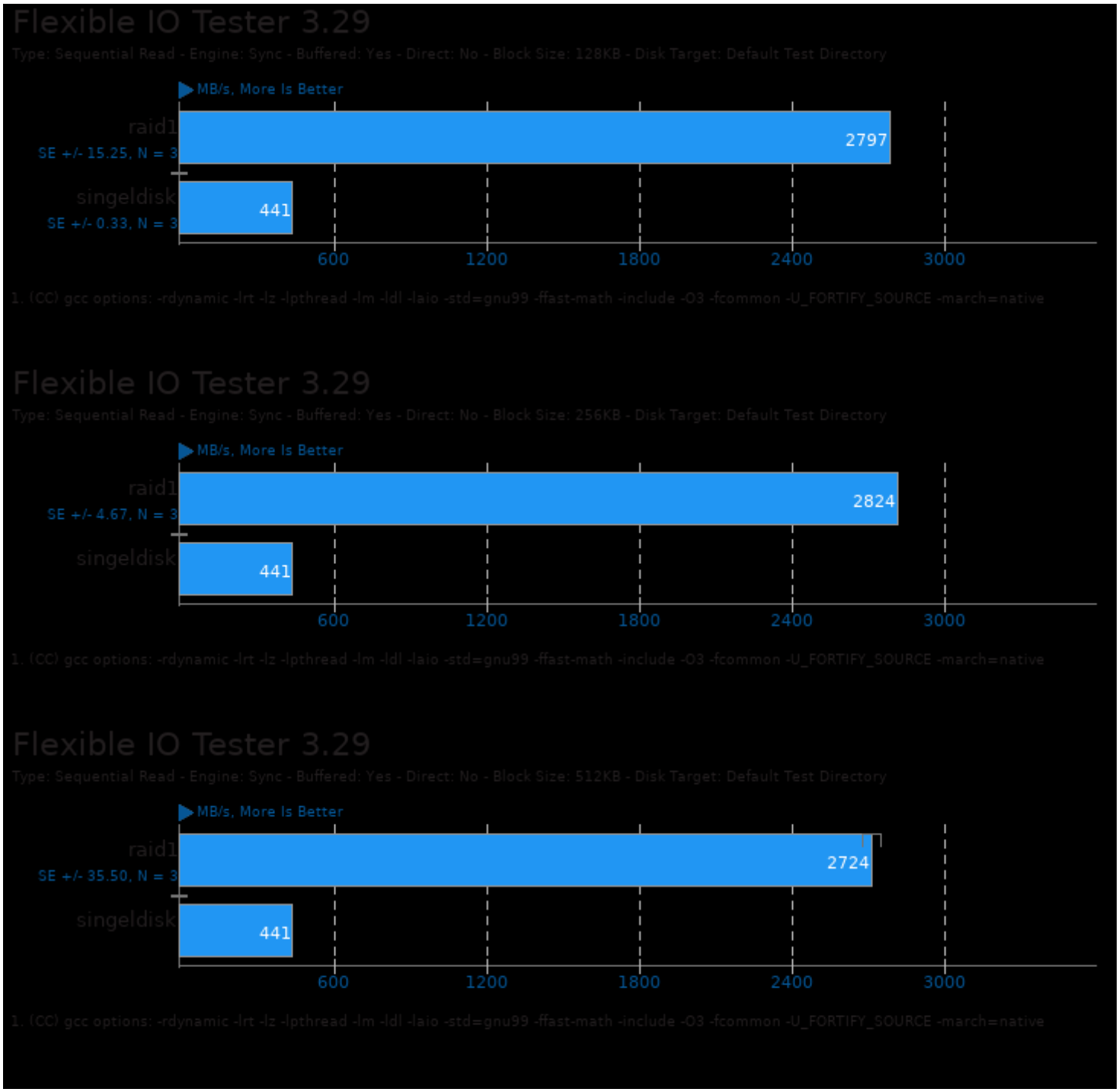
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.08, N = 3
374
singeldisk
SE +/- 3.18, N = 3
413
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 7.87, N = 15
389
singeldisk
SE +/- 4.00, N = 15
419
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.53, N = 15
331
singeldisk
SE +/- 0.58, N = 3
335
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

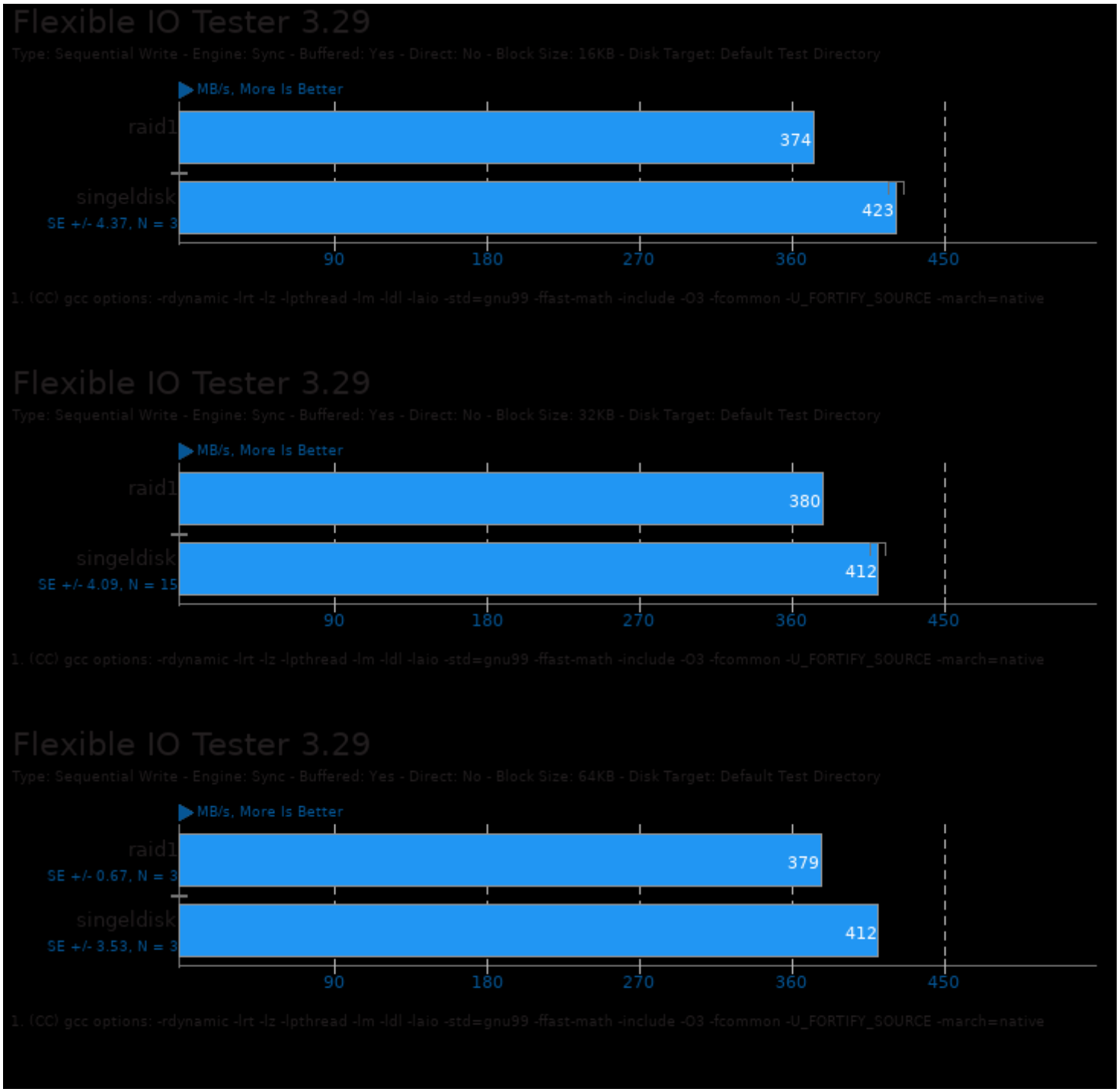
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.00, N = 3
396
singeldisk
SE +/- 1.45, N = 3
423
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.67, N = 3
342
singeldisk
365
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.91, N = 7
439
singeldisk
SE +/- 2.67, N = 3
477
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

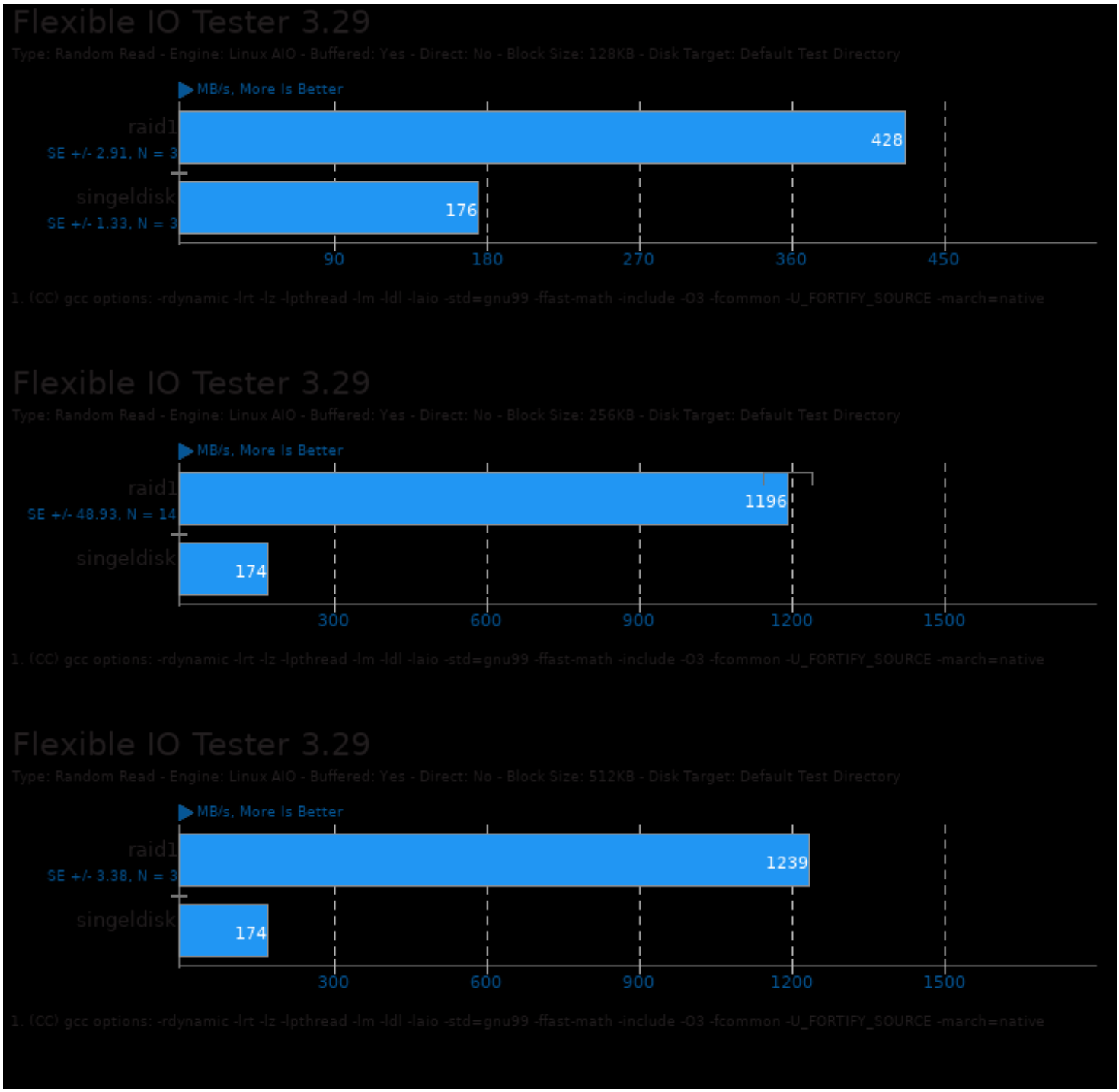
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 15.25, N = 3
2797
singeldisk
SE +/- 0.33, N = 3
441
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.67, N = 3
2824
singeldisk
441
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 35.50, N = 3
2724
singeldisk
441
600
1200
1800
2400
3000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

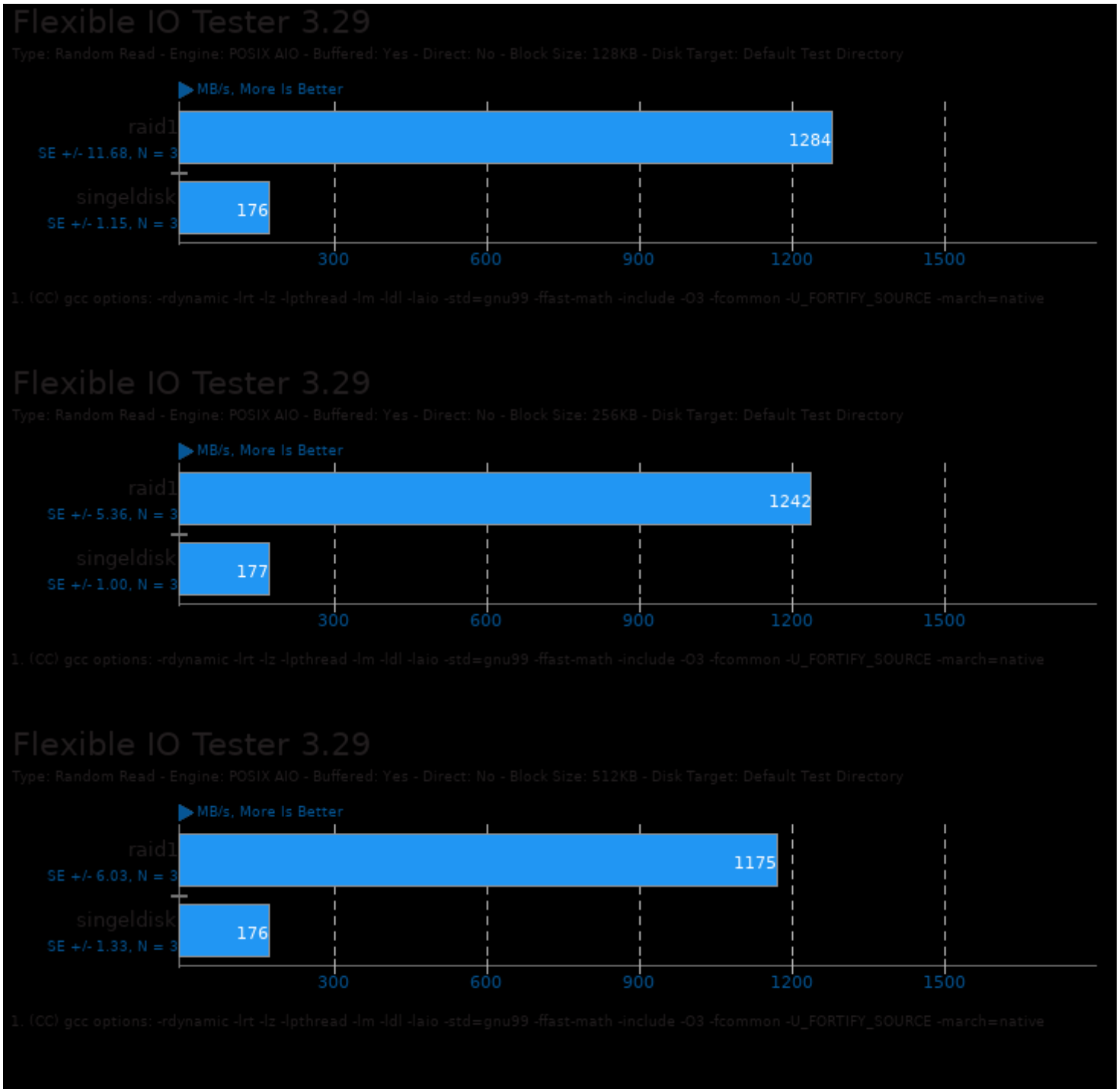
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
374
singeldisk
SE +/- 4.37, N = 3
423
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
380
singeldisk
SE +/- 4.09, N = 15
412
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.67, N = 3
379
singeldisk
SE +/- 3.53, N = 3
412
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

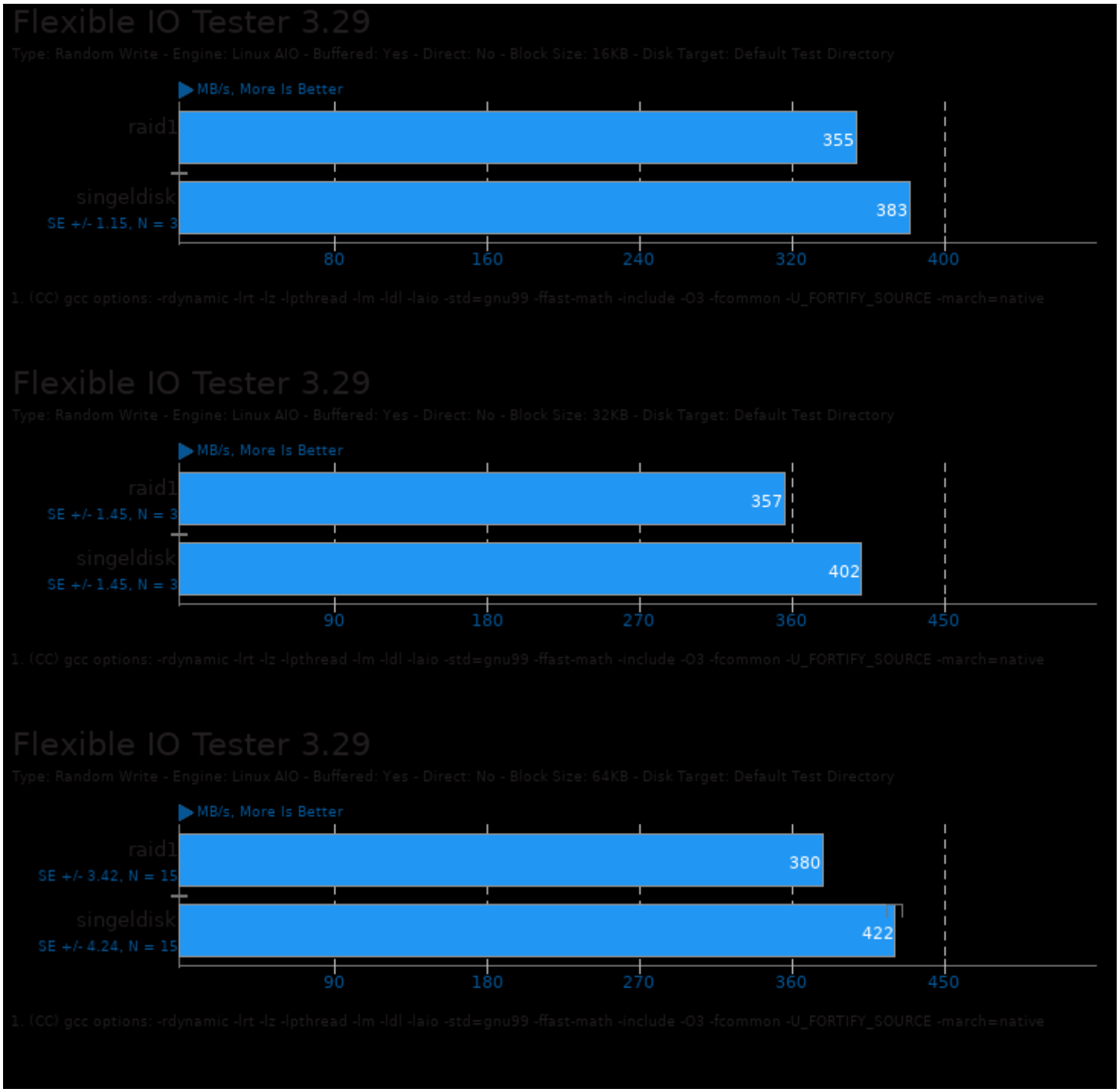
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.91, N = 3
428
singeldisk
SE +/- 1.33, N = 3
176
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 48.93, N = 14
1196
singeldisk
174
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.38, N = 3
1239
singeldisk
174
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

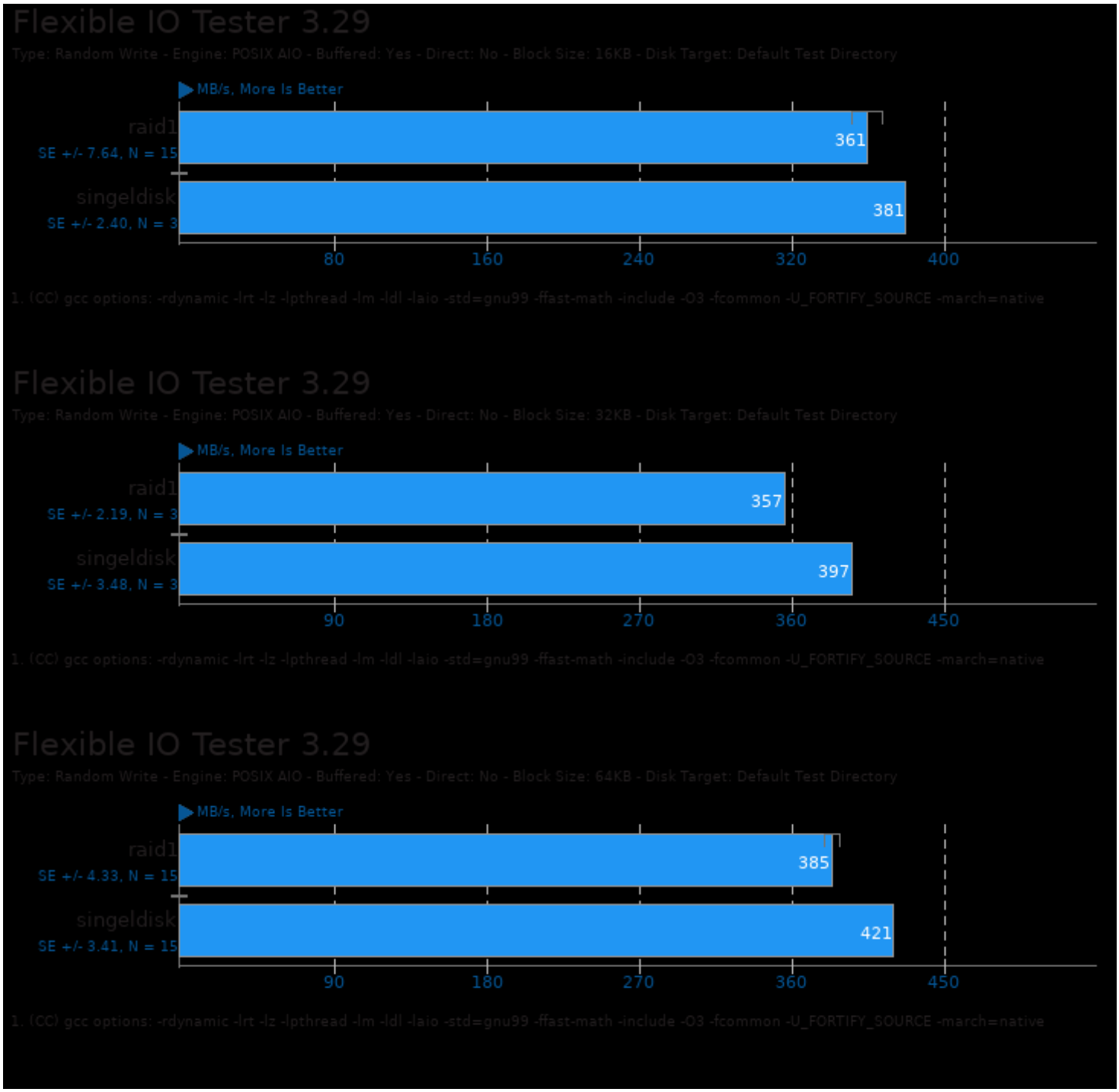
disktest1


Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 11.68, N = 3
1284
singeldisk
SE +/- 1.15, N = 3
176
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 5.36, N = 3
1242
singeldisk
SE +/- 1.00, N = 3
177
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 6.03, N = 3
1175
singeldisk
SE +/- 1.33, N = 3
176
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

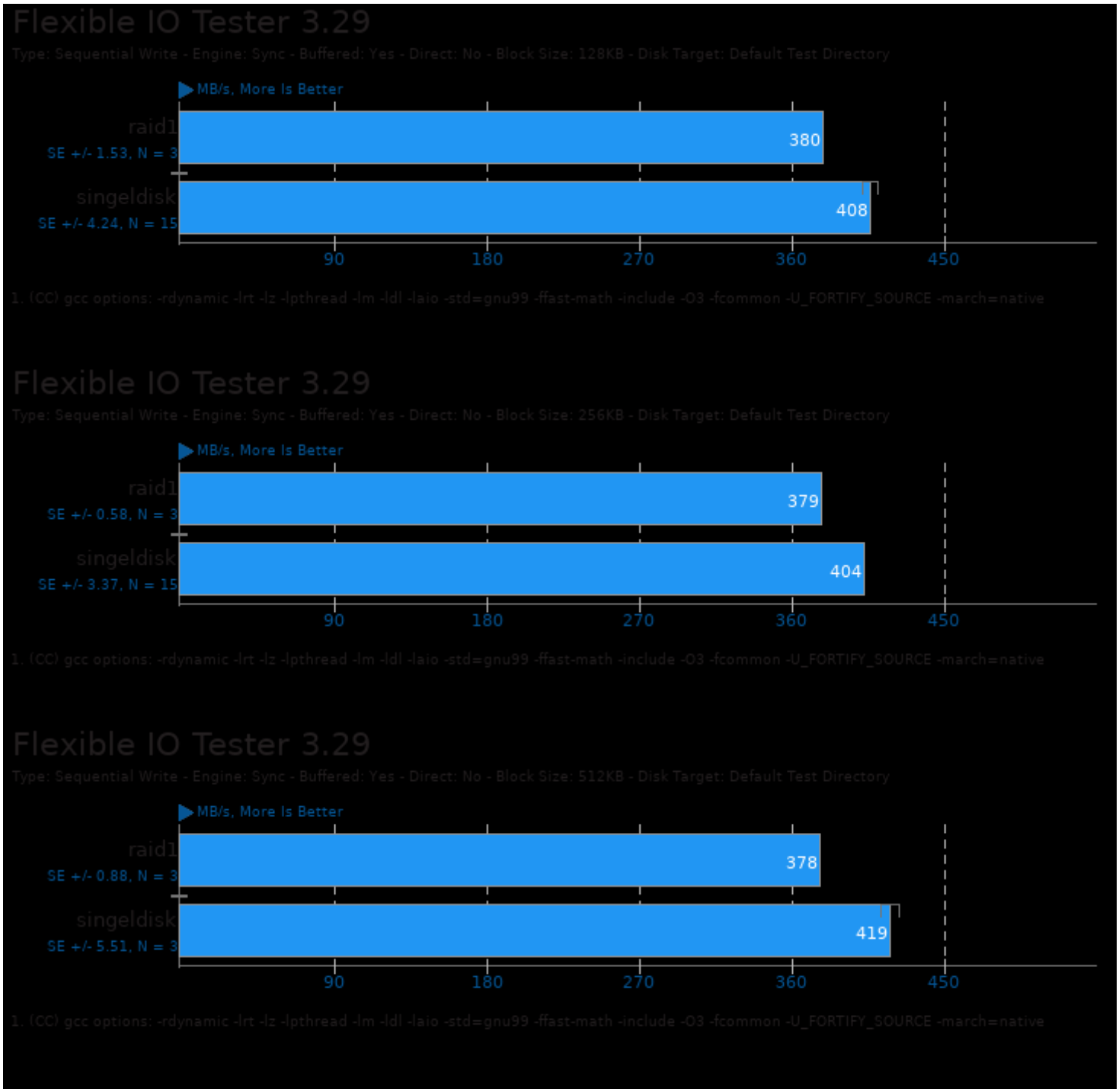
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
355
singeldisk
SE +/- 1.15, N = 3
383
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.45, N = 3
357
singeldisk
SE +/- 1.45, N = 3
402
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.42, N = 15
380
singeldisk
SE +/- 4.24, N = 15
422
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

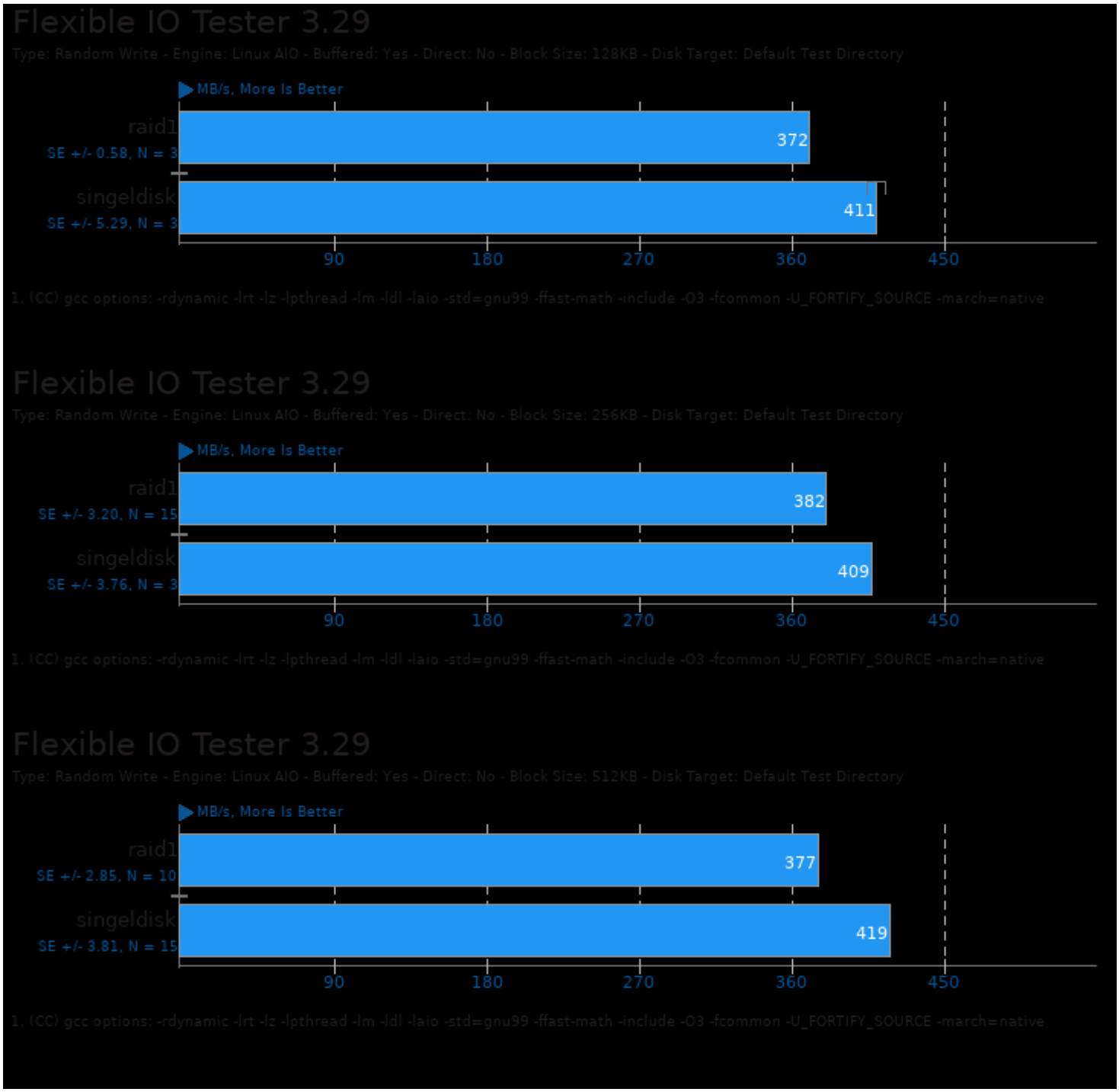
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 7.64, N = 15
361
singeldisk
SE +/- 2.40, N = 3
381
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.19, N = 3
357
singeldisk
SE +/- 3.48, N = 3
397
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.33, N = 15
385
singeldisk
SE +/- 3.41, N = 15
421
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

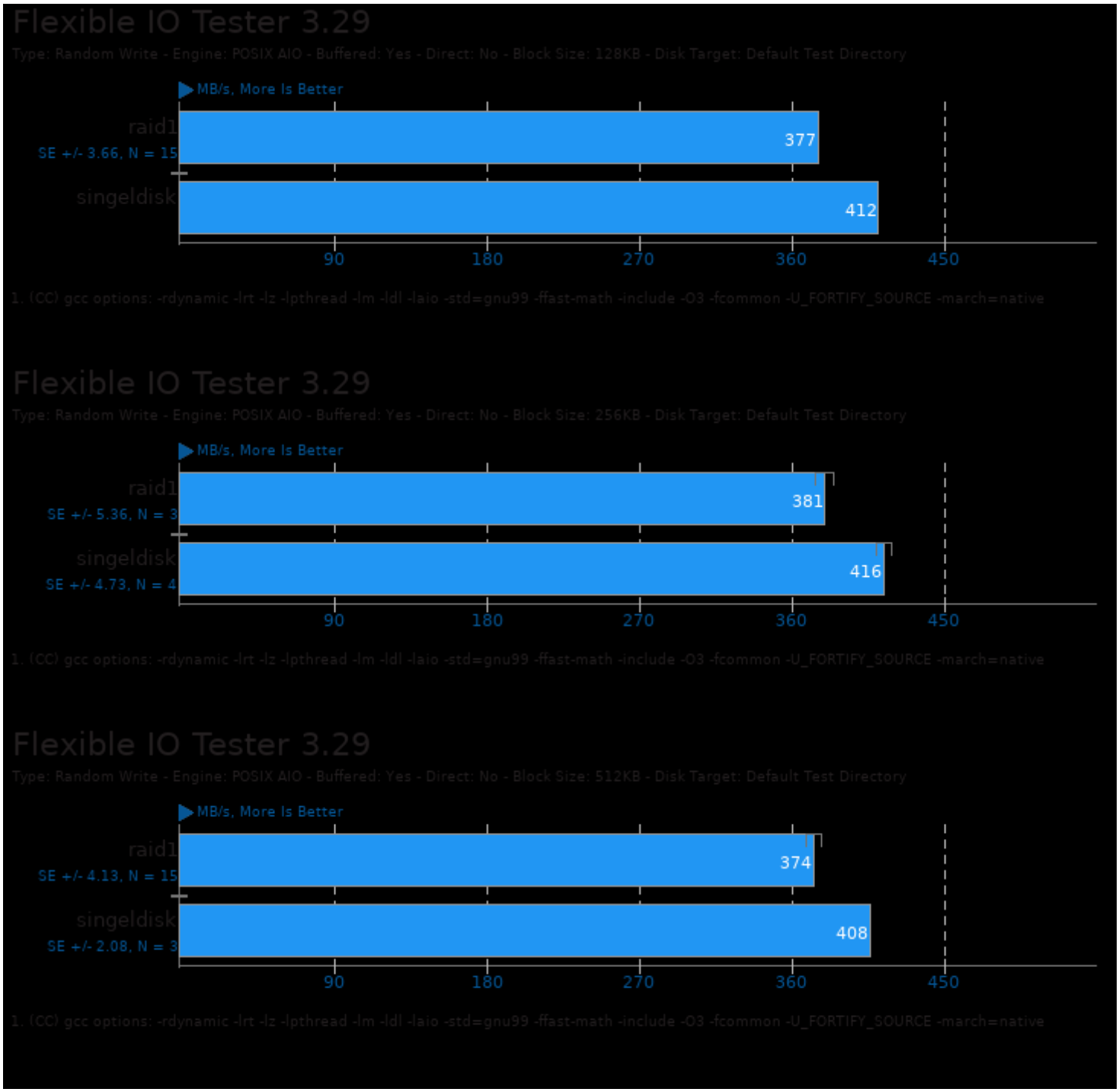
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.53, N = 3
380
singeldisk
SE +/- 4.24, N = 15
408
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.58, N = 3
379
singeldisk
SE +/- 3.37, N = 15
404
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.88, N = 3
378
singeldisk
SE +/- 5.51, N = 3
419
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

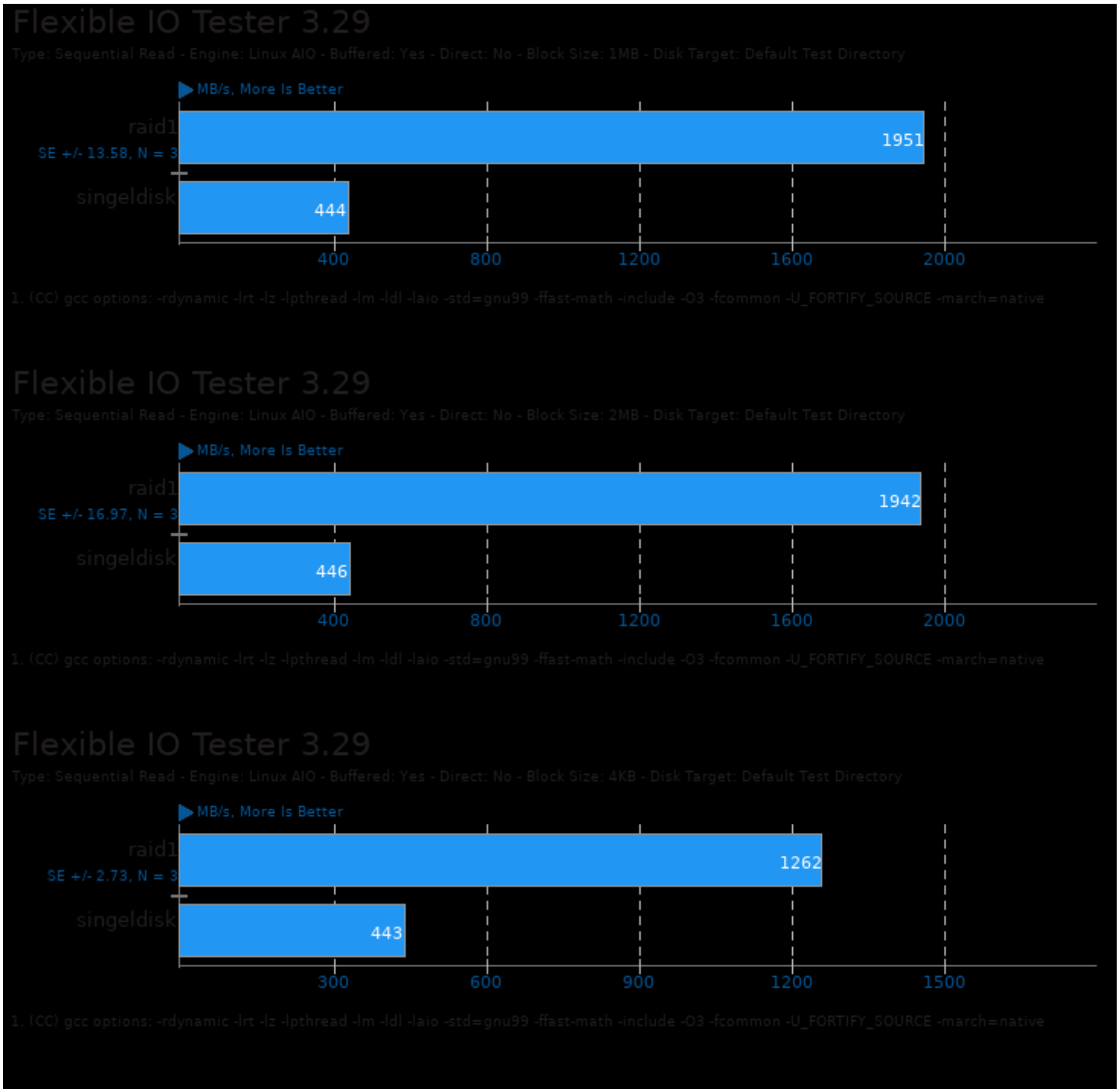
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.58, N = 3
372
singeldisk
SE +/- 5.29, N = 3
411
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.20, N = 15
382
singeldisk
SE +/- 3.76, N = 3
409
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.85, N = 10
377
singeldisk
SE +/- 3.81, N = 15
419
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

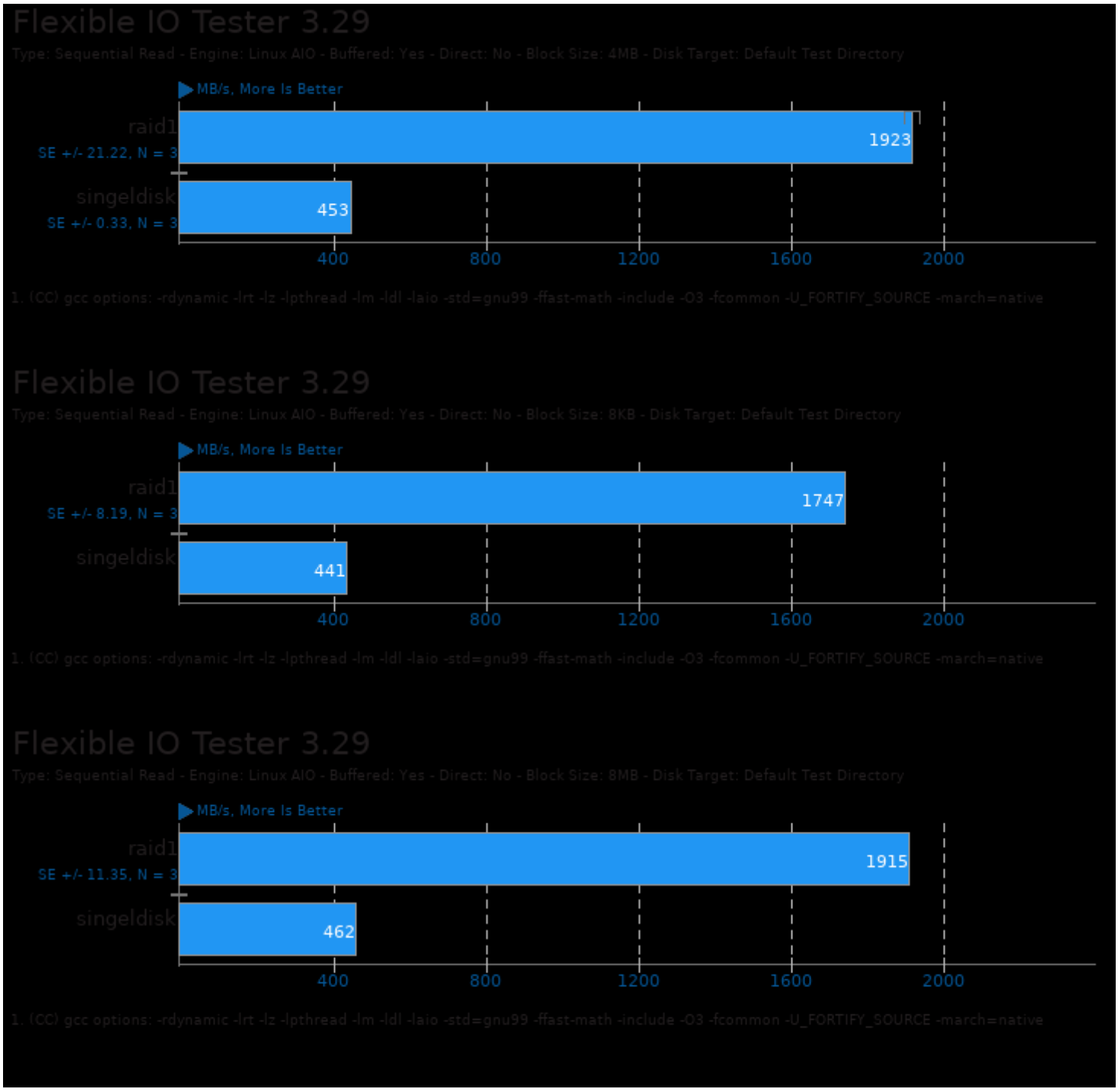
disktest1


Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.66, N = 15
377
singeldisk
412
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 5.36, N = 3
381
singeldisk
SE +/- 4.73, N = 4
416
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.13, N = 15
374
singeldisk
SE +/- 2.08, N = 3
408
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

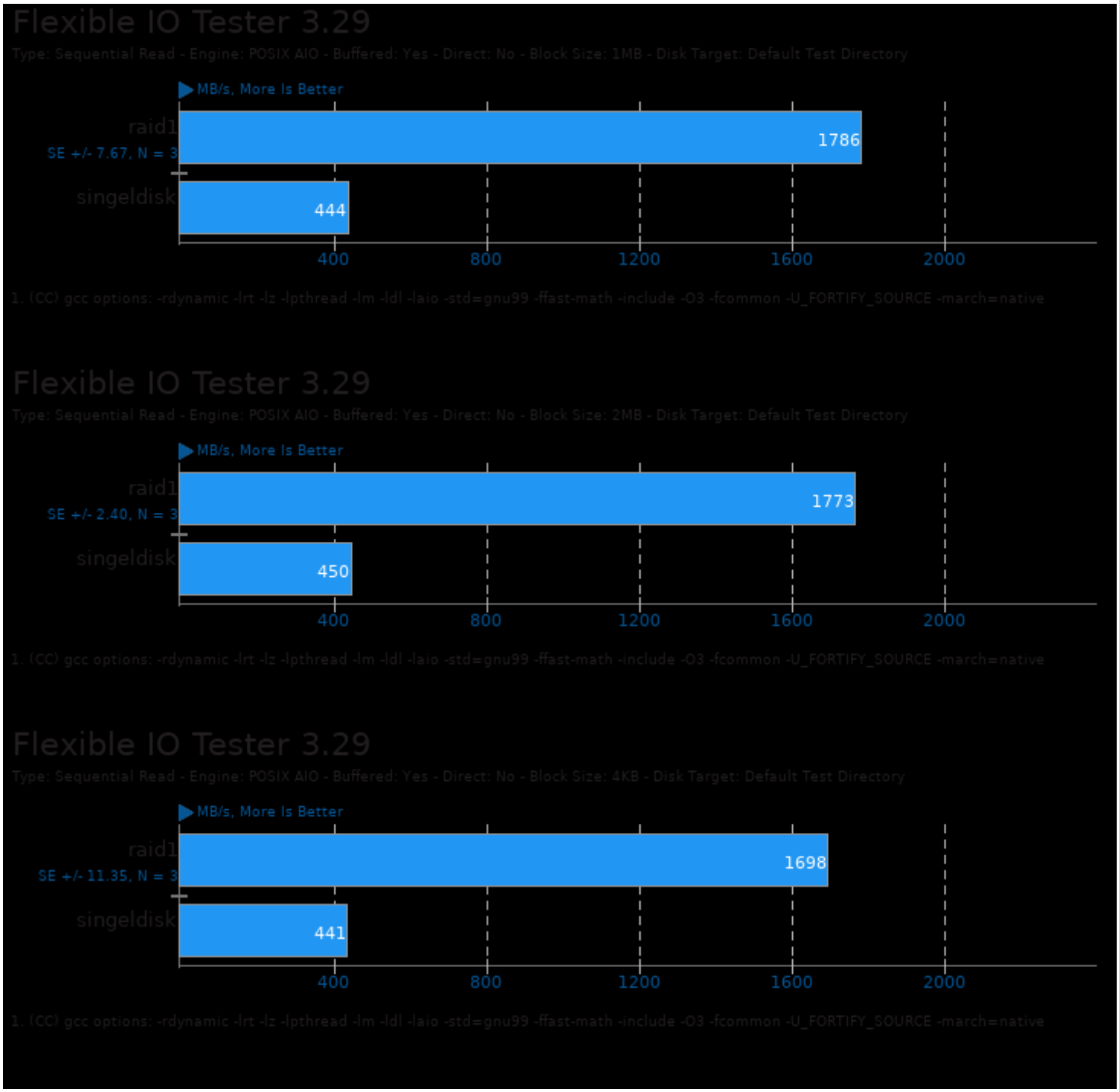
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 13.58, N = 3
1951
singeldisk
444
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 16.97, N = 3
1942
singeldisk
446
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.73, N = 3
1262
singeldisk
443
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

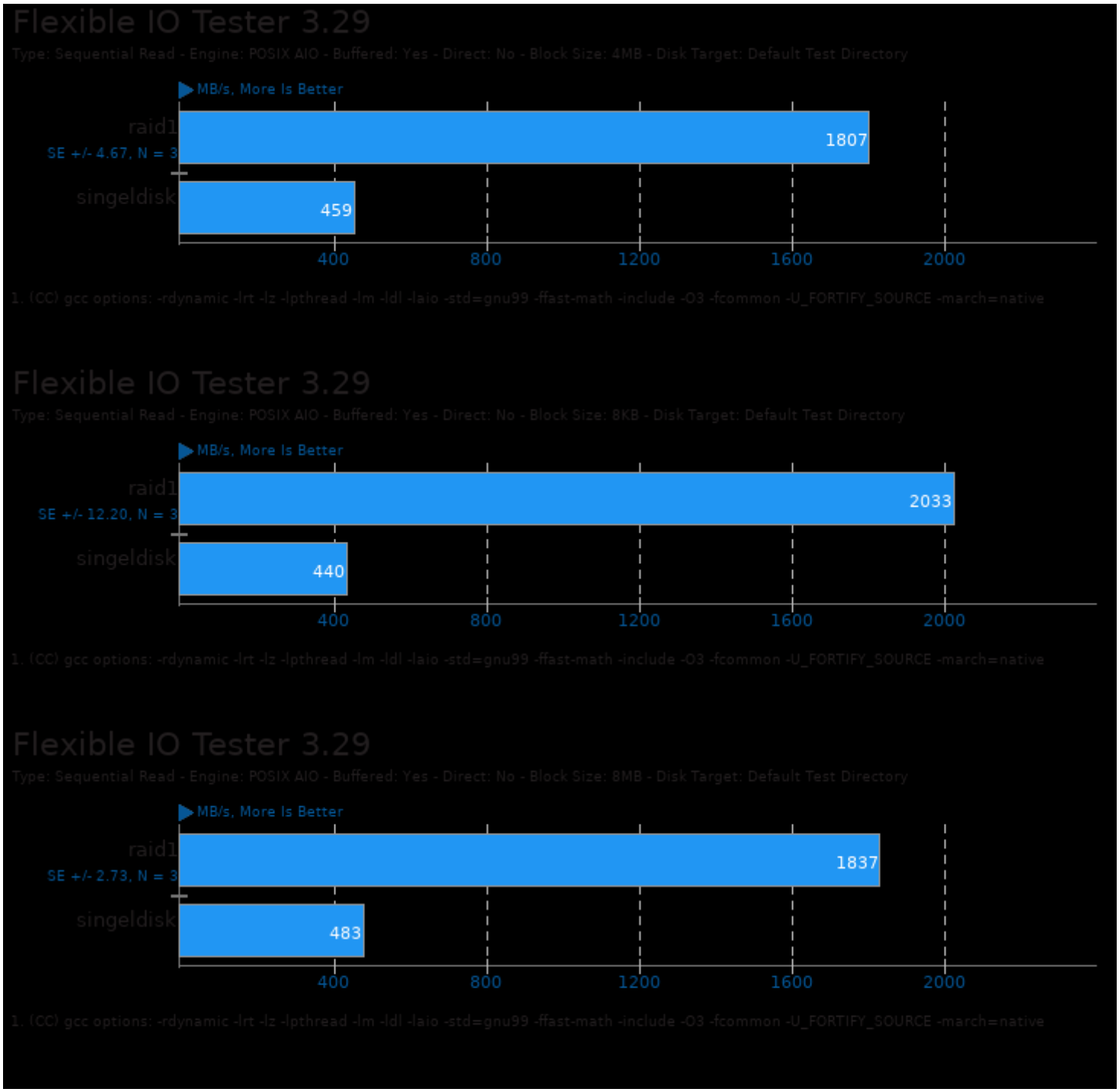
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 21.22, N = 3
1923
singeldisk
SE +/- 0.33, N = 3
453
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 8.19, N = 3
1747
singeldisk
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 11.35, N = 3
1915
singeldisk
462
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

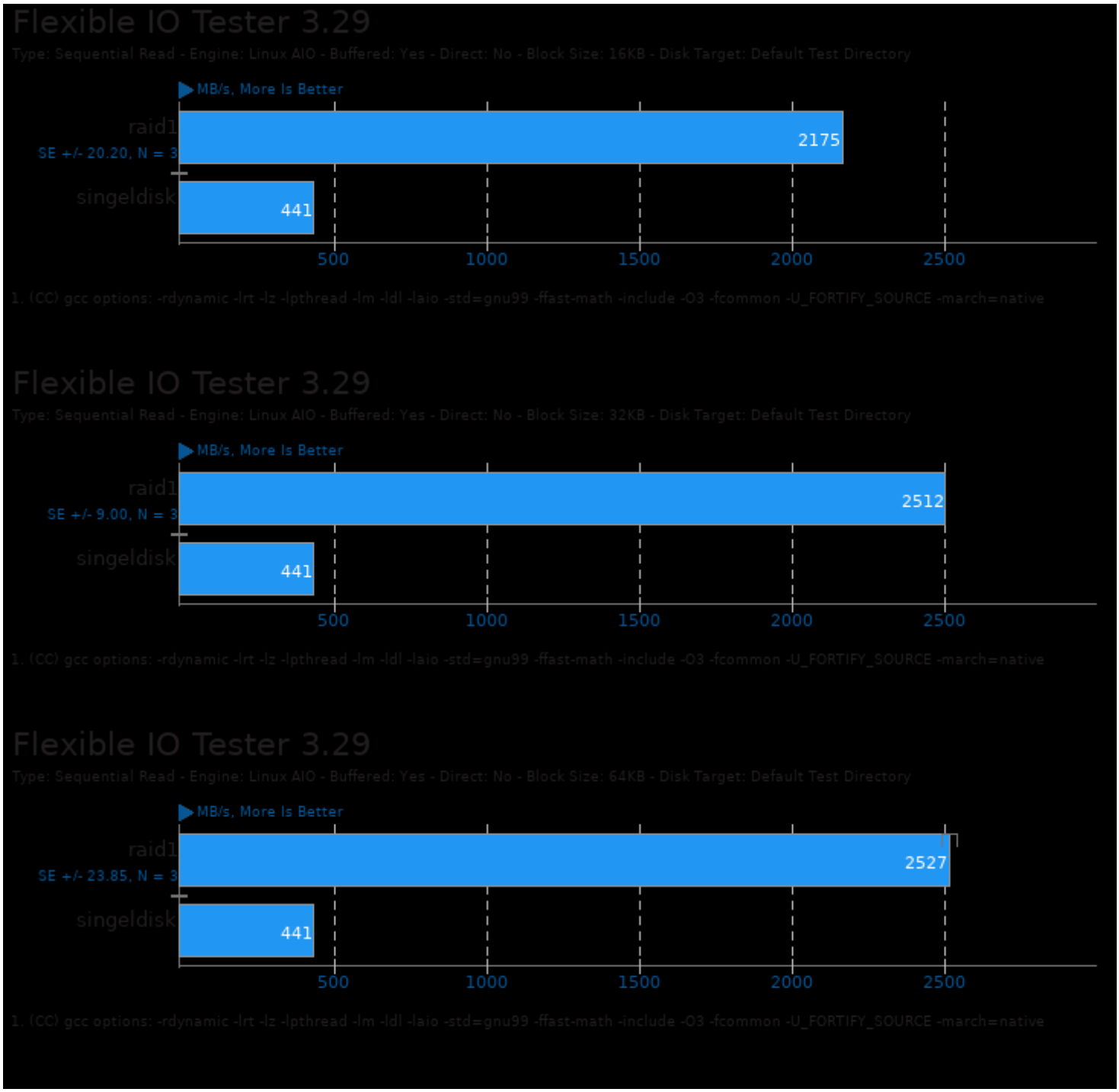
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 7.67, N = 3
1786
singeldisk
444
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.40, N = 3
1773
singeldisk
450
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 11.35, N = 3
1698
singeldisk
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

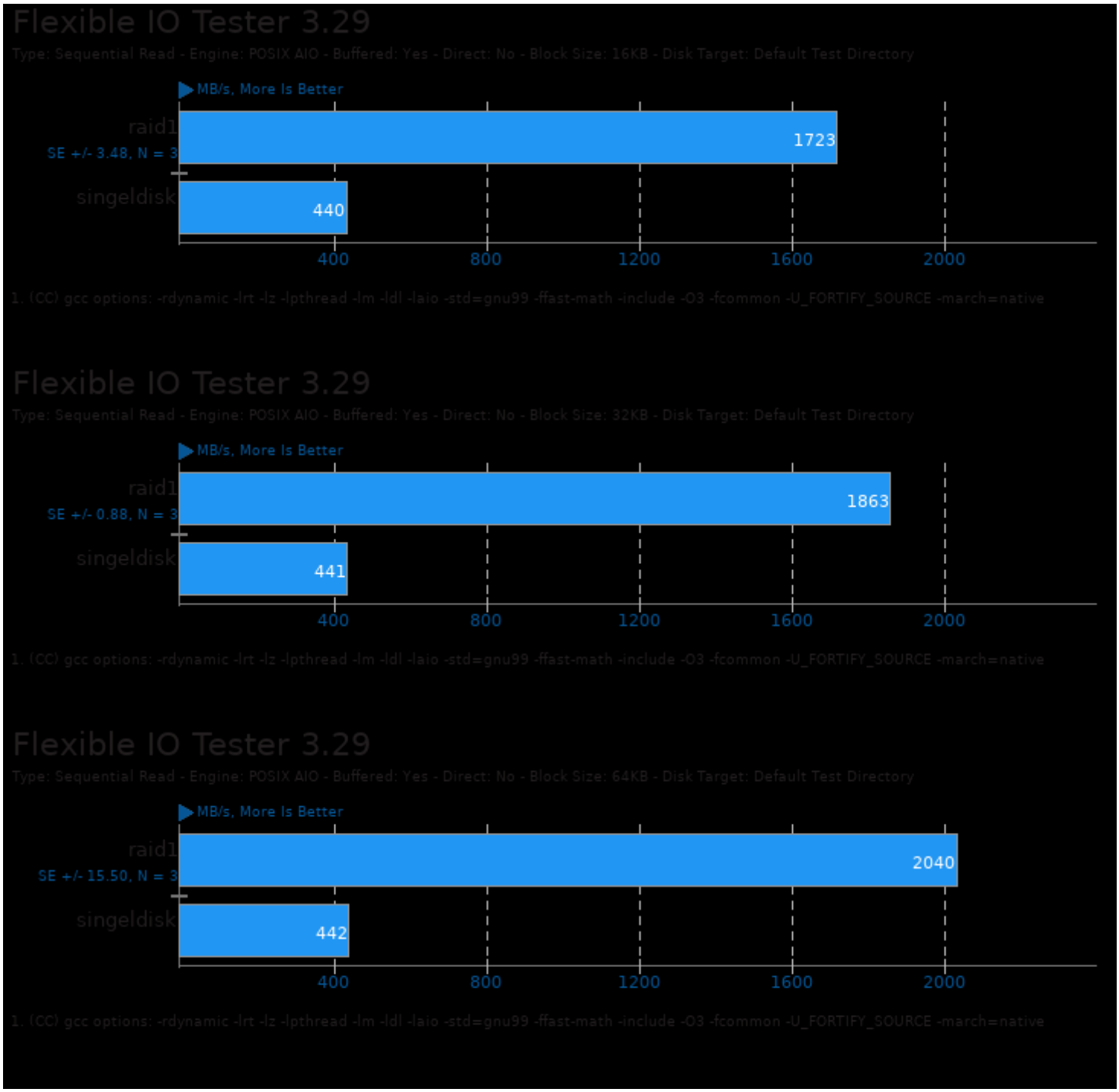
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.67, N = 3
1807
singeldisk
459
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 12.20, N = 3
2033
singeldisk
440
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.73, N = 3
1837
singeldisk
483
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

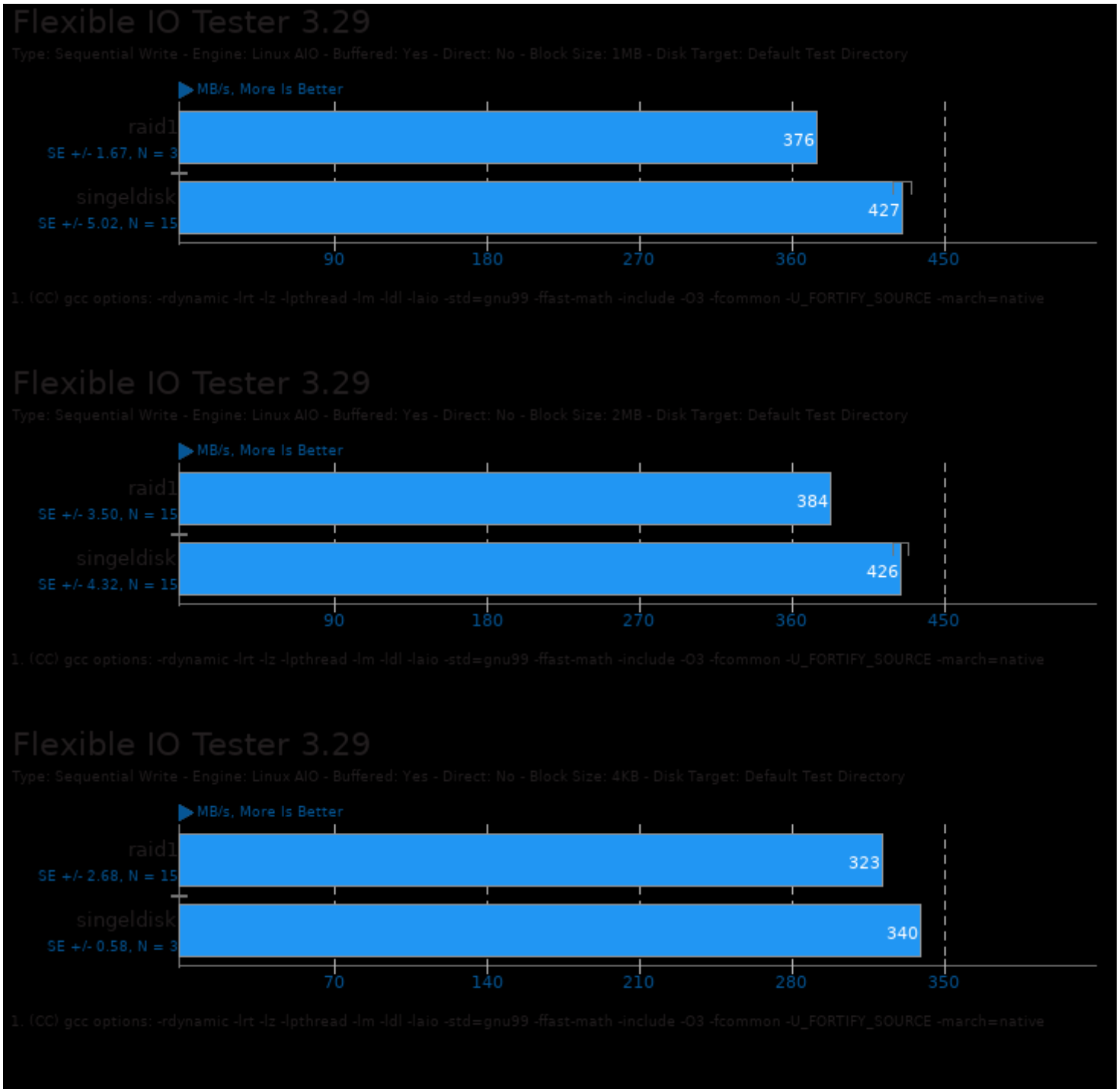
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 20.20, N = 3
2175
singeldisk
441
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 9.00, N = 3
2512
singeldisk
441
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 23.85, N = 3
2527
singeldisk
441
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

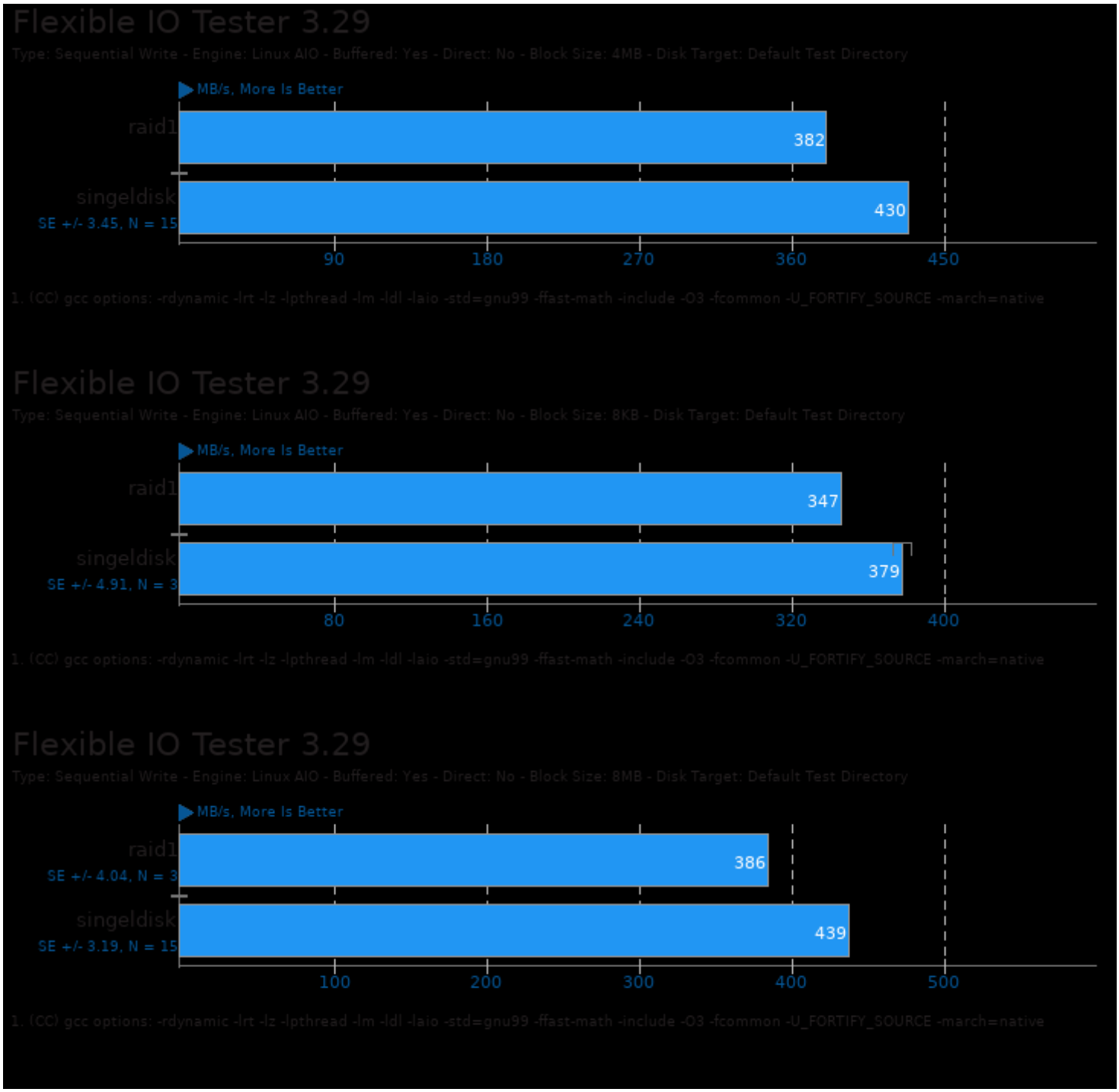
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.48, N = 3
1723
singeldisk
440
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 0.88, N = 3
1863
singeldisk
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 15.50, N = 3
2040
singeldisk
442
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

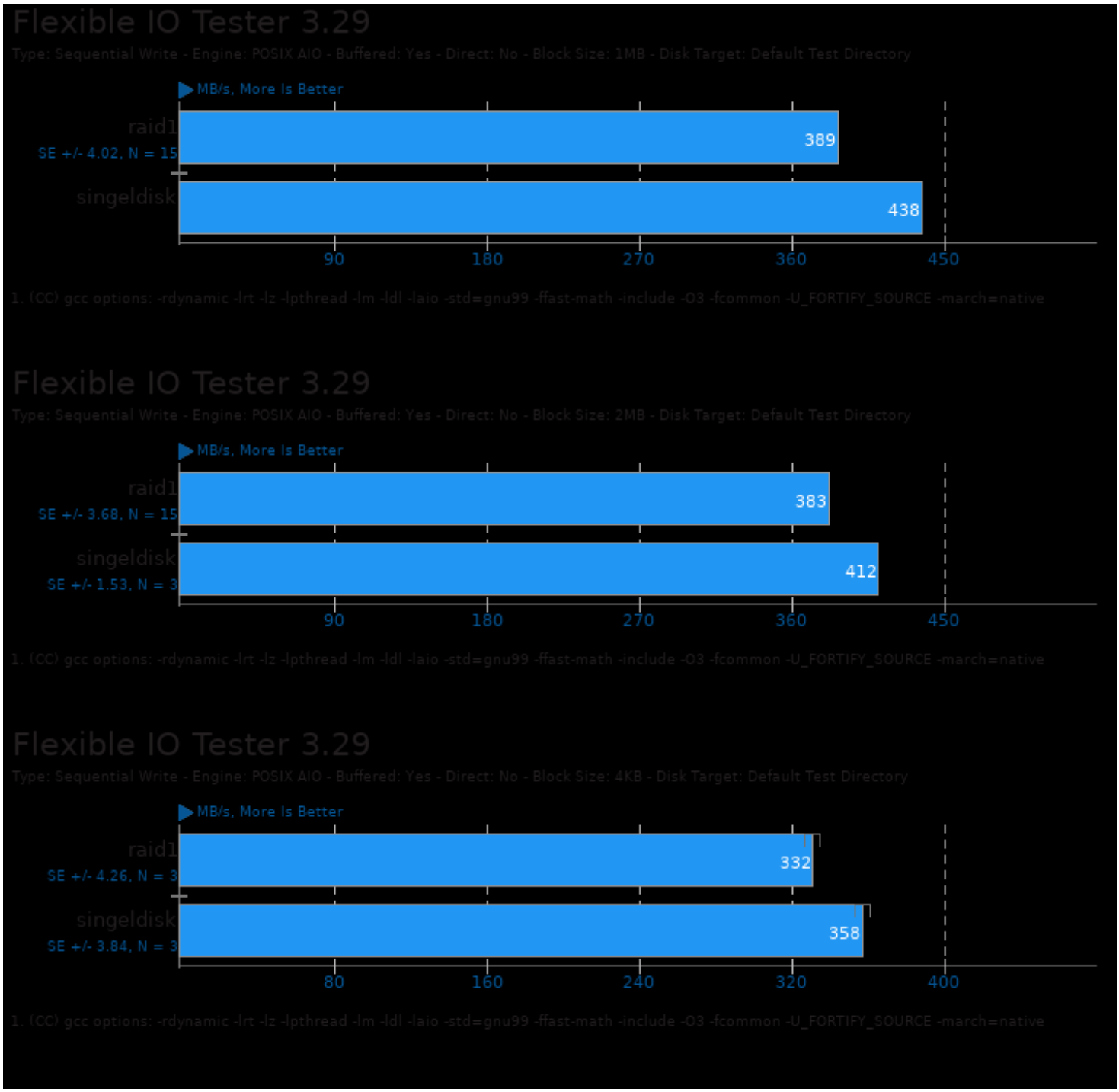
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.67, N = 3
376
singeldisk
SE +/- 5.02, N = 15
427
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.50, N = 15
384
singeldisk
SE +/- 4.32, N = 15
426
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.68, N = 15
323
singeldisk
SE +/- 0.58, N = 3
340
70
140
210
280
350
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

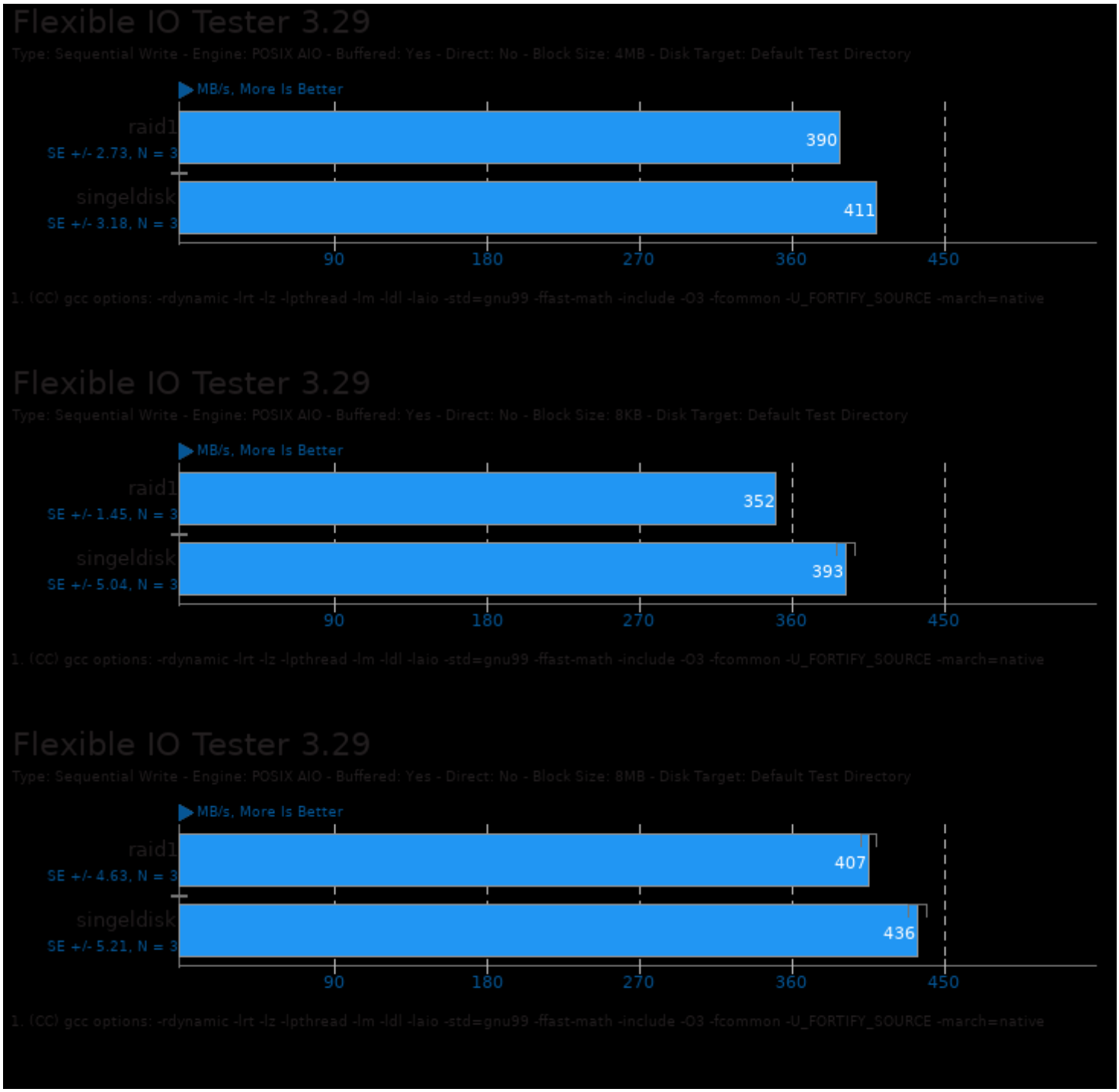
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
382
singeldisk
430
SE +/- 3.45, N = 15
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
347
singeldisk
379
SE +/- 4.91, N = 3
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.04, N = 3
386
singeldisk
SE +/- 3.19, N = 15
439
100
200
300
400
500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

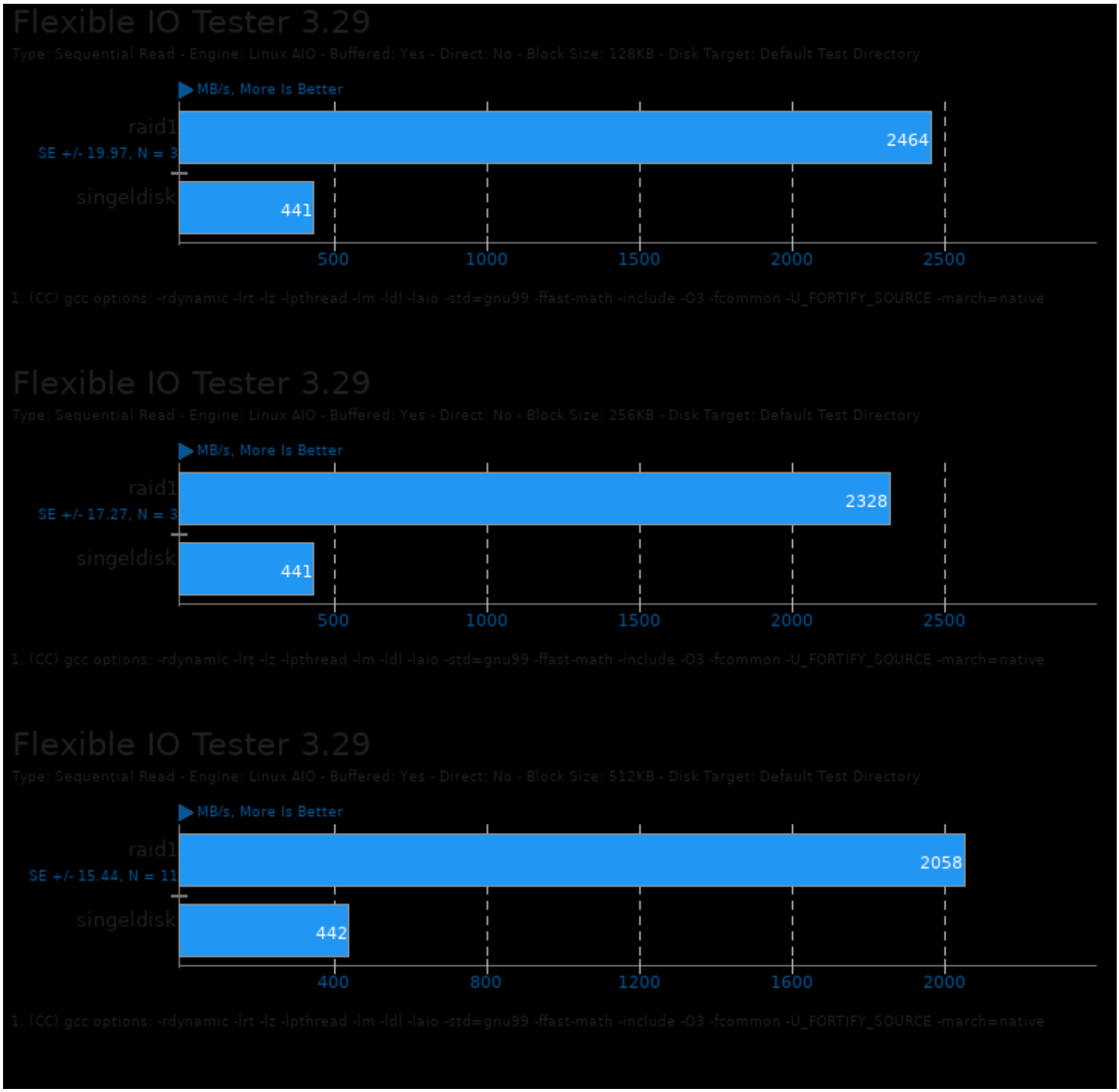
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 1MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.02, N = 15
389
singeldisk
438
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 2MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.68, N = 15
383
singeldisk
SE +/- 1.53, N = 3
412
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.26, N = 3
332
singeldisk
SE +/- 3.84, N = 3
358
80
160
240
320
400
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

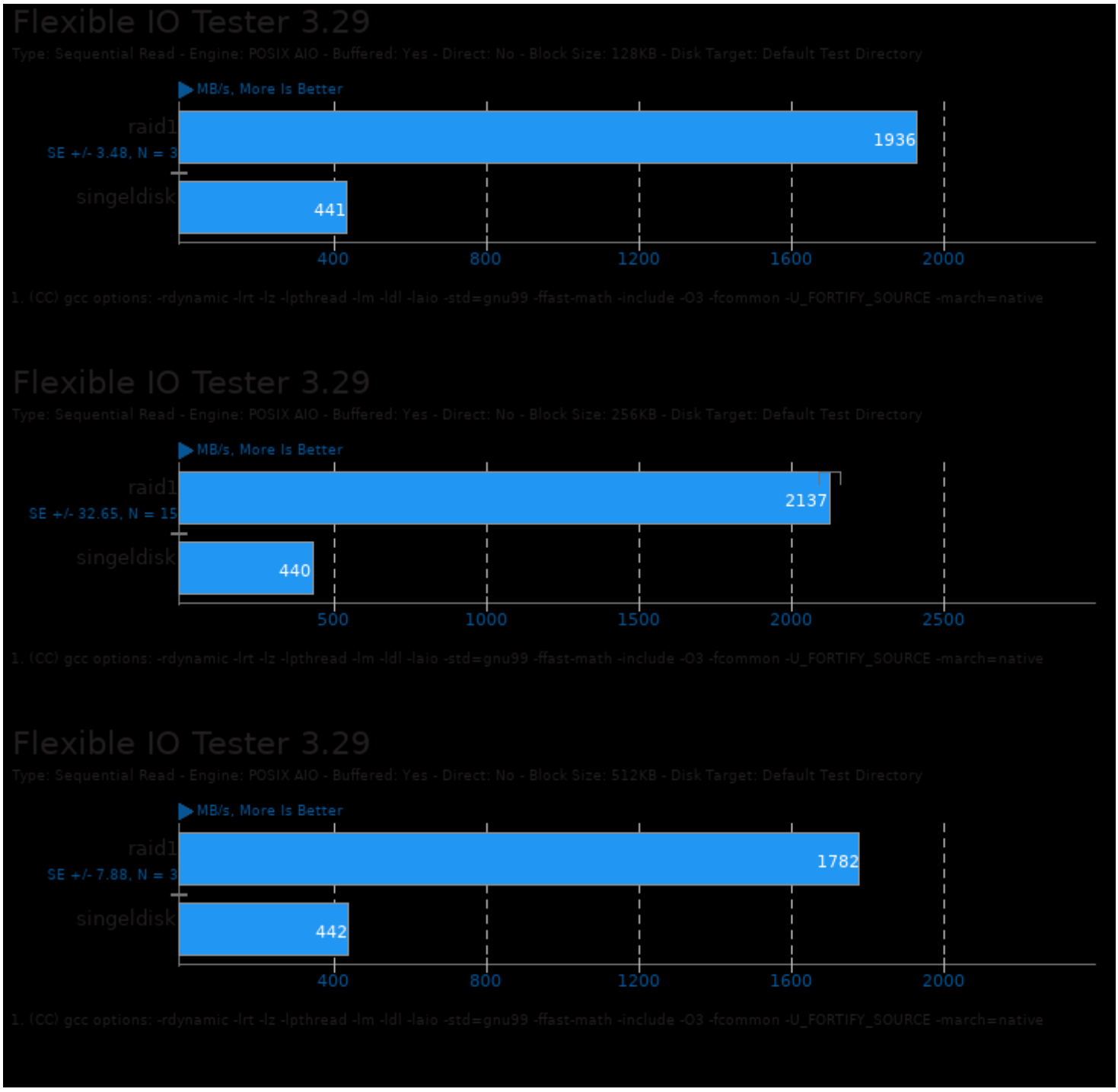
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.73, N = 3
390
singeldisk
SE +/- 3.18, N = 3
411
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.45, N = 3
352
singeldisk
SE +/- 5.04, N = 3
393
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.63, N = 3
407
singeldisk
SE +/- 5.21, N = 3
436
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

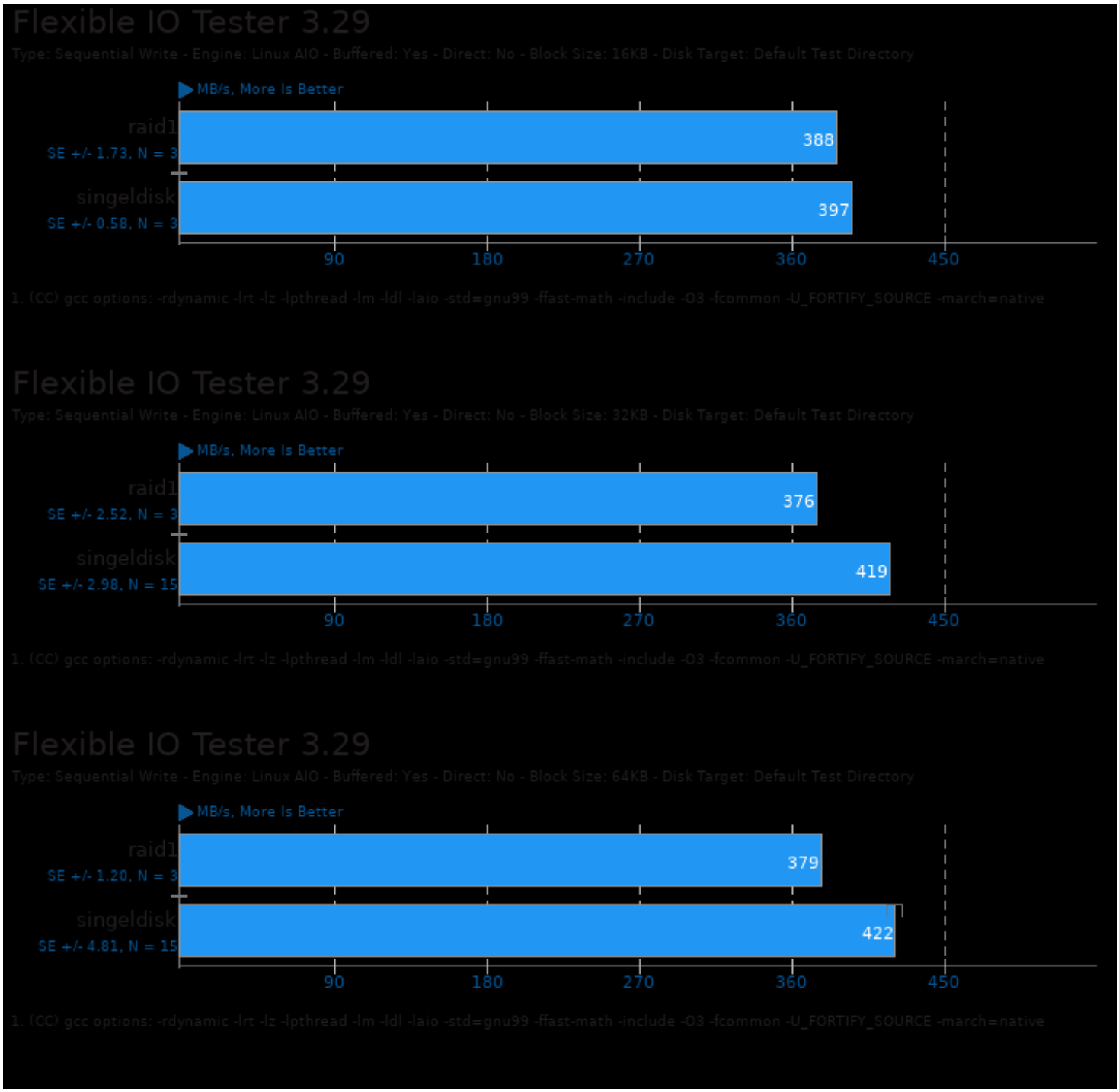
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 19.97, N = 3
2464
singeldisk
441
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 17.27, N = 3
2328
singeldisk
441
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 15.44, N = 11
2058
singeldisk
442
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

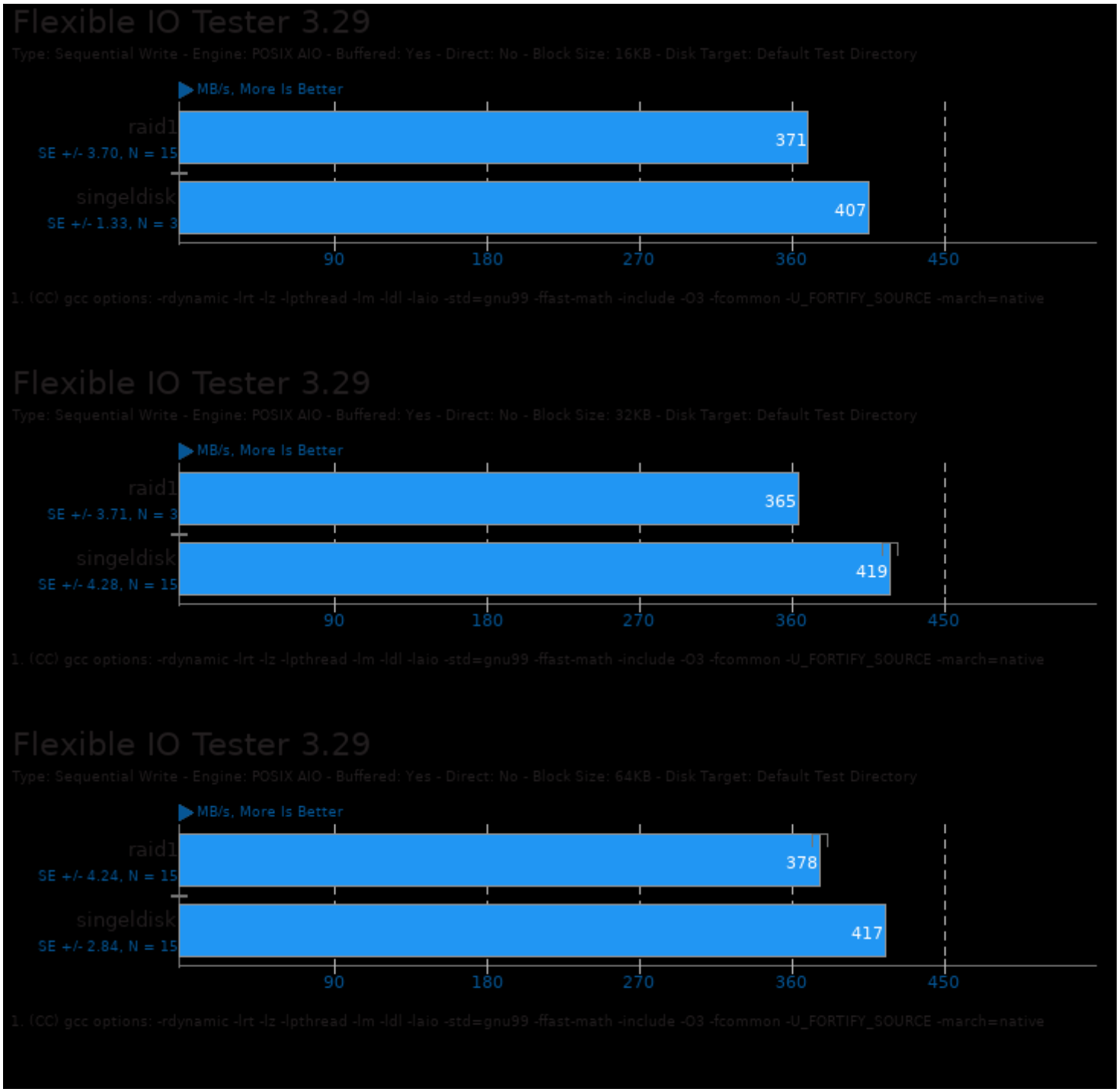
disktest1


Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.48, N = 3
singeldisk
1936
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 32.65, N = 15
singeldisk
2137
440
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Read - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 7.88, N = 3
singeldisk
1782
442
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

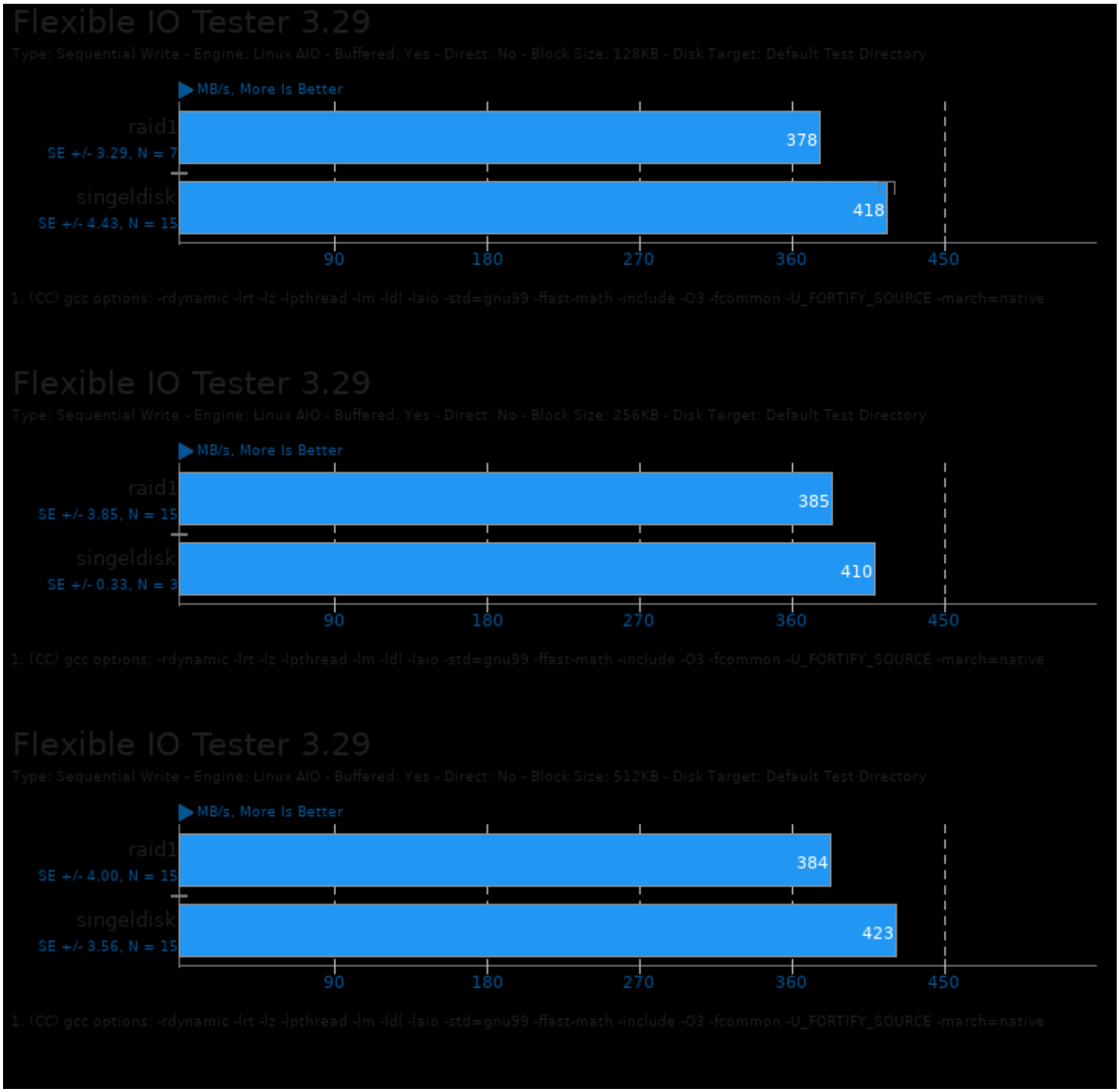
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.73, N = 3
388
singeldisk
SE +/- 0.58, N = 3
397
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.52, N = 3
376
singeldisk
SE +/- 2.98, N = 15
419
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 1.20, N = 3
379
singeldisk
SE +/- 4.81, N = 15
422
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

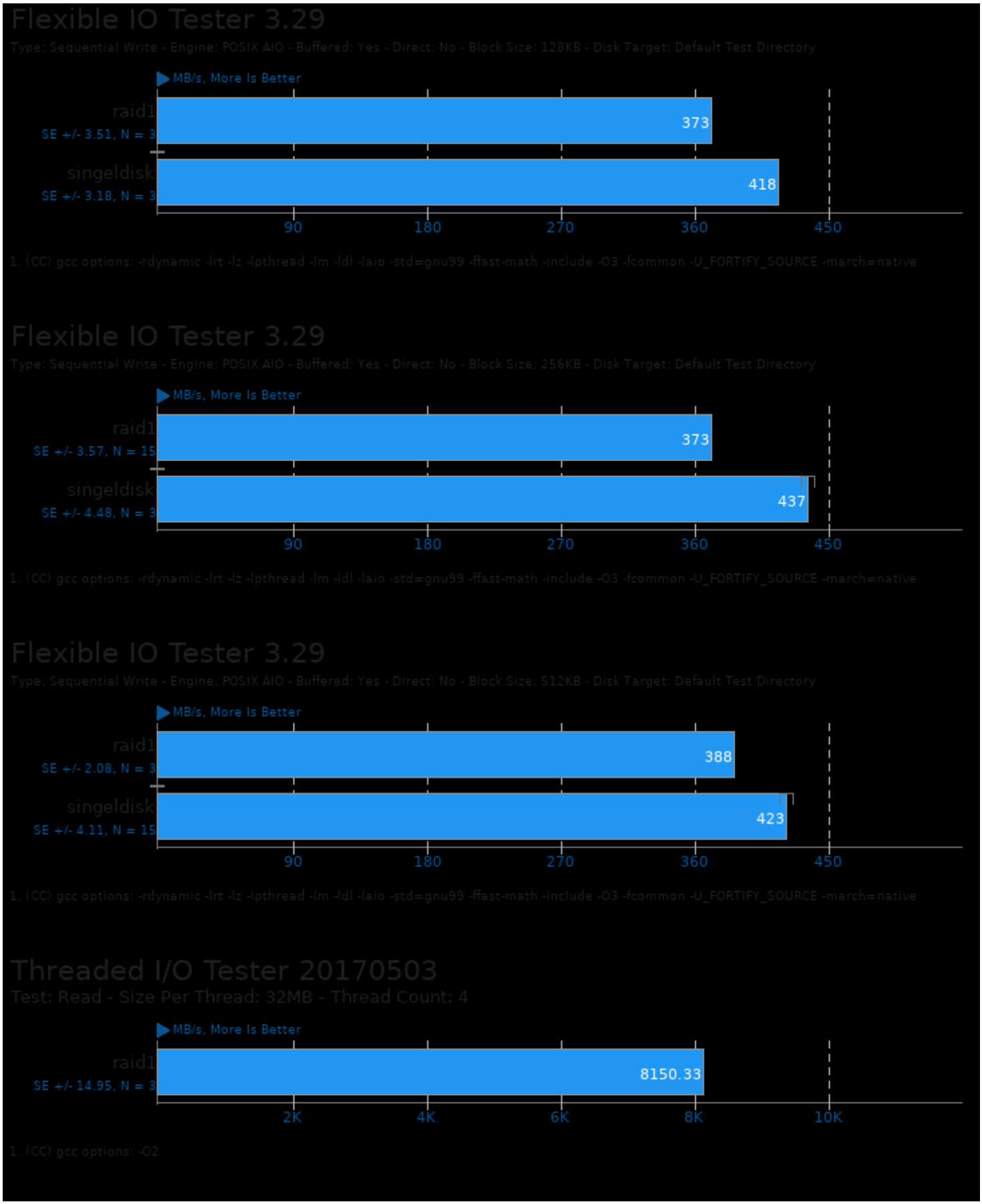
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.70, N = 15
371
singeldisk
SE +/- 1.33, N = 3
407
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.71, N = 3
365
singeldisk
SE +/- 4.28, N = 15
419
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.24, N = 15
378
singeldisk
SE +/- 2.84, N = 15
417
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

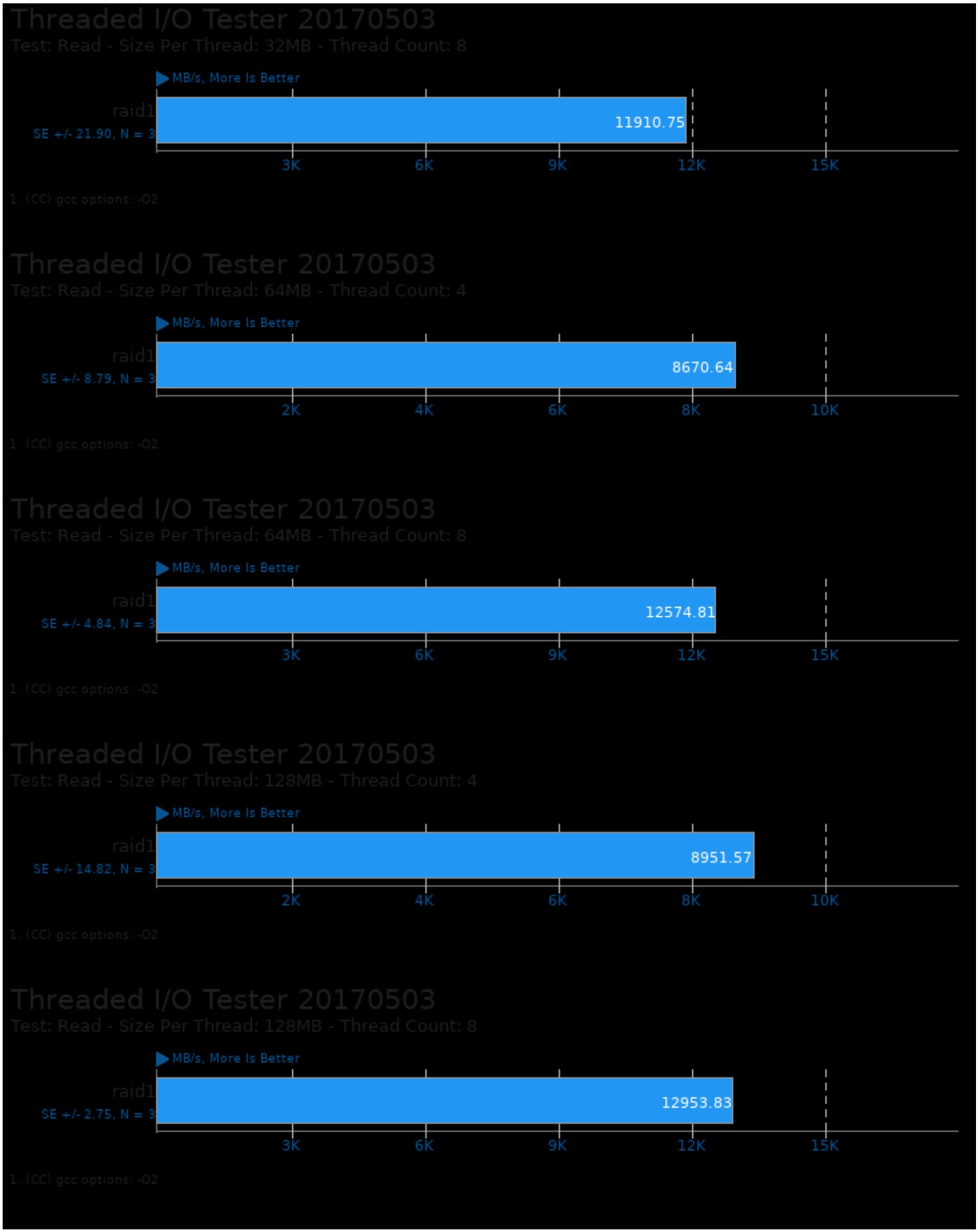
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.29, N = 7
378
singeldisk
SE +/- 4.43, N = 15
418
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.85, N = 15
385
singeldisk
SE +/- 0.33, N = 3
410
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 4.00, N = 15
384
singeldisk
SE +/- 3.56, N = 15
423
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native

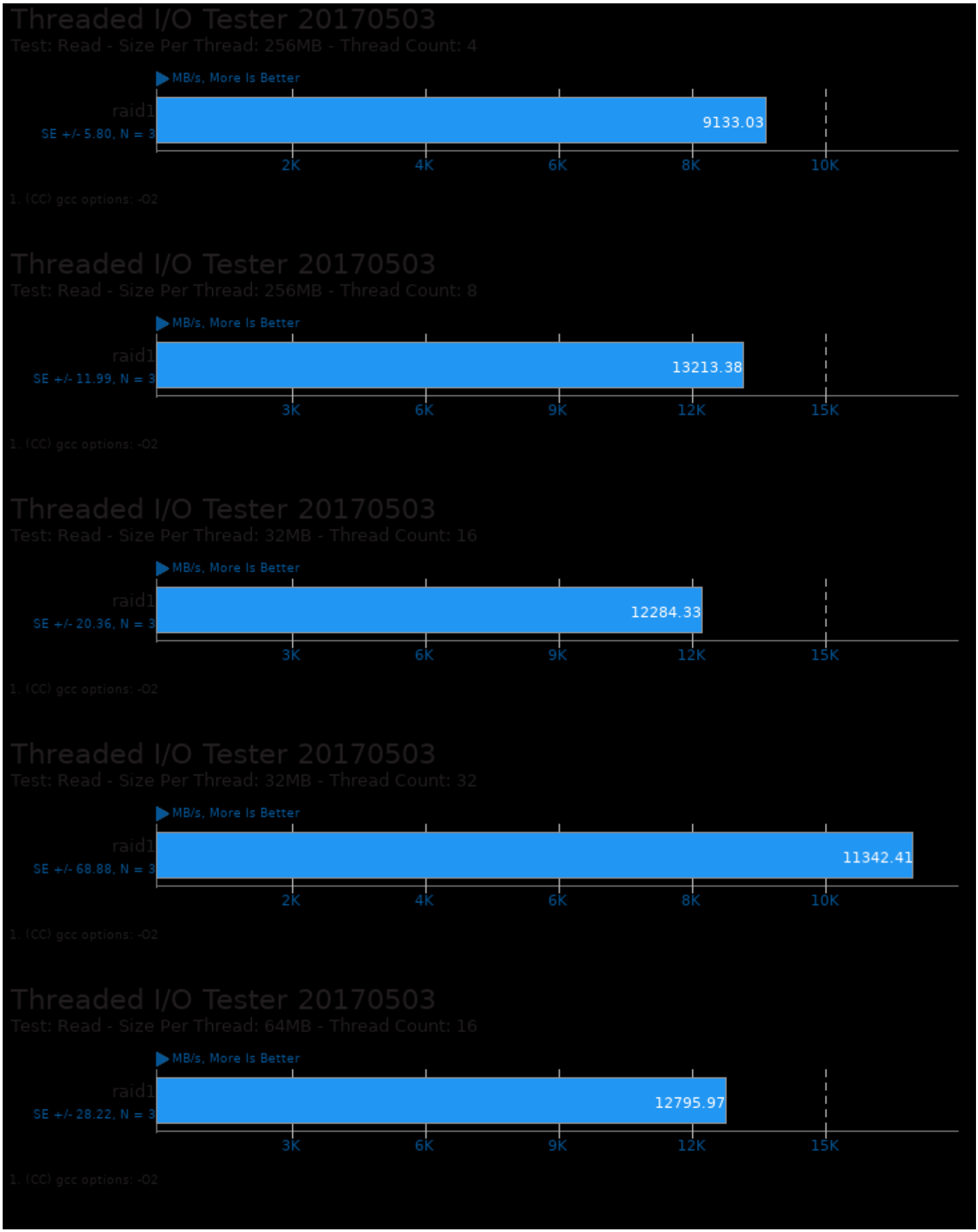
disktest1


Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.51, N = 3
373
singeldisk
SE +/- 3.18, N = 3
418
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 3.57, N = 15
373
singeldisk
SE +/- 4.48, N = 3
437
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Flexible IO Tester 3.29
Type: Sequential Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 512KB - Disk Target: Default Test Directory
MB/s, More Is Better
raid1
SE +/- 2.08, N = 3
388
singeldisk
SE +/- 4.11, N = 15
423
90
180
270
360
450
1. (CC) gcc options: -rdynamic -lrt -lz -lpthread -lm -ldl -laio -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 32MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 14.95, N = 3
8150.33
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2

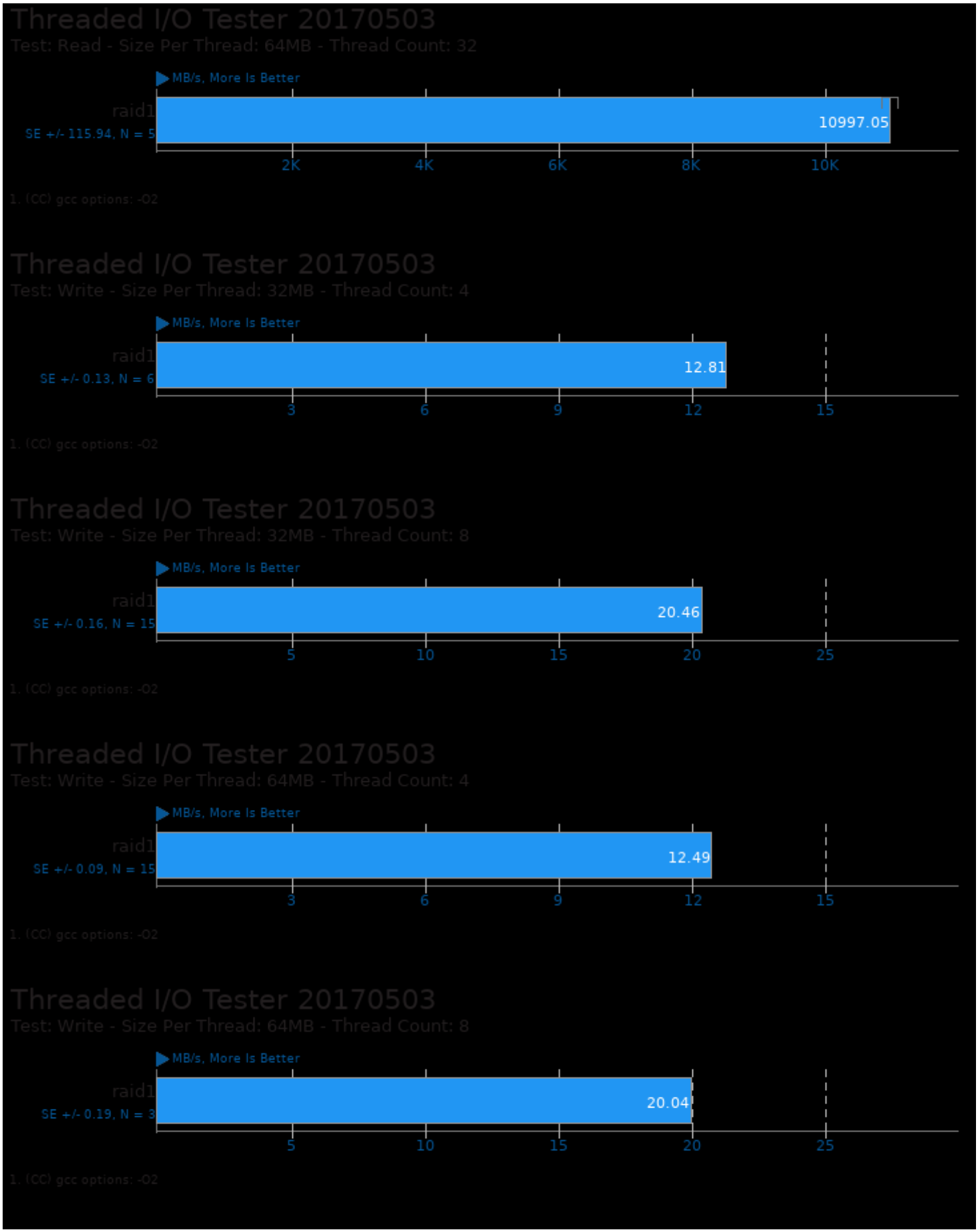
disktest1


Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 32MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 21.90, N = 3
11910.75
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 64MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 8.79, N = 3
8670.64
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 64MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 4.84, N = 3
12574.81
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 128MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 14.82, N = 3
8951.57
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 128MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 2.75, N = 3
12953.83
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2

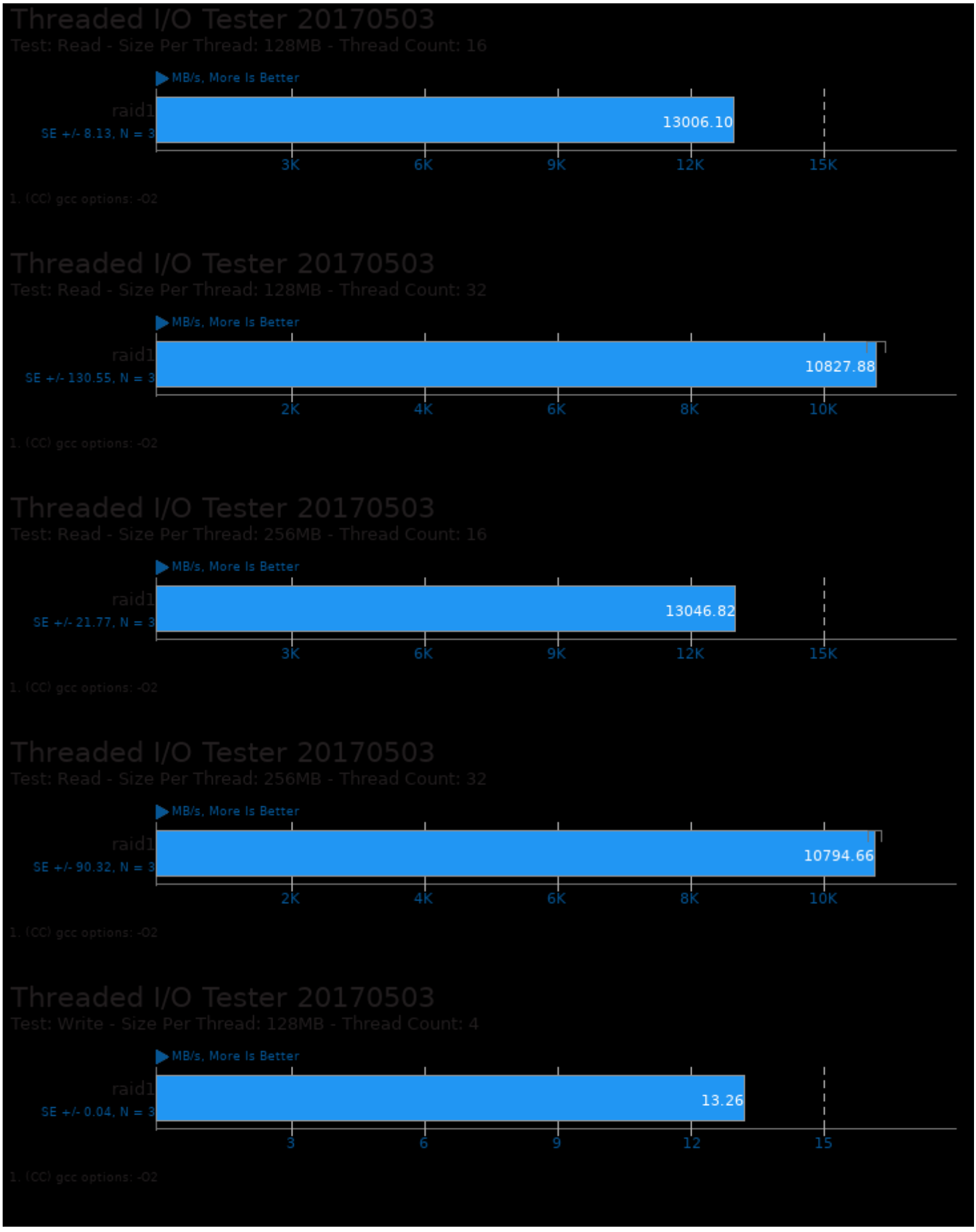
disktest1


Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 256MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 5.80, N = 3
9133.03
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 256MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 11.99, N = 3
13213.38
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 32MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 20.36, N = 3
12284.33
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 32MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 68.88, N = 3
11342.41
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 64MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 28.22, N = 3
12795.97
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2

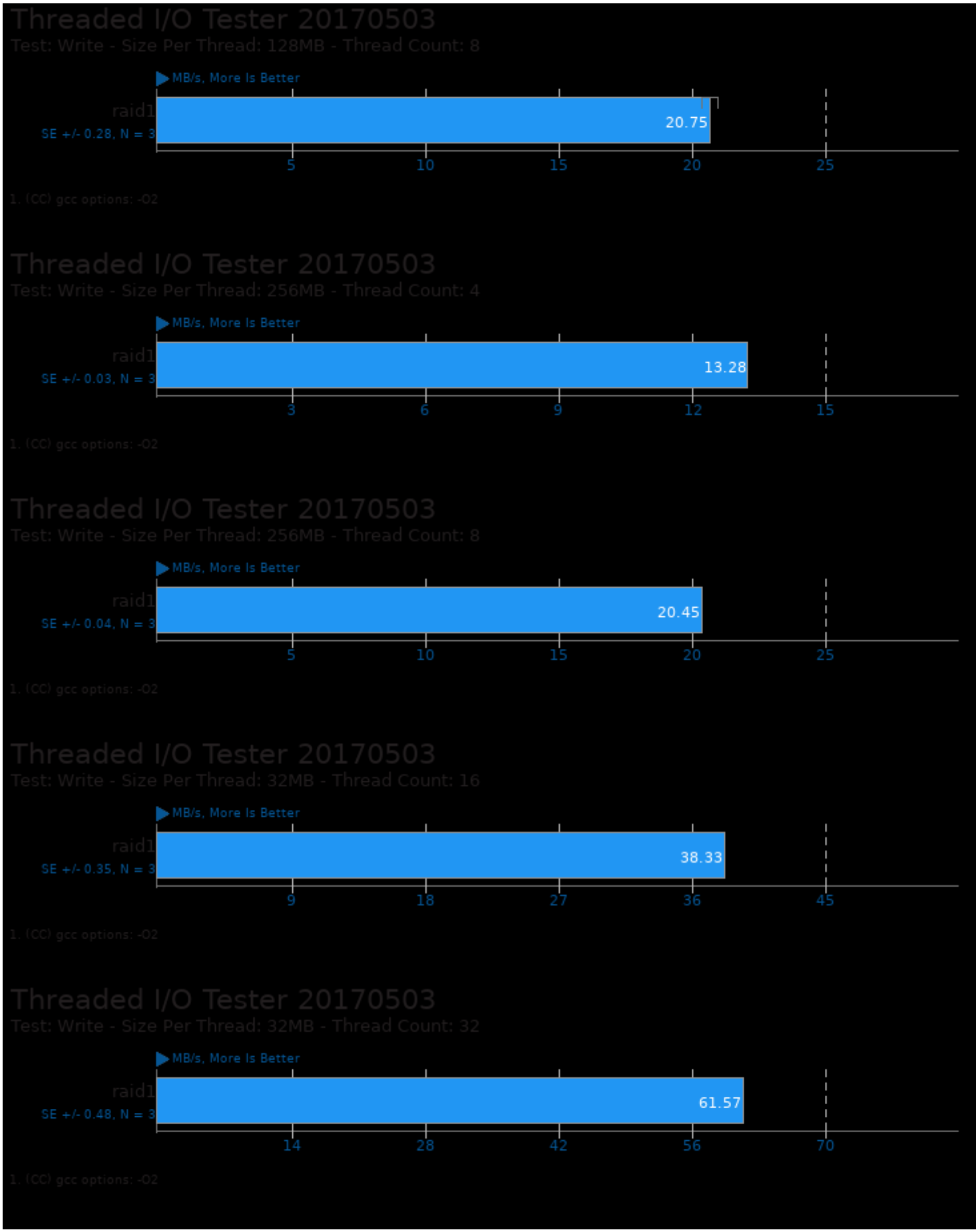
disktest1


Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 64MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 115.94, N = 5
10997.05
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 32MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 0.13, N = 6
12.81
3
6
9
12
15
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 32MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 0.16, N = 15
20.46
5
10
15
20
25
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 64MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 0.09, N = 15
12.49
3
6
9
12
15
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 64MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 0.19, N = 3
20.04
5
10
15
20
25
1. (CC) gcc options: -O2

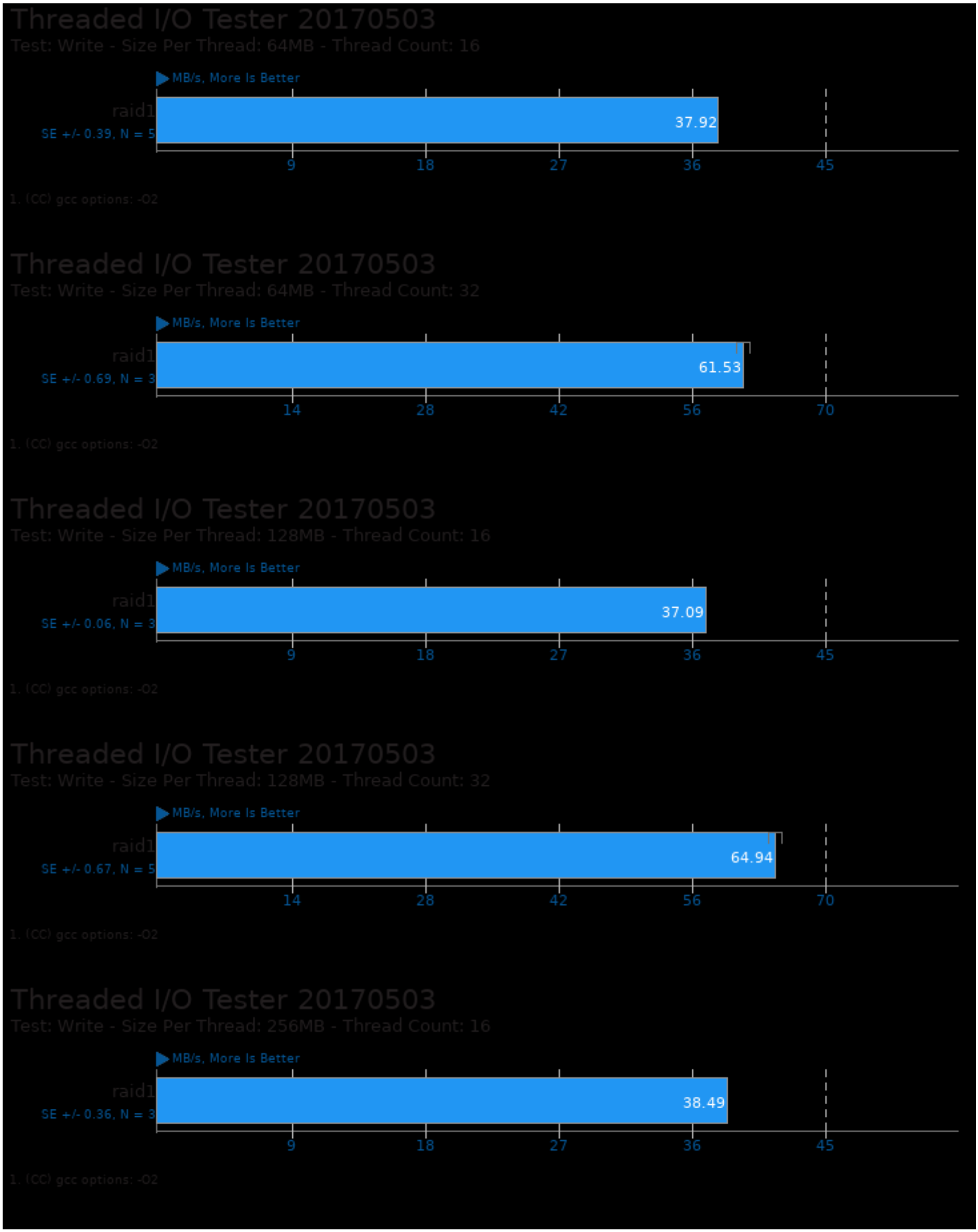
disktest1


Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 128MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 8.13, N = 3
13006.10
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 128MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 130.55, N = 3
10827.88
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 256MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 21.77, N = 3
13046.82
3K
6K
9K
12K
15K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Read - Size Per Thread: 256MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 90.32, N = 3
10794.66
2K
4K
6K
8K
10K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 128MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 0.04, N = 3
13.26
3
6
9
12
15
1. (CC) gcc options: -O2

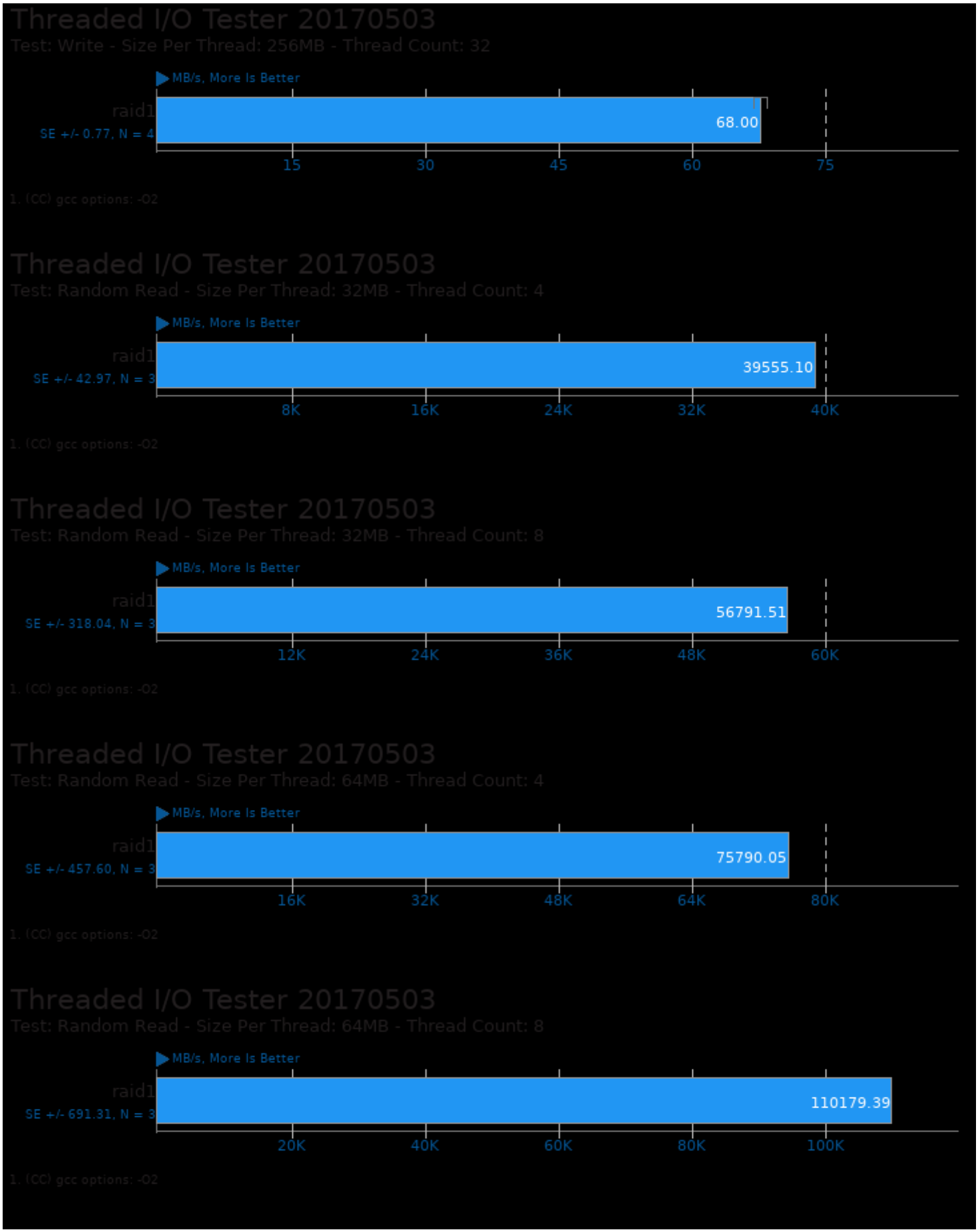
disktest1


Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 128MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 0.28, N = 3
20.75
5
10
15
20
25
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 256MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 0.03, N = 3
13.28
3
6
9
12
15
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 256MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 0.04, N = 3
20.45
5
10
15
20
25
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 32MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 0.35, N = 3
38.33
9
18
27
36
45
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 32MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 0.48, N = 3
61.57
14
28
42
56
70
1. (CC) gcc options: -O2

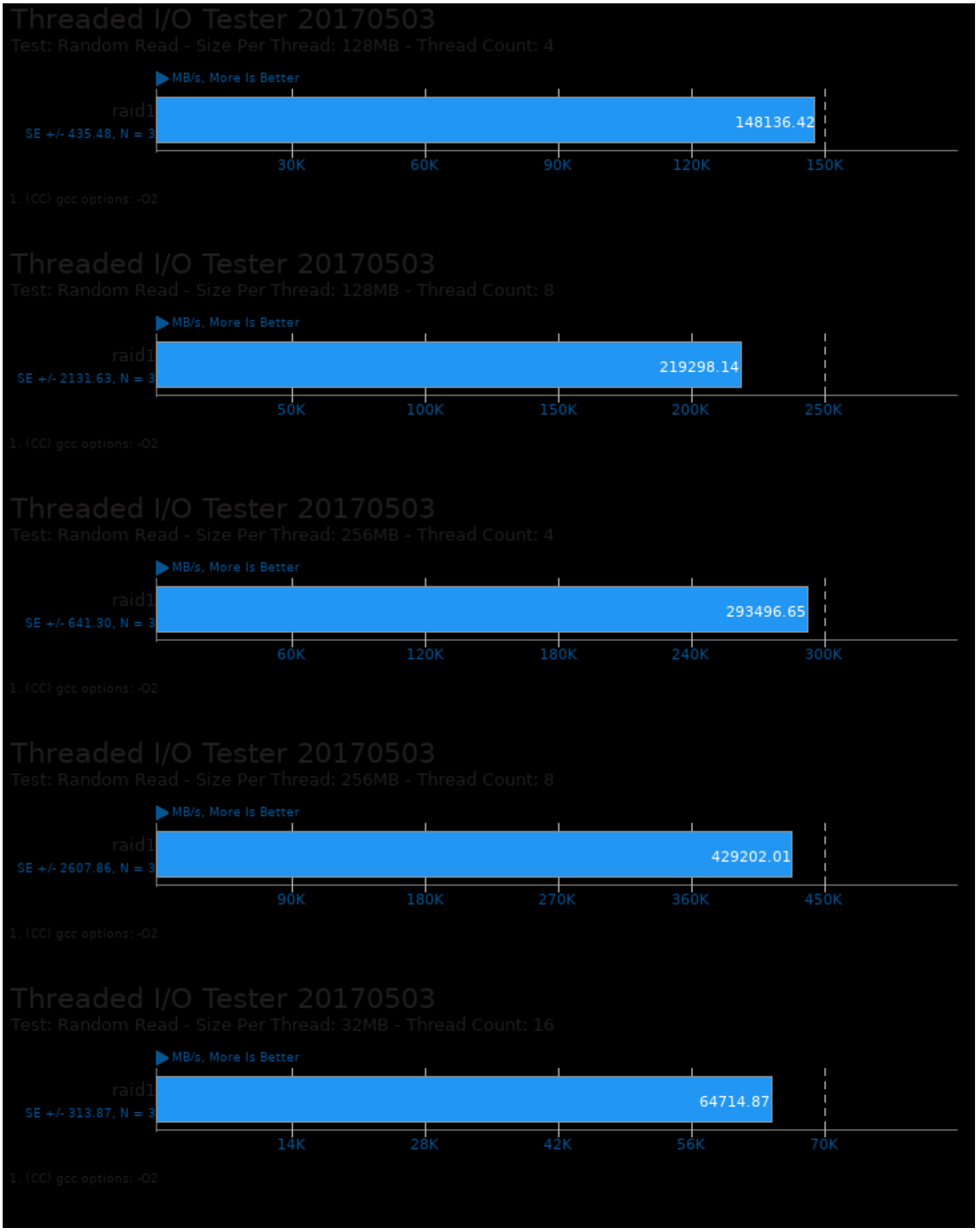
disktest1


Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 64MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 0.39, N = 5
37.92
9
18
27
36
45
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 64MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 0.69, N = 3
61.53
14
28
42
56
70
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 128MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 0.06, N = 3
37.09
9
18
27
36
45
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 128MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 0.67, N = 5
64.94
14
28
42
56
70
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 256MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 0.36, N = 3
38.49
9
18
27
36
45
1. (CC) gcc options: -O2

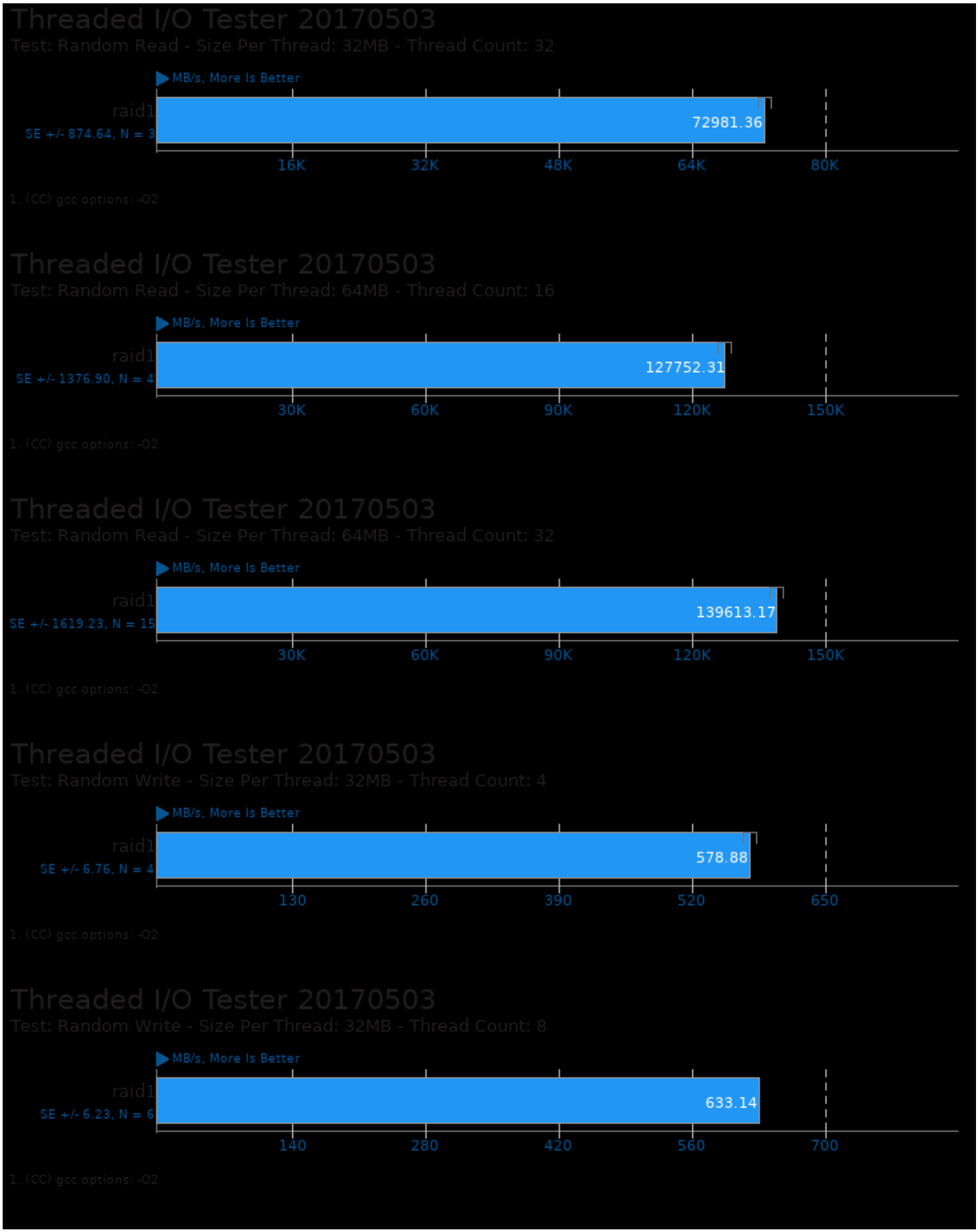
disktest1


Threaded I/O Tester 20170503
Test: Write - Size Per Thread: 256MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 0.77, N = 4
68.00
15
30
45
60
75
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 32MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 42.97, N = 3
39555.10
8K
16K
24K
32K
40K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 32MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 318.04, N = 3
56791.51
12K
24K
36K
48K
60K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 64MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 457.60, N = 3
75790.05
16K
32K
48K
64K
80K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 64MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 691.31, N = 3
110179.39
20K
40K
60K
80K
100K
1. (CC) gcc options: -O2

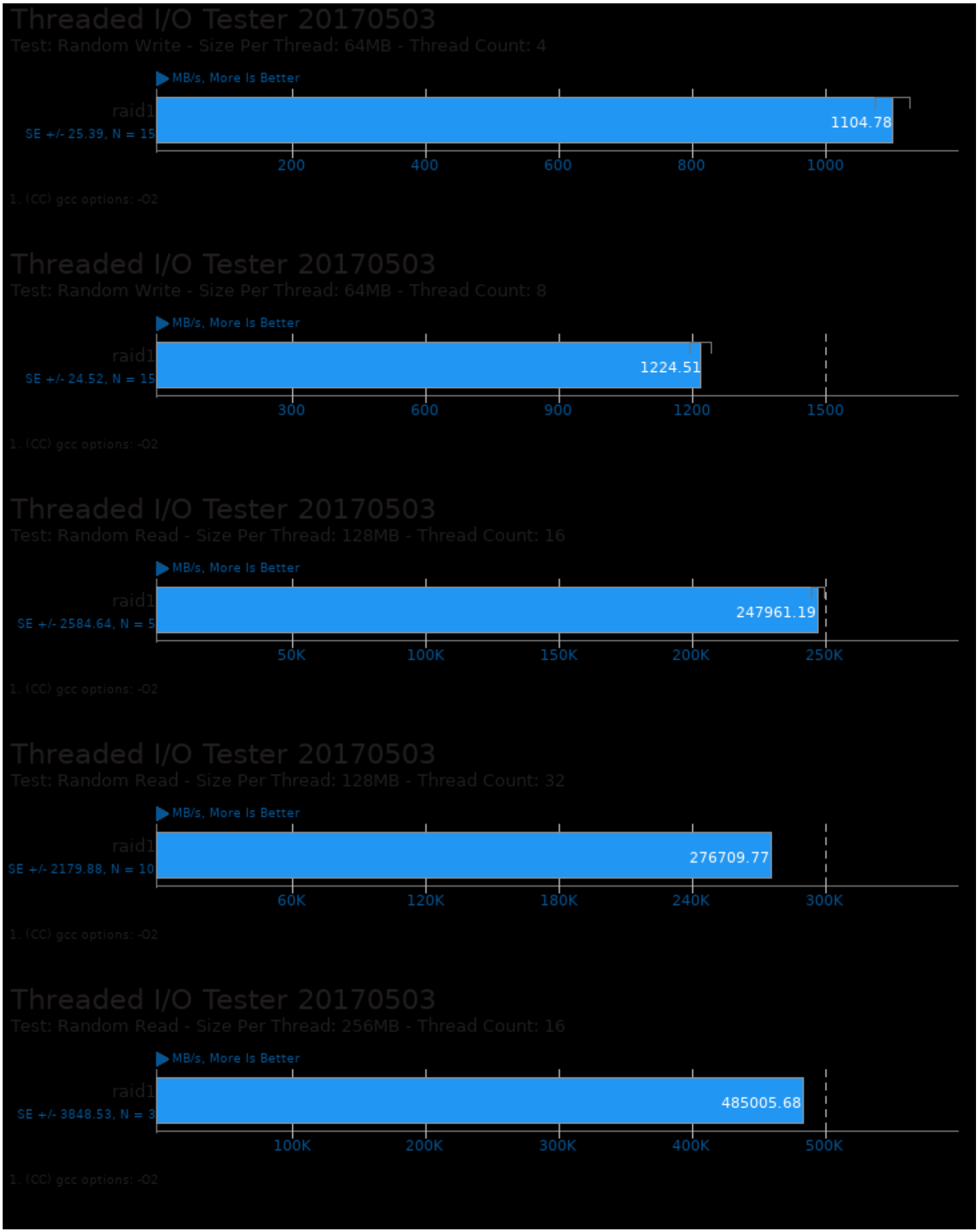
disktest1


Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 128MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 435.48, N = 3
148136.42
30K
60K
90K
120K
150K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 128MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 2131.63, N = 3
219298.14
50K
100K
150K
200K
250K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 256MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 641.30, N = 3
293496.65
60K
120K
180K
240K
300K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 256MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 2607.86, N = 3
429202.01
90K
180K
270K
360K
450K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 32MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 313.87, N = 3
64714.87
14K
28K
42K
56K
70K
1. (CC) gcc options: -O2

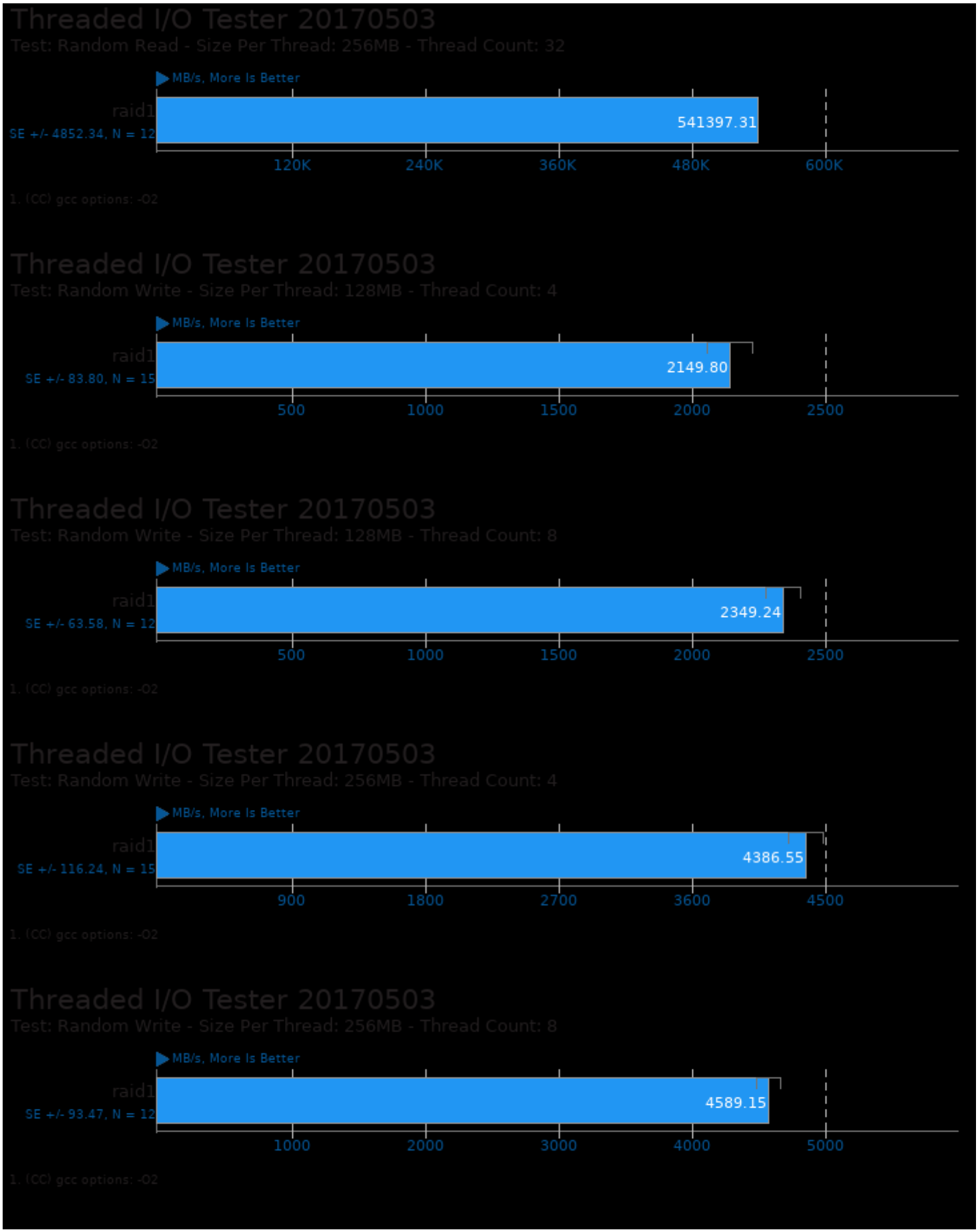
disktest1


Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 32MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 874.64, N = 3
72981.36
16K
32K
48K
64K
80K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 64MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 1376.90, N = 4
127752.31
30K
60K
90K
120K
150K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 64MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 1619.23, N = 15
139613.17
30K
60K
90K
120K
150K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 32MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 6.76, N = 4
578.88
130
260
390
520
650
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 32MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 6.23, N = 6
633.14
140
280
420
560
700
1. (CC) gcc options: -O2

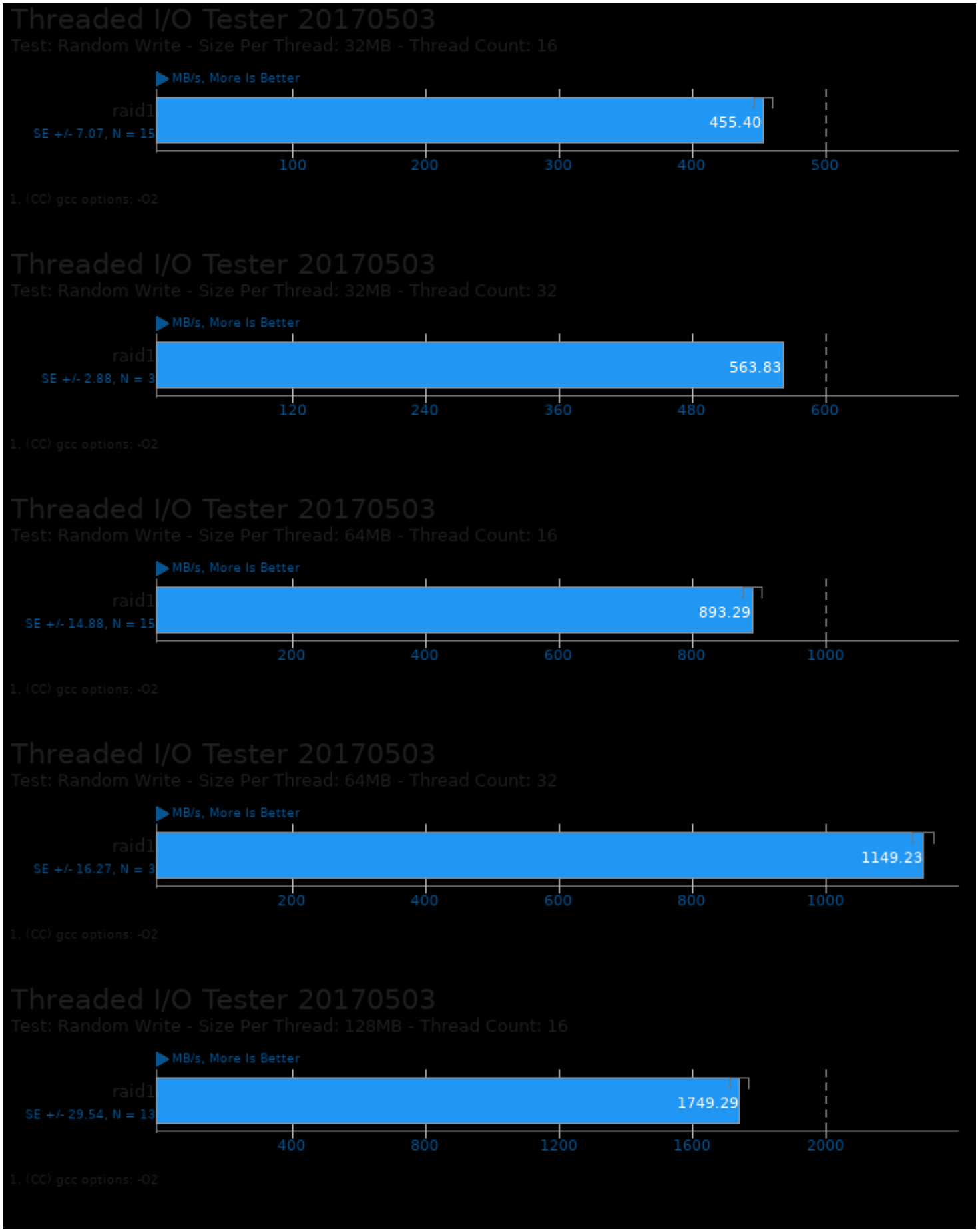
disktest1


Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 64MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 25.39, N = 15
1104.78
200
400
600
800
1000
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 64MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 24.52, N = 15
1224.51
300
600
900
1200
1500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 128MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 2584.64, N = 5
247961.19
50K
100K
150K
200K
250K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 128MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 2179.88, N = 10
276709.77
60K
120K
180K
240K
300K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 256MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 3848.53, N = 3
485005.68
100K
200K
300K
400K
500K
1. (CC) gcc options: -O2

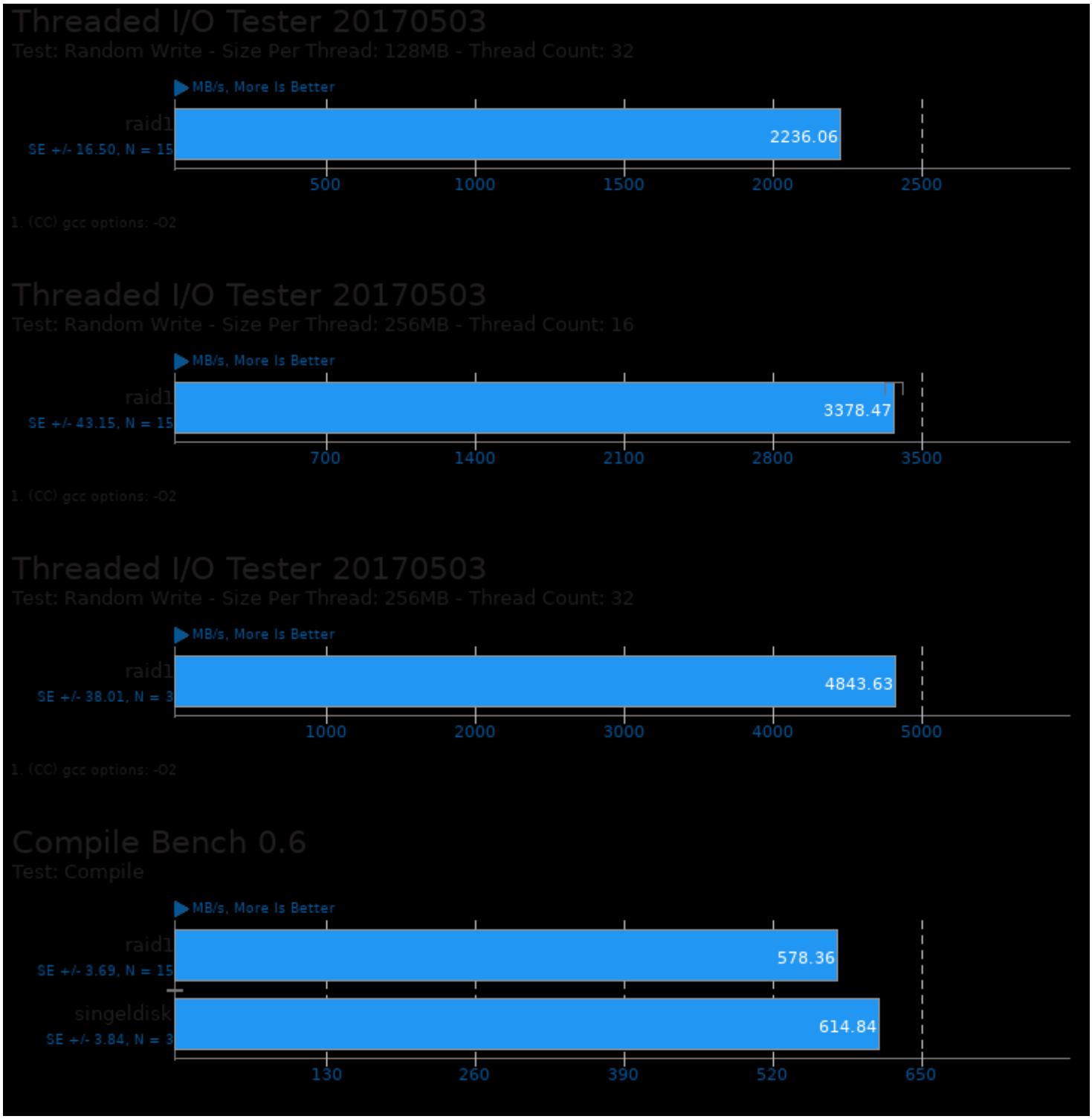
disktest1


Threaded I/O Tester 20170503
Test: Random Read - Size Per Thread: 256MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 4852.34, N = 12
541397.31
120K
240K
360K
480K
600K
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 128MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 83.80, N = 15
2149.80
500
1000
1500
2000
2500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 128MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 63.58, N = 12
2349.24
500
1000
1500
2000
2500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 256MB - Thread Count: 4
MB/s, More Is Better
raid1
SE +/- 116.24, N = 15
4386.55
900
1800
2700
3600
4500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 256MB - Thread Count: 8
MB/s, More Is Better
raid1
SE +/- 93.47, N = 12
4589.15
1000
2000
3000
4000
5000
1. (CC) gcc options: -O2

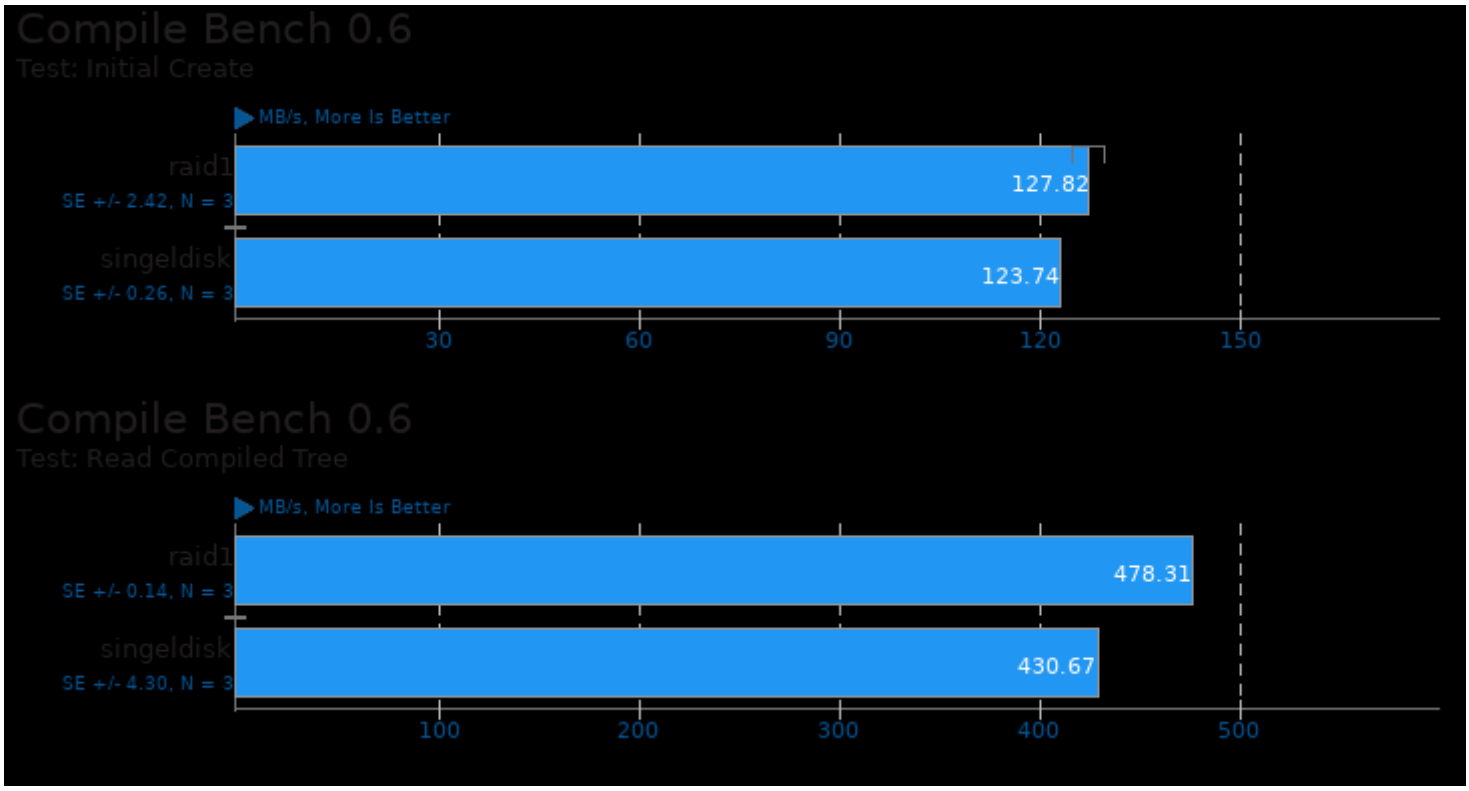
disktest1


Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 32MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 7.07, N = 15
455.40
100
200
300
400
500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 32MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 2.88, N = 3
563.83
120
240
360
480
600
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 64MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 14.88, N = 15
893.29
200
400
600
800
1000
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 64MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 16.27, N = 3
1149.23
200
400
600
800
1000
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 128MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 29.54, N = 13
1749.29
400
800
1200
1600
2000
1. (CC) gcc options: -O2

disktest1

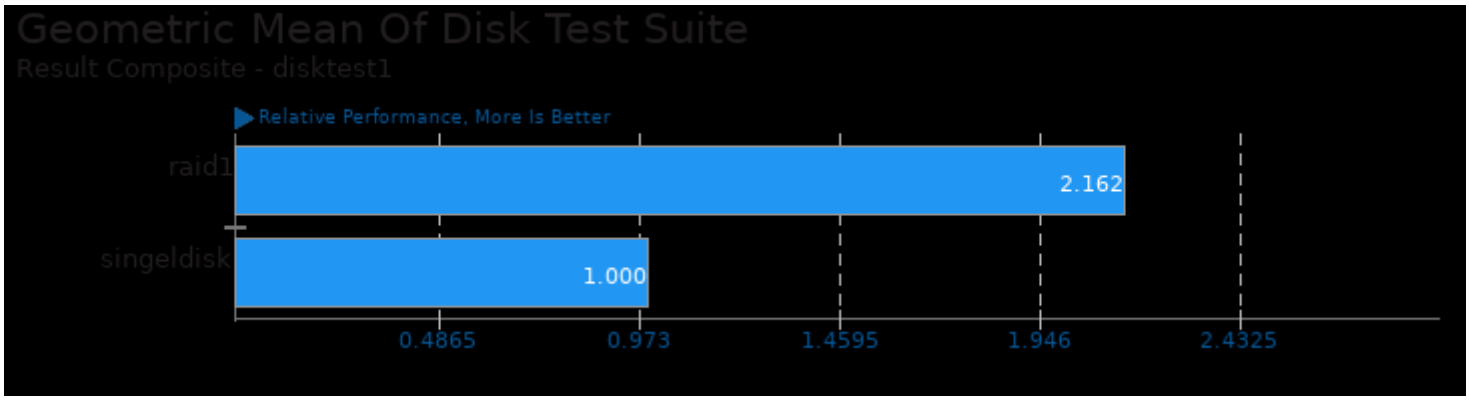

Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 128MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 16.50, N = 15
2236.06
500
1000
1500
2000
2500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 256MB - Thread Count: 16
MB/s, More Is Better
raid1
SE +/- 43.15, N = 15
3378.47
700
1400
2100
2800
3500
1. (CC) gcc options: -O2
Threaded I/O Tester 20170503
Test: Random Write - Size Per Thread: 256MB - Thread Count: 32
MB/s, More Is Better
raid1
SE +/- 38.01, N = 3
4843.63
1000
2000
3000
4000
5000
1. (CC) gcc options: -O2
Compile Bench 0.6
Test: Compile
MB/s, More Is Better
raid1
SE +/- 3.69, N = 15
578.36
singeldisk
SE +/- 3.84, N = 3
614.84
130
260
390
520
650

disktest1


Compile Bench 0.6
Test: Initial Create
MB/s, More Is Better
raid1
SE +/- 2.42, N = 3
127.82
singeldisk
SE +/- 0.26, N = 3
123.74
30
60
90
120
150
Compile Bench 0.6
Test: Read Compiled Tree
MB/s, More Is Better
raid1
SE +/- 0.14, N = 3
478.31
singeldisk
SE +/- 4.30, N = 3
430.67
100
200
300
400
500

disktest1

These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/compilebench and pts/fio

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 10:13.