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die-re-ct

VMware testing on CentOS Linux 7 via the Phoronix Test Suite.

Automated Executive Summary

fuck r3 ocf wb had the most wins, coming in first place for 87% of the tests.

Based on the geometric mean of all complete results, the fastest (fuck r3 ocf wb) was 3.716x the speed of the slowest (fuck r3 ocf wt). fuck r3 was 0.304x the speed of fuck r3 ocf wb and fuck r3 ocf wt was 0.886x the speed of fuck r3.

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

Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /) at 11.115x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /) at 10.848x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /) at 10.839x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /) at 10.832x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /) at 10.807x

Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /) at 10.786x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /) at 10.773x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /) at 10.719x
Flexible IO Tester (Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /) at 10.628x
Flexible IO Tester (Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /) at 10.61x.

Test Systems:

fuck r3

fuck r3 ocf wb

fuck r3 ocf wt

Processor: 2 x Intel Xeon E5-2630 v4 (3 Cores), Motherboard: Intel 440BX (6.00 BIOS), Chipset: Intel 440BX/ZX/DX, Memory: 1 x 4096 MB DRAM, Disk: 2 x 21GB Virtual disk, Graphics: VMware SVGA II, Network: 2 x VMware VMXNET3

OS: CentOS Linux 7, Kernel: 3.10.0-1127.13.1.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: xfs, Screen Resolution: 1672x1254, System Layer: VMware

Compiler Notes: --build=x86_64-redhat-linux --disable-libgcj --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++,objc,obj-c++,java,fortran,ada,go,lto --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-linker-hash-style=gnu --with-tune=generic
Disk Notes: DEADLINE / attr2,inode64,noquota,relatime,rw
Processor Notes: CPU Microcode: 0xb00002a
Security Notes: itlb_multihit: vulnerable + l1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + 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: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown

	fuck r3	fuck r3 ocf wb	fuck r3 ocf wt
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 128KB - / (MB/s)	146	**276**	**112**
Normalized	52.9%	100%	40.58%
Standard Deviation	3%	2.7%	2.3%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 128KB - / (IOPS)	1170	**2206**	**892**
Normalized	53.04%	100%	40.44%
Standard Deviation	3.1%	2.7%	2.2%

Flexible IO Tester - Rand Write - Sync - Yes - Yes - 256KB - / (MB/s)	145	**283**	**124**
Normalized	51.24%	100%	43.82%
Standard Deviation	1.1%	0.4%	0.9%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 256KB - / (IOPS)	578	**1130**	**493**
Normalized	51.15%	100%	43.63%
Standard Deviation	0.9%	0.4%	0.9%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 4KB - / (MB/s)	**2.700**	**26.4**	2.713
Normalized	10.23%	100%	10.28%
Standard Deviation	2.6%	1.6%	2.2%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 4KB - / (IOPS)	**672**	**6745**	674
Normalized	9.96%	100%	9.99%
Standard Deviation	2.6%	1.6%	2.2%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 8KB - / (MB/s)	**5.347**	**54.5**	5.379
Normalized	9.81%	100%	9.87%
Standard Deviation	2.2%	2.6%	2.7%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 8KB - / (IOPS)	**665**	**6969**	669
Normalized	9.54%	100%	9.6%
Standard Deviation	2.2%	2.5%	2.7%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 4KB - / (MB/s)	2.749	**28.3**	**2.741**
Normalized	9.71%	100%	9.69%
Standard Deviation	1.5%	1.3%	1.9%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 4KB - / (IOPS)	684	**7236**	**682**
Normalized	9.45%	100%	9.43%
Standard Deviation	1.5%	1.2%	2%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 8KB - / (MB/s)	5.358	**55.5**	**5.289**
Normalized	9.65%	100%	9.53%
Standard Deviation	0.8%	1.2%	1.5%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 8KB - / (IOPS)	666	**7097**	**658**
Normalized	9.38%	100%	9.27%
Standard Deviation	0.8%	1.3%	1.6%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 16KB - / (MB/s)	**10.1**	**102**	**10.10**
Normalized	9.9%	100%	9.9%
Standard Deviation	0.6%		1%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 16KB - / (IOPS)	**641**	**6516**	642
Normalized	9.84%	100%	9.85%
Standard Deviation	0.5%	1%	
Flexible IO Tester - Rand Write - Linux AIO - No - No - 32KB - / (MB/s)	**18.2**	**186**	18.3
Normalized	9.78%	100%	9.84%
Standard Deviation	1.8%	3%	1.4%

Flexible IO Tester - Rand Write - Linux AIO - No - No - 32KB - / (IOPS)	**578**	**5960**	582
Normalized	9.7%	100%	9.77%
Standard Deviation	1.8%	2.9%	1.3%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 64KB - / (MB/s)	**33.4**	**244**	33.5
Normalized	13.69%	100%	13.73%
Standard Deviation	2.4%	1.3%	1.1%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 64KB - / (IOPS)	**530**	**3909**	532
Normalized	13.56%	100%	13.61%
Standard Deviation	2.5%	1.2%	1.2%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB - / (MB/s)	2.690	**27.0**	**2.668**
Normalized	9.96%	100%	9.88%
Standard Deviation	0.5%	1.1%	0.8%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB - / (IOPS)	669	**6911**	**663**
Normalized	9.68%	100%	9.59%
Standard Deviation	0.6%	1%	0.8%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 8KB - / (MB/s)	**5.237**	**54.1**	5.312
Normalized	9.68%	100%	9.82%
Standard Deviation	1.9%	0.5%	2.5%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 8KB - / (IOPS)	**651**	**6919**	660
Normalized	9.41%	100%	9.54%
Standard Deviation	1.9%	0.4%	2.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB - / (MB/s)	**23.5**	23.9	**25.6**
Normalized	91.8%	93.36%	100%
Standard Deviation	1.5%	2.9%	2.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB - / (IOPS)	**6013**	6114	**6566**
Normalized	91.58%	93.12%	100%
Standard Deviation	1.6%	2.9%	2.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 8KB - / (MB/s)	46.1	**44.9**	**49.0**
Normalized	94.08%	91.63%	100%
Standard Deviation	0.8%	2.2%	5.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 8KB - / (IOPS)	5902	**5745**	**6285**
Normalized	93.91%	91.41%	100%
Standard Deviation	0.9%	2.2%	5.6%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 16KB - / (MB/s)	**9.772**	**108**	9.92
Normalized	9.05%	100%	9.19%
Standard Deviation	6.9%		0.5%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 16KB - / (IOPS)	**621**	**6909**	631
Normalized	8.99%	100%	9.13%
Standard Deviation	7.5%	0.5%	0.5%

Flexible IO Tester - Rand Write - POSIX AIO - No - No - 32KB - / (MB/s)	18.8	**195**	**18.1**
Normalized	9.64%	100%	9.28%
Standard Deviation	1.9%	0.8%	1.9%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 32KB - / (IOPS)	597	**6254**	**577**
Normalized	9.55%	100%	9.23%
Standard Deviation	1.7%	0.7%	1.7%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 64KB - / (MB/s)	**33.3**	**244**	33.6
Normalized	13.65%	100%	13.77%
Standard Deviation	3%	0.8%	0.7%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 64KB - / (IOPS)	**530**	**3898**	534
Normalized	13.6%	100%	13.7%
Standard Deviation	3%	0.6%	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 4KB - / (MB/s)	2.707	**28.5**	**2.703**
Normalized	9.5%	100%	9.48%
Standard Deviation	1.3%	0.5%	1.3%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 4KB - / (IOPS)	673	**7290**	**672**
Normalized	9.23%	100%	9.22%
Standard Deviation	1.3%	0.5%	1.4%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 8KB - / (MB/s)	5.256	**55.7**	**5.154**
Normalized	9.44%	100%	9.25%
Standard Deviation	0.5%	0.5%	1.5%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 8KB - / (IOPS)	653	**7125**	**641**
Normalized	9.16%	100%	9%
Standard Deviation	0.5%	0.5%	1.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4KB - / (MB/s)	**30.7**	31.0	**32.5**
Normalized	94.46%	95.38%	100%
Standard Deviation	0.7%	1.3%	1.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 4KB - / (IOPS)	**7857**	7923	**8322**
Normalized	94.41%	95.21%	100%
Standard Deviation	0.8%	1.3%	1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 8KB - / (MB/s)	**57.2**	**59.2**	58.3
Normalized	96.62%	100%	98.48%
Standard Deviation	0.3%	0.8%	3.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 8KB - / (IOPS)	**7363**	**7575**	7471
Normalized	97.2%	100%	98.63%
Standard Deviation	0.6%		3.2%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 128KB - / (MB/s)	55.6	**242**	**55.5**
Normalized	22.98%	100%	22.93%
Standard Deviation	5.9%	2.4%	7.2%

Flexible IO Tester - Rand Write - Linux AIO - No - No - 128KB - / (IOPS)	442	**1928**	**441**
Normalized	22.93%	100%	22.87%
Standard Deviation	6.1%	2.3%	7.3%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 256KB - / (MB/s)	77.0	**240**	**75.9**
Normalized	32.08%	100%	31.63%
Standard Deviation	1%	1.7%	0.3%
Flexible IO Tester - Rand Write - Linux AIO - No - No - 256KB - / (IOPS)	304	**955**	**301**
Normalized	31.83%	100%	31.52%
Standard Deviation	1.1%	1.6%	
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 16KB - / (MB/s)	9.97	**103**	**9.84**
Normalized	9.68%	100%	9.55%
Standard Deviation	0.3%	2.4%	0.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 16KB - / (IOPS)	635	**6616**	**626**
Normalized	9.6%	100%	9.46%
Standard Deviation	0.3%	2.2%	0.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 32KB - / (MB/s)	18.6	**186**	**18.3**
Normalized	10%	100%	9.84%
Standard Deviation	0.3%	1.4%	3%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 32KB - / (IOPS)	591	**5958**	**583**
Normalized	9.92%	100%	9.79%
Standard Deviation	0.3%	1.2%	
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 64KB - / (MB/s)	33.7	**239**	**33.5**
Normalized	14.1%	100%	14.02%
Standard Deviation	0.9%	1.3%	1.6%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 64KB - / (IOPS)	**535**	**3830**	538
Normalized	13.97%	100%	14.05%
Standard Deviation	1%	1.2%	1.1%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 16KB - / (MB/s)	80.3	**85.6**	**59.7**
Normalized	93.81%	100%	69.74%
Standard Deviation	17.6%	2.2%	3.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 16KB - / (IOPS)	5133	**5473**	**3824**
Normalized	93.79%	100%	69.87%
Standard Deviation	17.6%	2.2%	3.7%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 32KB - / (MB/s)	112	**146**	**62.7**
Normalized	76.71%	100%	42.95%
Standard Deviation	2.7%	1%	1.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 32KB - / (IOPS)	3580	**4682**	**2004**
Normalized	76.46%	100%	42.8%
Standard Deviation	2.6%	1.2%	1.8%

Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 64KB - / (MB/s)	116	**224**	**77.5**
Normalized	51.79%	100%	34.6%
Standard Deviation	0.9%	1.6%	0.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 64KB - / (IOPS)	1852	**3587**	**1236**
Normalized	51.63%	100%	34.46%
Standard Deviation	0.5%	1.7%	0.5%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4KB - / (MB/s)	**23.0**	23.7	**25.0**
Normalized	92%	94.8%	100%
Standard Deviation	5.2%	2.8%	1.7%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 4KB - / (IOPS)	**5878**	6051	**6399**
Normalized	91.86%	94.56%	100%
Standard Deviation	5.2%	2.8%	1.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 8KB - / (MB/s)	**43.8**	44.8	**47.5**
Normalized	92.21%	94.32%	100%
Standard Deviation	8.1%	0.6%	2.2%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 8KB - / (IOPS)	**5617**	5732	**6083**
Normalized	92.34%	94.23%	100%
Standard Deviation	8.1%	0.6%	2.2%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 128KB - / (MB/s)	**55.4**	**250**	56.6
Normalized	22.16%	100%	22.64%
Standard Deviation	4.7%	0.6%	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 128KB - / (IOPS)	**440**	**1992**	449
Normalized	22.09%	100%	22.54%
Standard Deviation	4.8%	0.5%	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 256KB - / (MB/s)	**74.3**	**246**	76.0
Normalized	30.2%	100%	30.89%
Standard Deviation	1.9%	1.9%	0.3%
Flexible IO Tester - Rand Write - POSIX AIO - No - No - 256KB - / (IOPS)	**293**	**980**	300
Normalized	29.9%	100%	30.61%
Standard Deviation	1.9%	1.9%	0.2%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 16KB - / (MB/s)	**9.982**	**107**	10.05
Normalized	9.33%	100%	9.39%
Standard Deviation	0.2%	1.6%	1.3%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 16KB - / (IOPS)	**631**	**6835**	640
Normalized	9.23%	100%	9.36%
Standard Deviation	1.7%	1.5%	1.4%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 32KB - / (MB/s)	18.9	**193**	**18.8**
Normalized	9.79%	100%	9.74%
Standard Deviation	1.9%	0.8%	0.8%

Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 32KB - / (IOPS)	601	**6170**	**599**
Normalized	9.74%	100%	9.71%
Standard Deviation	1.7%	0.9%	0.9%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 64KB - / (MB/s)	**32.8**	**240**	32.9
Normalized	13.67%	100%	13.71%
Standard Deviation	2.1%	2.5%	2.3%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 64KB - / (IOPS)	**526**	**3831**	528
Normalized	13.73%	100%	13.78%
Standard Deviation	0.5%	2.6%	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 16KB - / (MB/s)	103	**111**	**56.8**
Normalized	92.79%	100%	51.17%
Standard Deviation	1.7%	0.5%	11.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 16KB - / (IOPS)	6582	**7078**	**3639**
Normalized	92.99%	100%	51.41%
Standard Deviation	1.5%	0.6%	11.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 32KB - / (MB/s)	102.1	**193**	**62.4**
Normalized	52.9%	100%	32.33%
Standard Deviation	2.9%	0.9%	2.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 32KB - / (IOPS)	3265	**6172**	**1994**
Normalized	52.9%	100%	32.31%
Standard Deviation	2.9%	1%	2.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 64KB - / (MB/s)	114	**281**	**78.4**
Normalized	40.57%	100%	27.9%
Standard Deviation	1.3%		1.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 64KB - / (IOPS)	1810	**4494**	**1251**
Normalized	40.28%	100%	27.84%
Standard Deviation	1.4%	1%	1.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 4KB - / (MB/s)	**30.5**	31.3	**32.3**
Normalized	94.43%	96.9%	100%
Standard Deviation	2.9%	0.2%	0.9%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 4KB - / (IOPS)	**7839**	8020	**8364**
Normalized	93.72%	95.89%	100%
Standard Deviation	2.9%	0.2%	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 8KB - / (MB/s)	**59.8**	59.9	**60.1**
Normalized	99.5%	99.67%	100%
Standard Deviation	0.5%	0.5%	2.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 8KB - / (IOPS)	**7656**	7661	**7685**
Normalized	99.62%	99.69%	100%
Standard Deviation	0.5%	0.5%	2.7%

Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 128KB - / (MB/s)	56.4	**250**	**56.2**
Normalized	22.56%	100%	22.48%
Standard Deviation	2.3%	0.8%	3%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 128KB - / (IOPS)	450	**1994**	**447**
Normalized	22.57%	100%	22.42%
Standard Deviation	2.3%	0.9%	3.2%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 256KB - / (MB/s)	77.4	**248**	**76.4**
Normalized	31.21%	100%	30.81%
Standard Deviation	0.7%	1.2%	0.5%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 256KB - / (IOPS)	306	**988**	**302**
Normalized	30.97%	100%	30.57%
Standard Deviation	0.7%	1.2%	0.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 128KB - / (MB/s)	131	**286**	**97.0**
Normalized	45.8%	100%	33.92%
Standard Deviation	0.9%	1.4%	1.1%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 128KB - / (IOPS)	1049	**2285**	**772**
Normalized	45.91%	100%	33.79%
Standard Deviation	0.8%	1.5%	1.1%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 256KB - / (MB/s)	140	**284**	**110**
Normalized	49.3%	100%	38.73%
Standard Deviation	0.7%	2.1%	
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 256KB - / (IOPS)	557	**1133**	**434**
Normalized	49.16%	100%	38.31%
Standard Deviation	0.6%	2.2%	0.7%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 16KB - / (MB/s)	85.7	**86.4**	**62.2**
Normalized	99.19%	100%	71.99%
Standard Deviation	1.4%	2.5%	2.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 16KB - / (IOPS)	5480	**5525**	**3978**
Normalized	99.19%	100%	72%
Standard Deviation	1.3%	2.5%	2.6%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 32KB - / (MB/s)	104.3	**147**	**64.3**
Normalized	70.95%	100%	43.74%
Standard Deviation	4.4%		1.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 32KB - / (IOPS)	3335	**4693**	**2054**
Normalized	71.06%	100%	43.77%
Standard Deviation	4.3%	0.8%	1.8%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 64KB - / (MB/s)	113	**228**	**77.7**
Normalized	49.56%	100%	34.08%
Standard Deviation		0.5%	2.1%

Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 64KB - / (IOPS)	1806	**3637**	**1240**
Normalized	49.66%	100%	34.09%
Standard Deviation	0.6%	0.5%	2.1%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 128KB - / (MB/s)	**56.9**	**246**	57.4
Normalized	23.13%	100%	23.33%
Standard Deviation	0.7%	3.9%	0.3%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 128KB - / (IOPS)	**451**	**1962**	456
Normalized	22.99%	100%	23.24%
Standard Deviation	0.7%	3.9%	0.3%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 256KB - / (MB/s)	77.1	**251**	**76.5**
Normalized	30.72%	100%	30.48%
Standard Deviation	0.6%	0.7%	0.8%
Flexible IO Tester - Rand Write - POSIX AIO - No - Yes - 256KB - / (IOPS)	305	**1000**	**302**
Normalized	30.5%	100%	30.2%
Standard Deviation	0.7%	0.7%	1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 128KB - / (MB/s)	133	**291**	**96.0**
Normalized	45.7%	100%	32.99%
Standard Deviation	1.3%	1.7%	1.4%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 128KB - / (IOPS)	1059	**2323**	**764**
Normalized	45.59%	100%	32.89%
Standard Deviation	1.3%	1.7%	1.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 256KB - / (MB/s)	140	**288**	**110**
Normalized	48.61%	100%	38.19%
Standard Deviation		0.9%	1.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - No - 256KB - / (IOPS)	558	**1148**	**437**
Normalized	48.61%	100%	38.07%
Standard Deviation	0.5%	1%	1.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 16KB - / (MB/s)	105	**111**	**57.9**
Normalized	94.59%	100%	52.16%
Standard Deviation	1%		3.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 16KB - / (IOPS)	6701	**7084**	**3709**
Normalized	94.59%	100%	52.36%
Standard Deviation	1%	1.3%	3.1%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 32KB - / (MB/s)	106	**197**	**62.6**
Normalized	53.81%	100%	31.78%
Standard Deviation	2.7%	0.8%	1.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 32KB - / (IOPS)	3395	**6313**	**2001**
Normalized	53.78%	100%	31.7%
Standard Deviation	2.7%	0.8%	1.6%

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Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 64KB - / (MB/s)	114	**278**	**78.2**
Normalized	41.01%	100%	28.13%
Standard Deviation	1.5%	3.2%	1.7%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 64KB - / (IOPS)	1814	**4444**	**1248**
Normalized	40.82%	100%	28.08%
Standard Deviation	1.6%	3.2%	1.7%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 128KB - / (MB/s)	133	**274**	**97.0**
Normalized	48.54%	100%	35.4%
Standard Deviation		2.8%	0.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 128KB - / (IOPS)	1060	**2191**	**773**
Normalized	48.38%	100%	35.28%
Standard Deviation	0.7%	2.7%	0.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 256KB - / (MB/s)	141	**288**	**110**
Normalized	48.96%	100%	38.19%
Standard Deviation		2.1%	0.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - Yes - 256KB - / (IOPS)	561	**1150**	**436**
Normalized	48.78%	100%	37.91%
Standard Deviation	1%	2.2%	1.2%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 128KB - / (MB/s)	136	**289**	**102**
Normalized	47.06%	100%	35.29%
Standard Deviation		2.2%	0.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 128KB - / (IOPS)	1089	**2308**	**806**
Normalized	47.18%	100%	34.92%
Standard Deviation	0.6%	2.1%	0.6%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 256KB - / (MB/s)	142	**287**	**109**
Normalized	49.48%	100%	37.98%
Standard Deviation	0.7%	2.4%	0.5%
Flexible IO Tester - Rand Write - POSIX AIO - Yes - Yes - 256KB - / (IOPS)	565	**1146**	**434**
Normalized	49.3%	100%	37.87%
Standard Deviation	0.7%	2.3%	0.6%
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - / (MB/s)	2.726	**26.2**	**2.703**
Normalized	10.4%	100%	10.32%
Standard Deviation	0.5%	2.7%	2.9%
Flexible IO Tester - Rand Write - Sync - No - No - 4KB - / (IOPS)	681	**6710**	**675**
Normalized	10.15%	100%	10.06%
Standard Deviation	0.5%	2.6%	2.9%
Flexible IO Tester - Rand Write - Sync - No - No - 8KB - / (MB/s)	5.406	**51.0**	**5.362**
Normalized	10.6%	100%	10.51%
Standard Deviation	1.2%	0.3%	1.2%

Flexible IO Tester - Rand Write - Sync - No - No - 8KB - / (IOPS)	675	**6529**	**670**
Normalized	10.34%	100%	10.26%
Standard Deviation	1.3%	0.4%	1.2%
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - / (MB/s)	10.1	**93.7**	**9.98**
Normalized	10.78%	100%	10.65%
Standard Deviation	1.1%	1%	2%
Flexible IO Tester - Rand Write - Sync - No - No - 16KB - / (IOPS)	649	**5994**	**637**
Normalized	10.83%	100%	10.63%
Standard Deviation	0.9%	1%	1.8%
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - / (MB/s)	18.8	**173**	**18.5**
Normalized	10.87%	100%	10.69%
Standard Deviation	1.7%	1.5%	2.5%
Flexible IO Tester - Rand Write - Sync - No - No - 32KB - / (IOPS)	**600**	**5521**	603
Normalized	10.87%	100%	10.92%
Standard Deviation	1.9%	1.7%	1%
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - / (MB/s)	34.3	**247**	**33.1**
Normalized	13.89%	100%	13.4%
Standard Deviation	0.8%	1.2%	1.7%
Flexible IO Tester - Rand Write - Sync - No - No - 64KB - / (IOPS)	548	**3945**	**530**
Normalized	13.89%	100%	13.43%
Standard Deviation	0.7%	1.2%	1.8%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - / (MB/s)	2.689	**26.3**	**2.657**
Normalized	10.22%	100%	10.1%
Standard Deviation	1.7%	1.3%	0.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 4KB - / (IOPS)	672	**6743**	**664**
Normalized	9.97%	100%	9.85%
Standard Deviation	1.7%	1.4%	0.3%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - / (MB/s)	5.231	**50.8**	**5.212**
Normalized	10.3%	100%	10.26%
Standard Deviation	0.5%	0.5%	0.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 8KB - / (IOPS)	653	**6497**	**651**
Normalized	10.05%	100%	10.02%
Standard Deviation	0.6%	0.5%	0.5%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB - / (MB/s)	**23.0**	**25.2**	**25.2**
Normalized	91.27%	100%	100%
Standard Deviation	2.6%	1.1%	1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 4KB - / (IOPS)	**5972**	6452	**6534**
Normalized	91.4%	98.75%	100%
Standard Deviation	3.5%	1.2%	1.7%

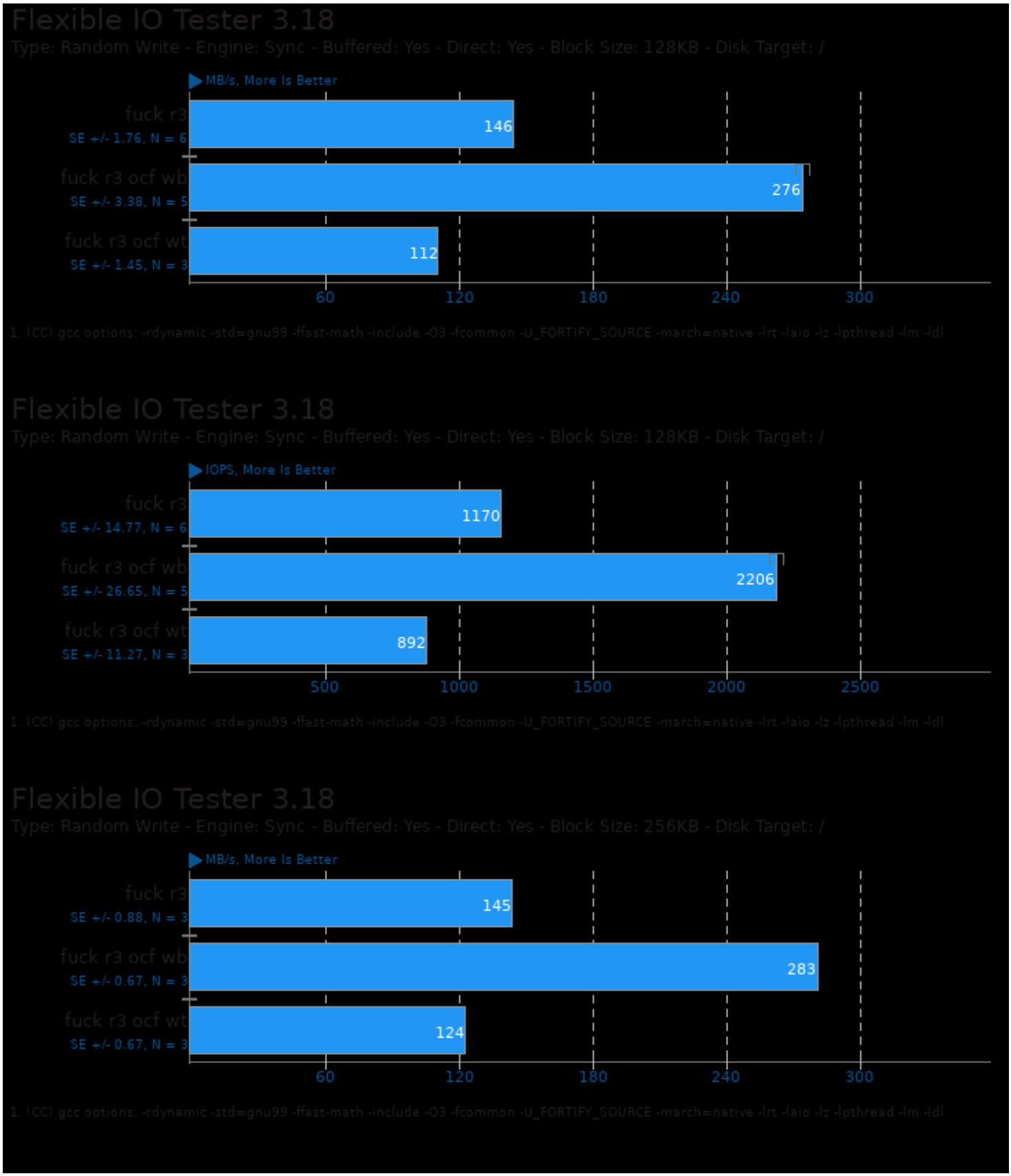
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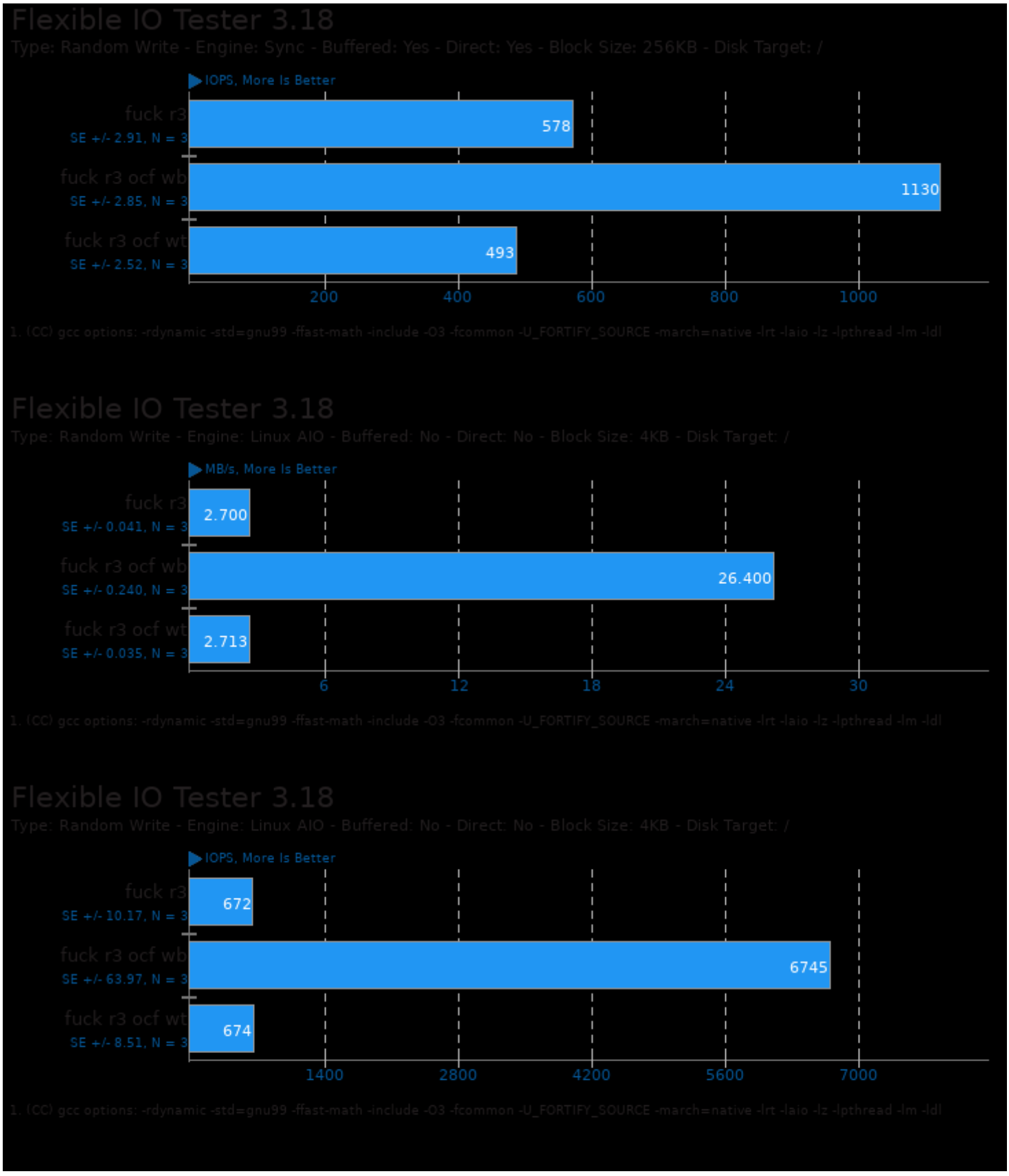
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB - / (MB/s)	**45.6**	47.1	**50.1**
Normalized	91.02%	94.01%	100%
Standard Deviation	1%	2.5%	0.3%
Flexible IO Tester - Rand Write - Sync - Yes - No - 8KB - / (IOPS)	**5841**	6023	**6457**
Normalized	90.46%	93.28%	100%
Standard Deviation	1.1%	2.5%	0.9%
Flexible IO Tester - Rand Write - Sync - No - No - 128KB - / (MB/s)	**54.8**	**249**	57.2
Normalized	22.01%	100%	22.97%
Standard Deviation	12.7%	2.2%	0.4%
Flexible IO Tester - Rand Write - Sync - No - No - 128KB - / (IOPS)	**438**	**1993**	457
Normalized	21.98%	100%	22.93%
Standard Deviation	12.7%	2.1%	
Flexible IO Tester - Rand Write - Sync - No - No - 256KB - / (MB/s)	**75.8**	**251**	77.0
Normalized	30.2%	100%	30.68%
Standard Deviation	0.8%	1.2%	0.5%
Flexible IO Tester - Rand Write - Sync - No - No - 256KB - / (IOPS)	**303**	**1002**	308
Normalized	30.24%	100%	30.74%
Standard Deviation	1%	1.3%	0.5%
Flexible IO Tester - Rand Write - Sync - No - Yes - 16KB - / (MB/s)	**9.94**	**98.9**	10.01
Normalized	10.05%	100%	10.12%
Standard Deviation	0.6%	1.9%	0.8%
Flexible IO Tester - Rand Write - Sync - No - Yes - 16KB - / (IOPS)	**636**	**6321**	641
Normalized	10.06%	100%	10.14%
Standard Deviation	0.7%	1.7%	0.7%
Flexible IO Tester - Rand Write - Sync - No - Yes - 32KB - / (MB/s)	**18.4**	**176**	18.6
Normalized	10.45%	100%	10.57%
Standard Deviation	0.6%	1.3%	2.2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 32KB - / (IOPS)	**590**	**5641**	596
Normalized	10.46%	100%	10.57%
Standard Deviation	0.6%	1.3%	2%
Flexible IO Tester - Rand Write - Sync - No - Yes - 64KB - / (MB/s)	**33.7**	**244**	**33.7**
Normalized	13.81%	100%	13.81%
Standard Deviation	1%	1.8%	0.5%
Flexible IO Tester - Rand Write - Sync - No - Yes - 64KB - / (IOPS)	539	**3906**	**538**
Normalized	13.8%	100%	13.77%
Standard Deviation	1%	1.7%	0.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB - / (MB/s)	87.4	**89.4**	**61.0**
Normalized	97.76%	100%	68.23%
Standard Deviation	1.9%	1.6%	4.8%

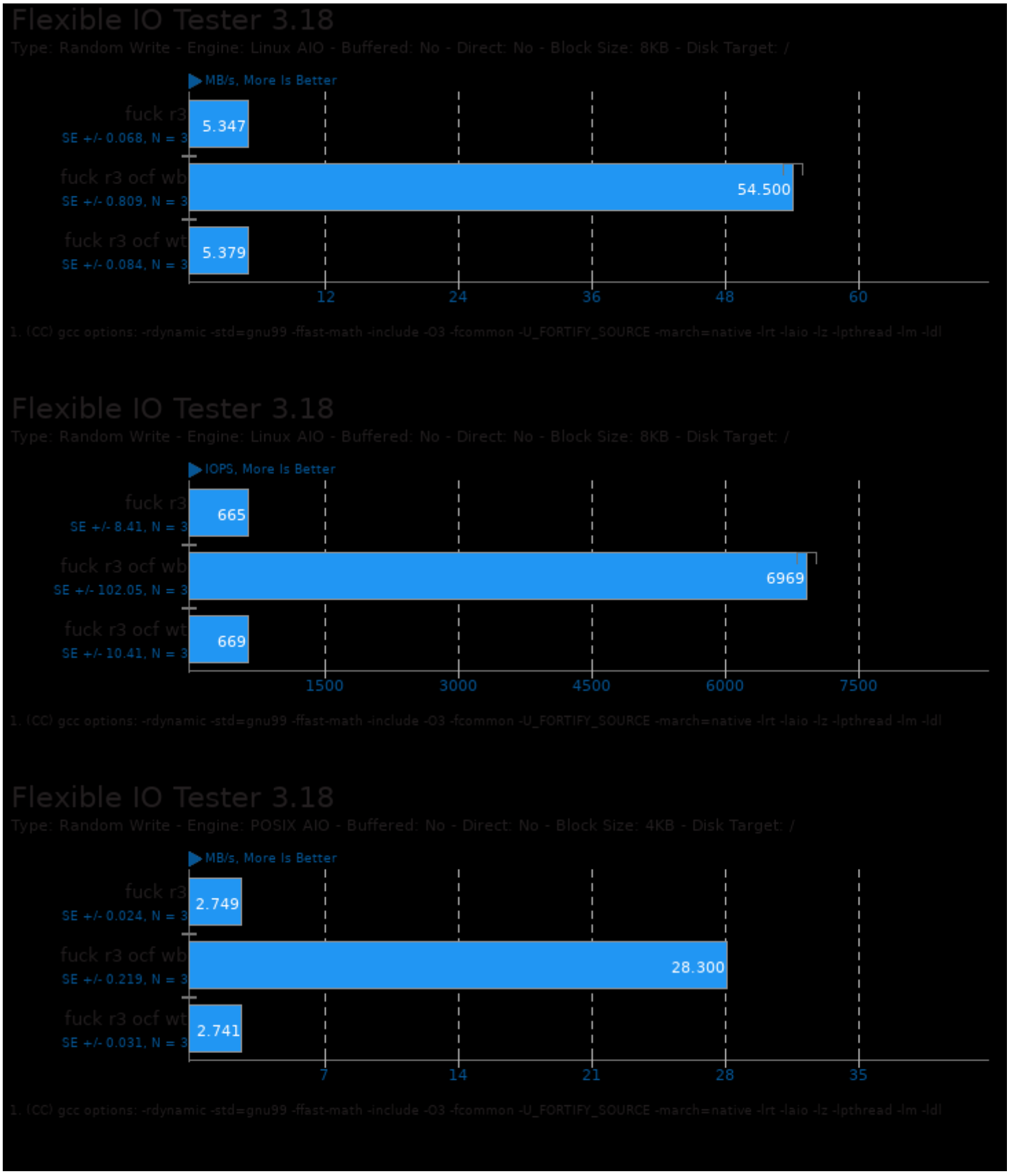
Flexible IO Tester - Rand Write - Sync - Yes - No - 16KB - / (IOPS)	5591	**5720**	**3913**
Normalized	97.74%	100%	68.41%
Standard Deviation	1.8%	1.6%	4.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 32KB - / (MB/s)	100.3	**154**	**64.1**
Normalized	65.13%	100%	41.62%
Standard Deviation	14.2%	0.6%	2.8%
Flexible IO Tester - Rand Write - Sync - Yes - No - 32KB - / (IOPS)	3213	**4919**	**2058**
Normalized	65.32%	100%	41.84%
Standard Deviation	14.2%	0.7%	2.6%
Flexible IO Tester - Rand Write - Sync - Yes - No - 64KB - / (MB/s)	111	**235**	**76.9**
Normalized	47.23%	100%	32.72%
Standard Deviation	0.9%	0.7%	1.7%
Flexible IO Tester - Rand Write - Sync - Yes - No - 64KB - / (IOPS)	1778	**3749**	**1230**
Normalized	47.43%	100%	32.81%
Standard Deviation	0.8%	0.7%	1.7%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 4KB - / (MB/s)	**23.5**	25.1	**25.3**
Normalized	92.89%	99.21%	100%
Standard Deviation	1.1%	1.6%	1.6%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 4KB - / (IOPS)	**6016**	6433	**6470**
Normalized	92.98%	99.43%	100%
Standard Deviation	1%	1.6%	1.6%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 8KB - / (MB/s)	**45.2**	48.1	**48.4**
Normalized	93.39%	99.38%	100%
Standard Deviation	0.3%	0.7%	2.5%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 8KB - / (IOPS)	**5790**	6161	**6201**
Normalized	93.37%	99.35%	100%
Standard Deviation	0.4%	0.7%	2.6%
Flexible IO Tester - Rand Write - Sync - No - Yes - 128KB - / (MB/s)	56.9	**246**	**55.9**
Normalized	23.13%	100%	22.72%
Standard Deviation	1.2%	3.3%	1.4%
Flexible IO Tester - Rand Write - Sync - No - Yes - 128KB - / (IOPS)	455	**1968**	**447**
Normalized	23.12%	100%	22.71%
Standard Deviation	1.1%	3.3%	1.5%
Flexible IO Tester - Rand Write - Sync - No - Yes - 256KB - / (MB/s)	77.0	**250**	**76.7**
Normalized	30.8%	100%	30.68%
Standard Deviation	1.2%	1.7%	0.7%
Flexible IO Tester - Rand Write - Sync - No - Yes - 256KB - / (IOPS)	307	**1000**	**306**
Normalized	30.7%	100%	30.6%
Standard Deviation	1.2%	1.7%	0.8%

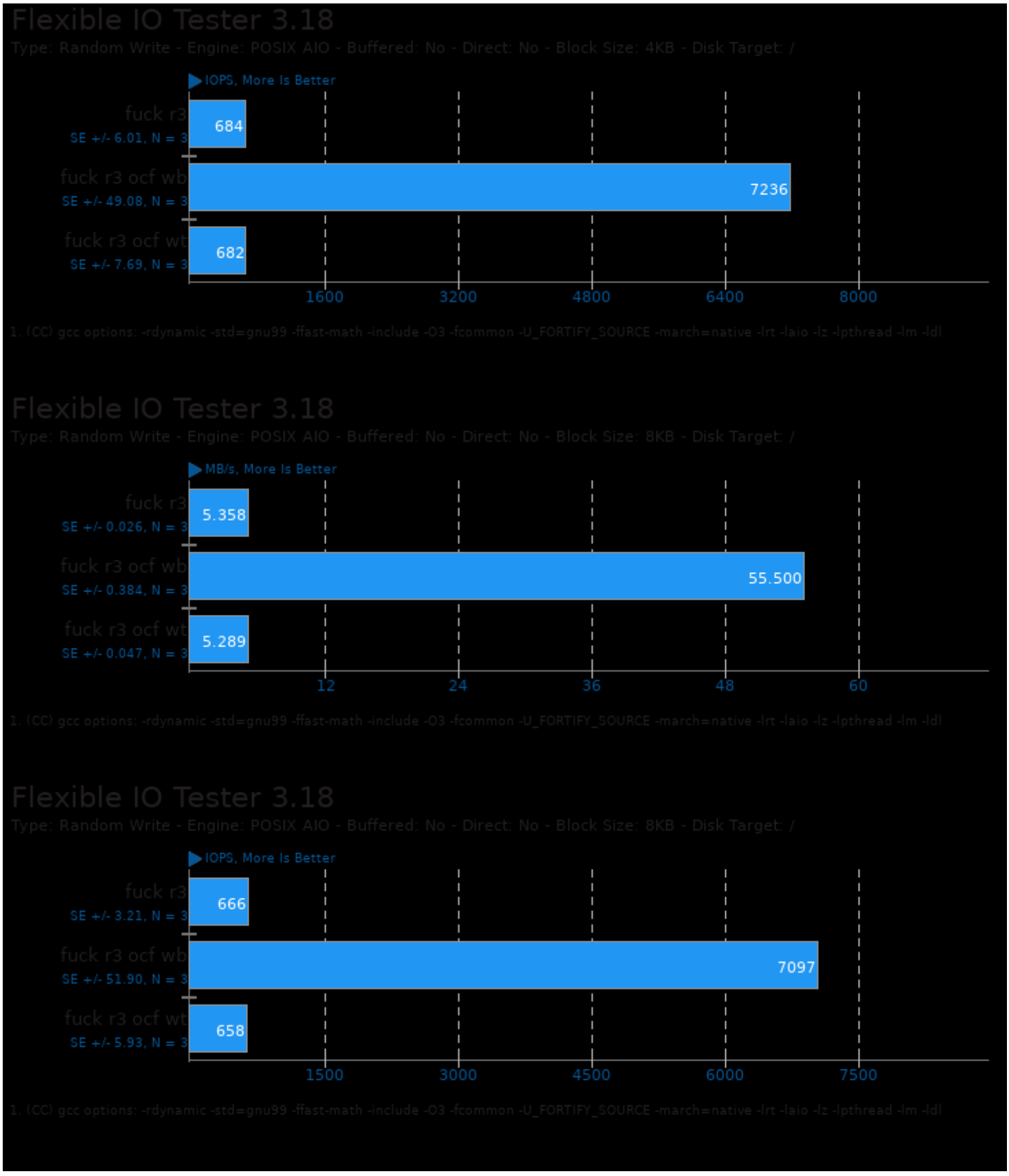
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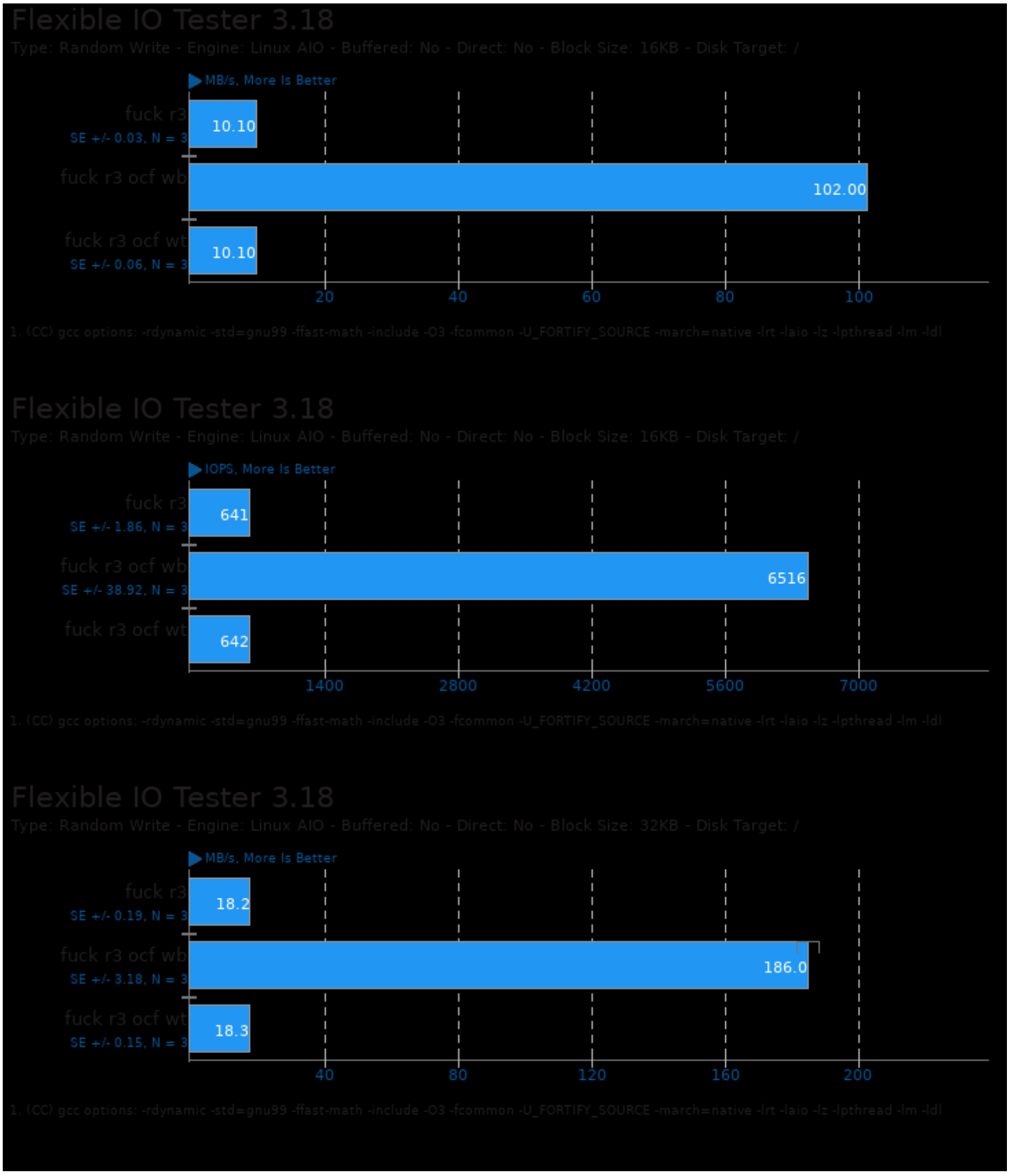
Flexible IO Tester - Rand Write - Sync - Yes - No - 128KB - / (MB/s)	130	**278**	**102**
Normalized	46.76%	100%	36.69%
Standard Deviation	5.6%	3%	1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 128KB - / (IOPS)	1040	**2226**	**816**
Normalized	46.72%	100%	36.66%
Standard Deviation	5.6%	3.1%	1.1%
Flexible IO Tester - Rand Write - Sync - Yes - No - 256KB - / (MB/s)	140	**296**	**109**
Normalized	47.3%	100%	36.82%
Standard Deviation	0.7%	0.7%	1.4%
Flexible IO Tester - Rand Write - Sync - Yes - No - 256KB - / (IOPS)	560	**1182**	**435**
Normalized	47.38%	100%	36.8%
Standard Deviation	0.6%	0.7%	1.1%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 16KB - / (MB/s)	85.9	**87.5**	**61.7**
Normalized	98.17%	100%	70.51%
Standard Deviation	9%	2.6%	2%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 16KB - / (IOPS)	5505	**5602**	**3947**
Normalized	98.27%	100%	70.46%
Standard Deviation	9.1%	2.6%	2%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 32KB - / (MB/s)	100.2	**153**	**65.8**
Normalized	65.49%	100%	43.01%
Standard Deviation	8.2%		1.4%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 32KB - / (IOPS)	3207	**4893**	**2107**
Normalized	65.54%	100%	43.06%
Standard Deviation	8.3%		1.4%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 64KB - / (MB/s)	112	**235**	**78.9**
Normalized	47.66%	100%	33.57%
Standard Deviation	1.9%	0.4%	0.8%
Flexible IO Tester - Rand Write - Sync - Yes - Yes - 64KB - / (IOPS)	1798	**3762**	**1262**
Normalized	47.79%	100%	33.55%
Standard Deviation	1.6%	0.6%	0.8%

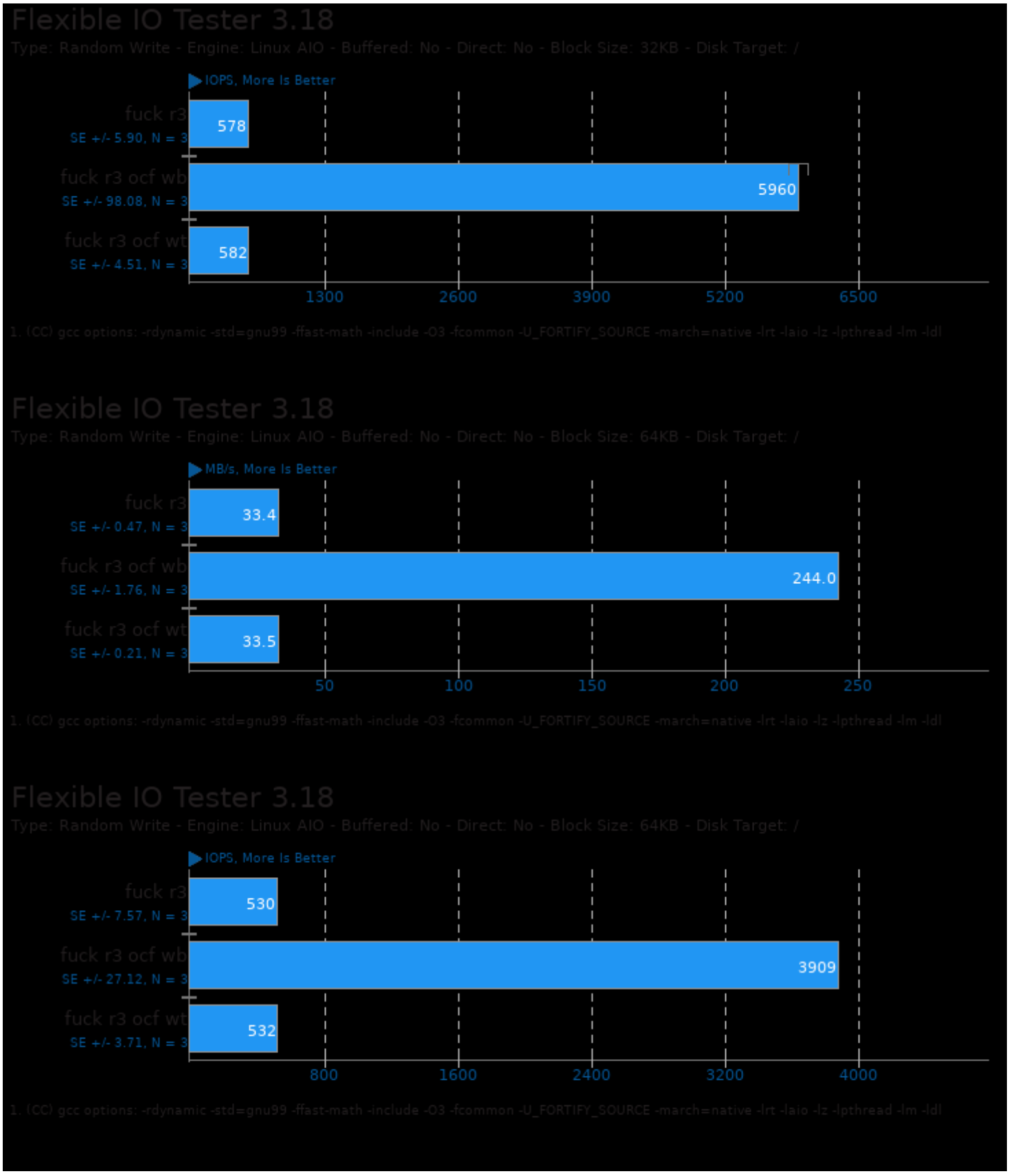

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.76, N = 6
146
fuck r3 ocf wb
SE +/- 3.38, N = 5
276
fuck r3 ocf wt
SE +/- 1.45, N = 3
112
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 14.77, N = 6
1170
fuck r3 ocf wb
SE +/- 26.65, N = 5
2206
fuck r3 ocf wt
SE +/- 11.27, N = 3
892
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.88, N = 3
145
fuck r3 ocf wb
SE +/- 0.67, N = 3
283
fuck r3 ocf wt
SE +/- 0.67, N = 3
124
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

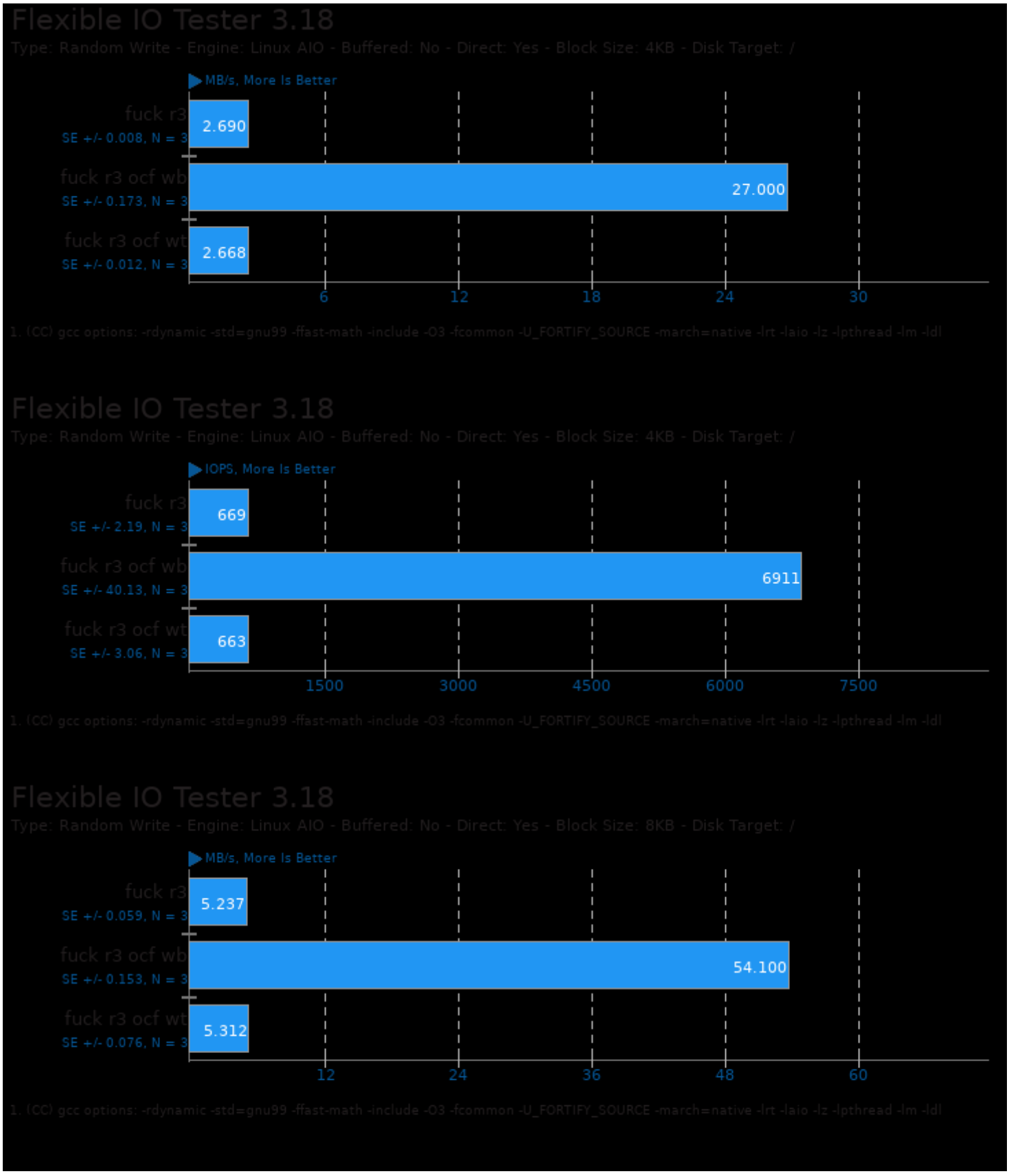

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.91, N = 3
578
fuck r3 ocf wb
SE +/- 2.85, N = 3
1130
fuck r3 ocf wt
SE +/- 2.52, N = 3
493
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.041, N = 3
2.700
fuck r3 ocf wb
SE +/- 0.240, N = 3
26.400
fuck r3 ocf wt
SE +/- 0.035, N = 3
2.713
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 10.17, N = 3
672
fuck r3 ocf wb
SE +/- 63.97, N = 3
6745
fuck r3 ocf wt
SE +/- 8.51, N = 3
674
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

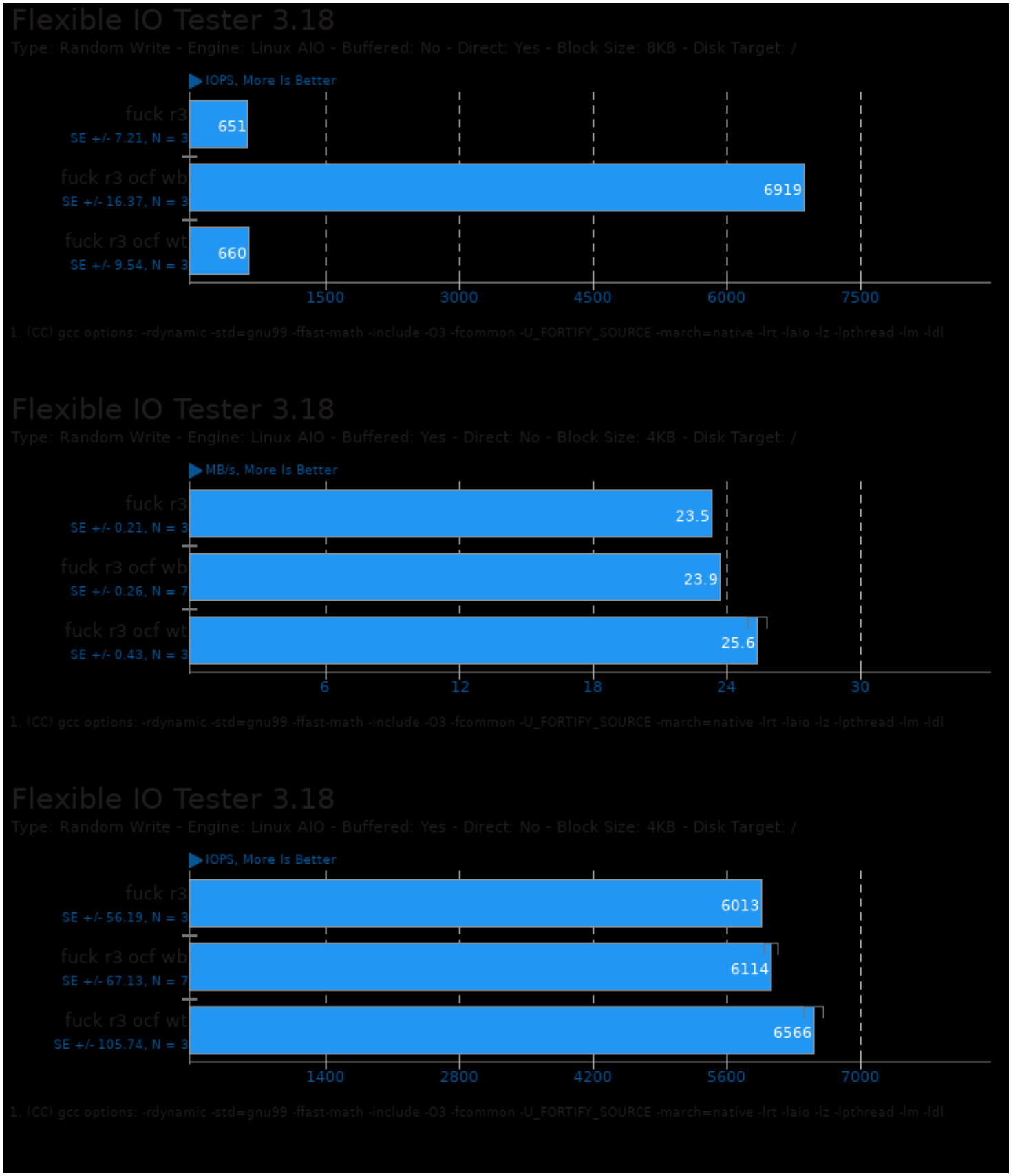

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.068, N = 3
5.347
fuck r3 ocf wb
SE +/- 0.809, N = 3
54.500
fuck r3 ocf wt
SE +/- 0.084, N = 3
5.379
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 8.41, N = 3
665
fuck r3 ocf wb
SE +/- 102.05, N = 3
6969
fuck r3 ocf wt
SE +/- 10.41, N = 3
669
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.024, N = 3
2.749
fuck r3 ocf wb
SE +/- 0.219, N = 3
28.300
fuck r3 ocf wt
SE +/- 0.031, N = 3
2.741
7
14
21
28
35
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

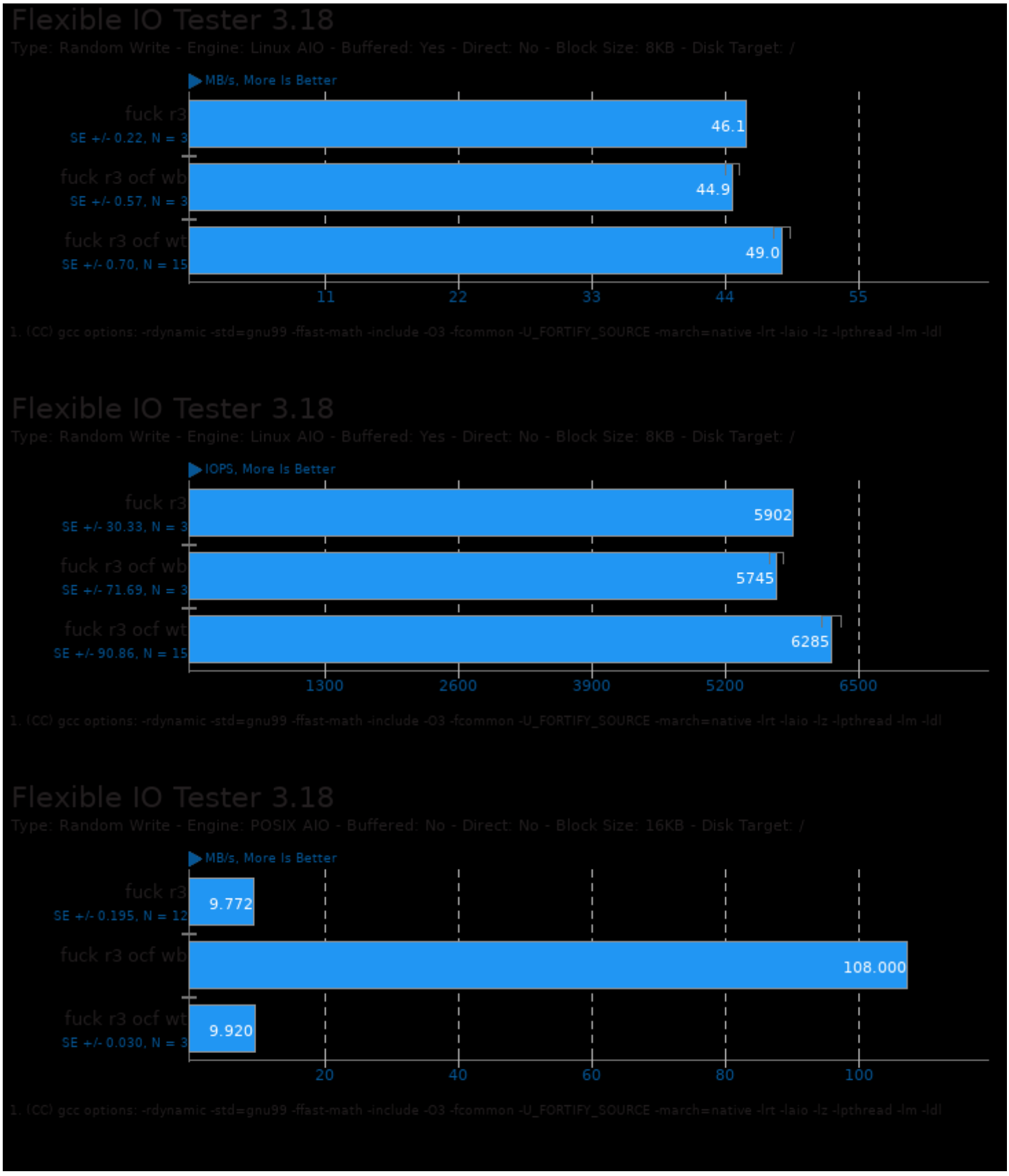

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 6.01, N = 3
684
fuck r3 ocf wb
SE +/- 49.08, N = 3
7236
fuck r3 ocf wt
SE +/- 7.69, N = 3
682
1600
3200
4800
6400
8000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.026, N = 3
5.358
fuck r3 ocf wb
SE +/- 0.384, N = 3
55.500
fuck r3 ocf wt
SE +/- 0.047, N = 3
5.289
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 3.21, N = 3
666
fuck r3 ocf wb
SE +/- 51.90, N = 3
7097
fuck r3 ocf wt
SE +/- 5.93, N = 3
658
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

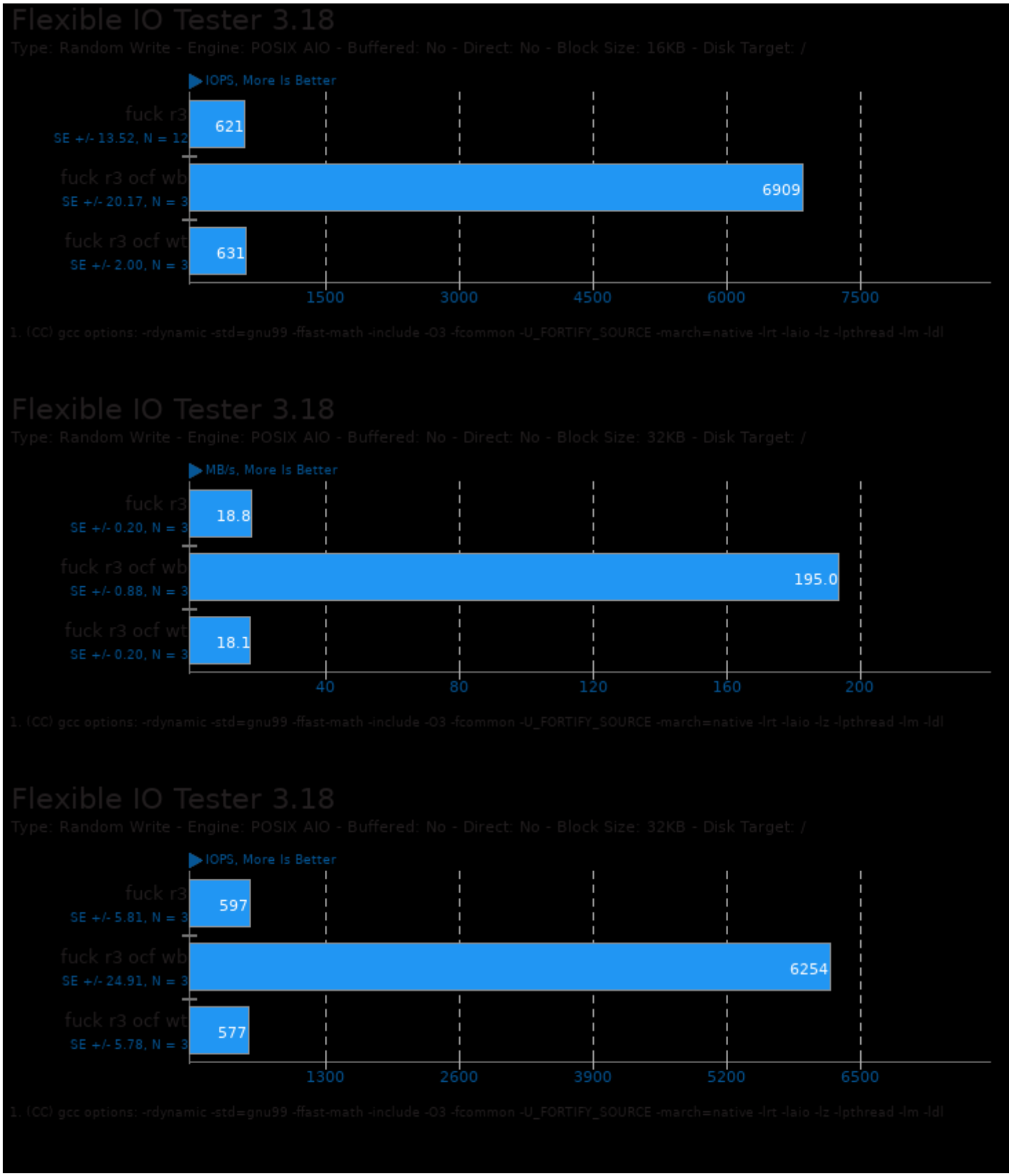

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.03, N = 3
10.10
fuck r3 ocf wb
102.00
fuck r3 ocf wt
SE +/- 0.06, N = 3
10.10
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.86, N = 3
641
fuck r3 ocf wb
SE +/- 38.92, N = 3
6516
fuck r3 ocf wt
642
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.19, N = 3
18.2
fuck r3 ocf wb
SE +/- 3.18, N = 3
186.0
fuck r3 ocf wt
SE +/- 0.15, N = 3
18.3
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

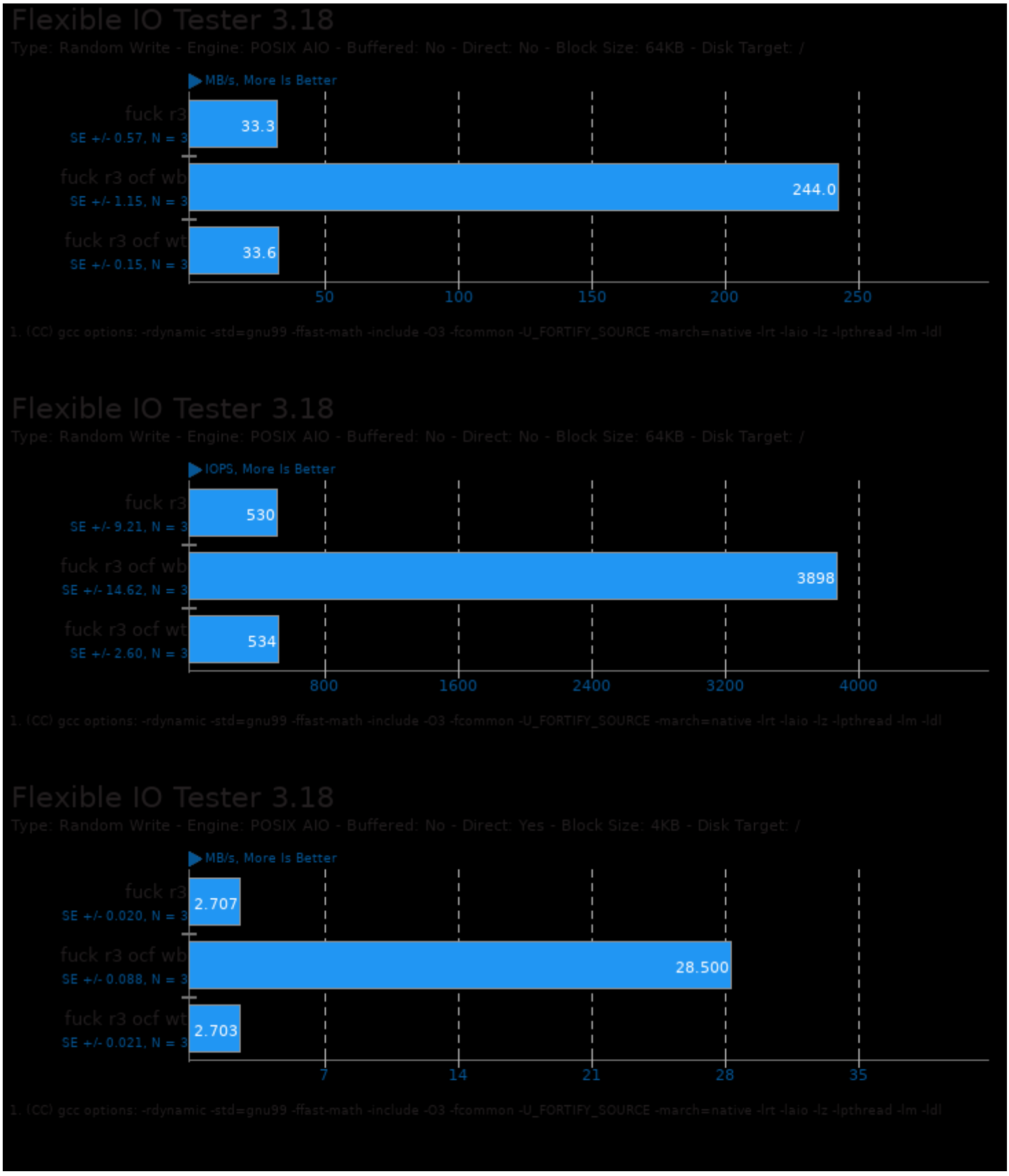

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.90, N = 3
578
fuck r3 ocf wb
SE +/- 98.08, N = 3
5960
fuck r3 ocf wt
SE +/- 4.51, N = 3
582
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.47, N = 3
33.4
fuck r3 ocf wb
SE +/- 1.76, N = 3
244.0
fuck r3 ocf wt
SE +/- 0.21, N = 3
33.5
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 7.57, N = 3
530
fuck r3 ocf wb
SE +/- 27.12, N = 3
3909
fuck r3 ocf wt
SE +/- 3.71, N = 3
532
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

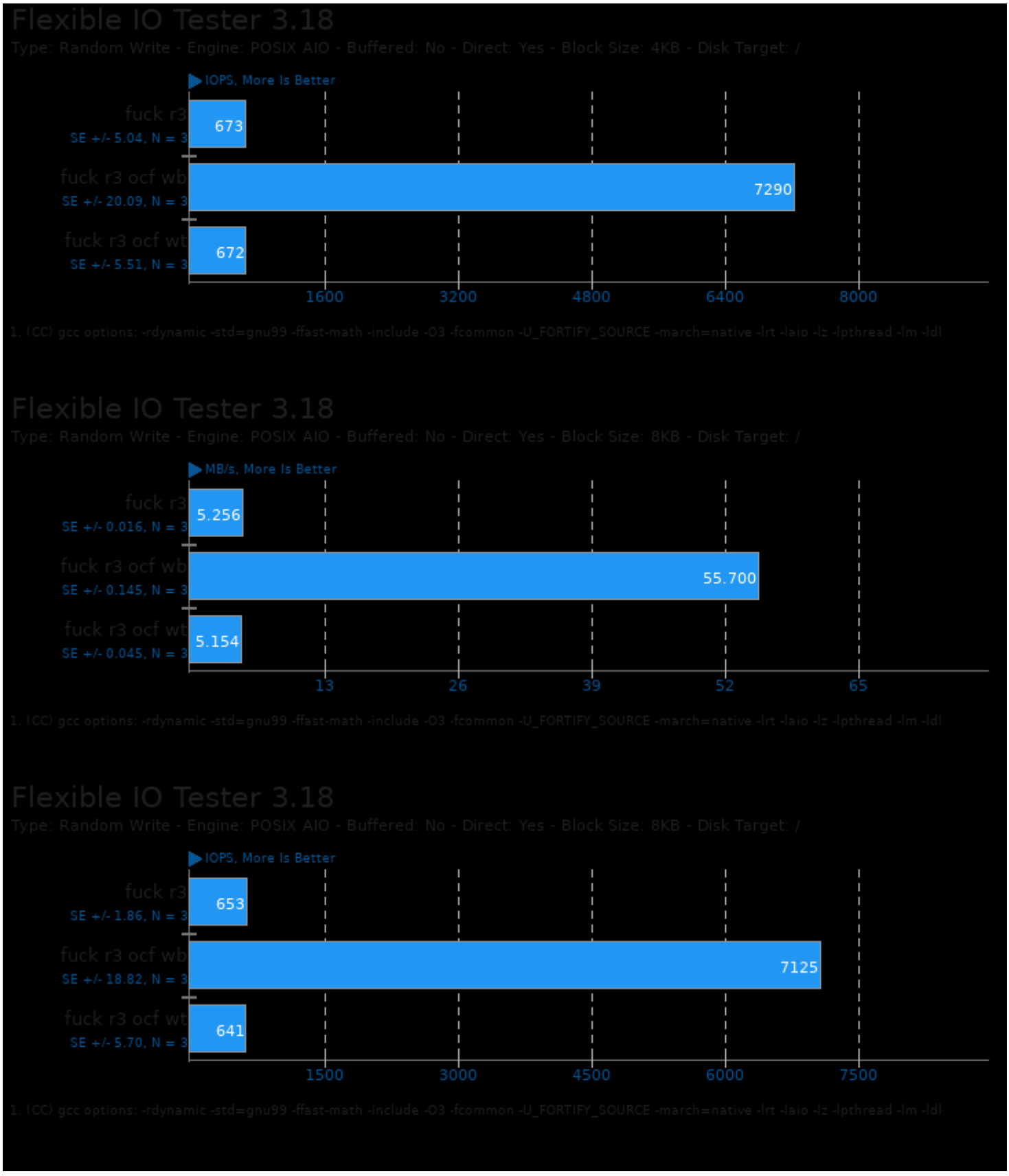

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.008, N = 3
2.690
fuck r3 ocf wb
SE +/- 0.173, N = 3
27.000
fuck r3 ocf wt
SE +/- 0.012, N = 3
2.668
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.19, N = 3
669
fuck r3 ocf wb
SE +/- 40.13, N = 3
6911
fuck r3 ocf wt
SE +/- 3.06, N = 3
663
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.059, N = 3
5.237
fuck r3 ocf wb
SE +/- 0.153, N = 3
54.100
fuck r3 ocf wt
SE +/- 0.076, N = 3
5.312
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

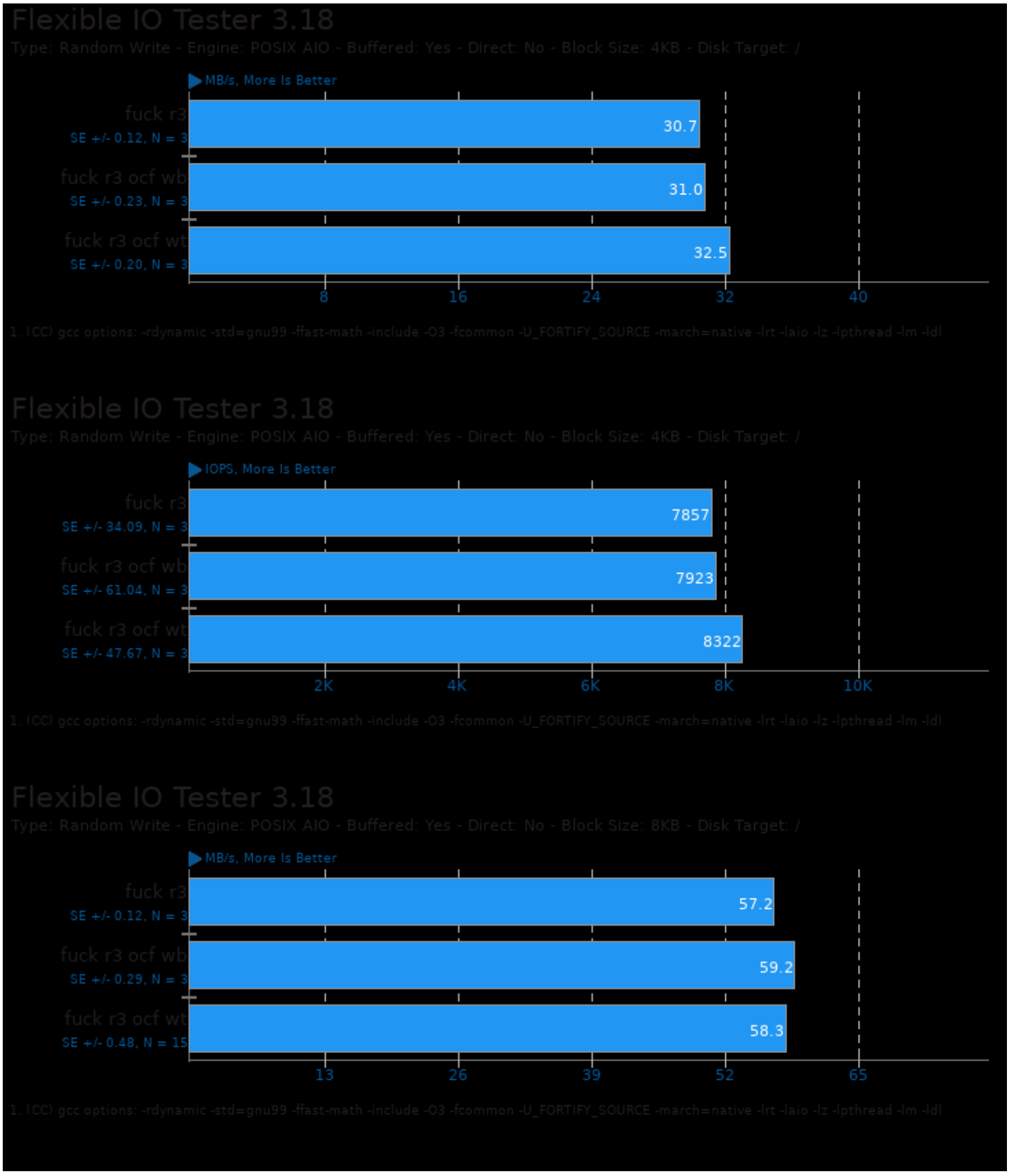

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 7.21, N = 3
651
fuck r3 ocf wb
SE +/- 16.37, N = 3
6919
fuck r3 ocf wt
SE +/- 9.54, N = 3
660
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.21, N = 3
23.5
fuck r3 ocf wb
SE +/- 0.26, N = 7
23.9
fuck r3 ocf wt
SE +/- 0.43, N = 3
25.6
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 56.19, N = 3
6013
fuck r3 ocf wb
SE +/- 67.13, N = 7
6114
fuck r3 ocf wt
SE +/- 105.74, N = 3
6566
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

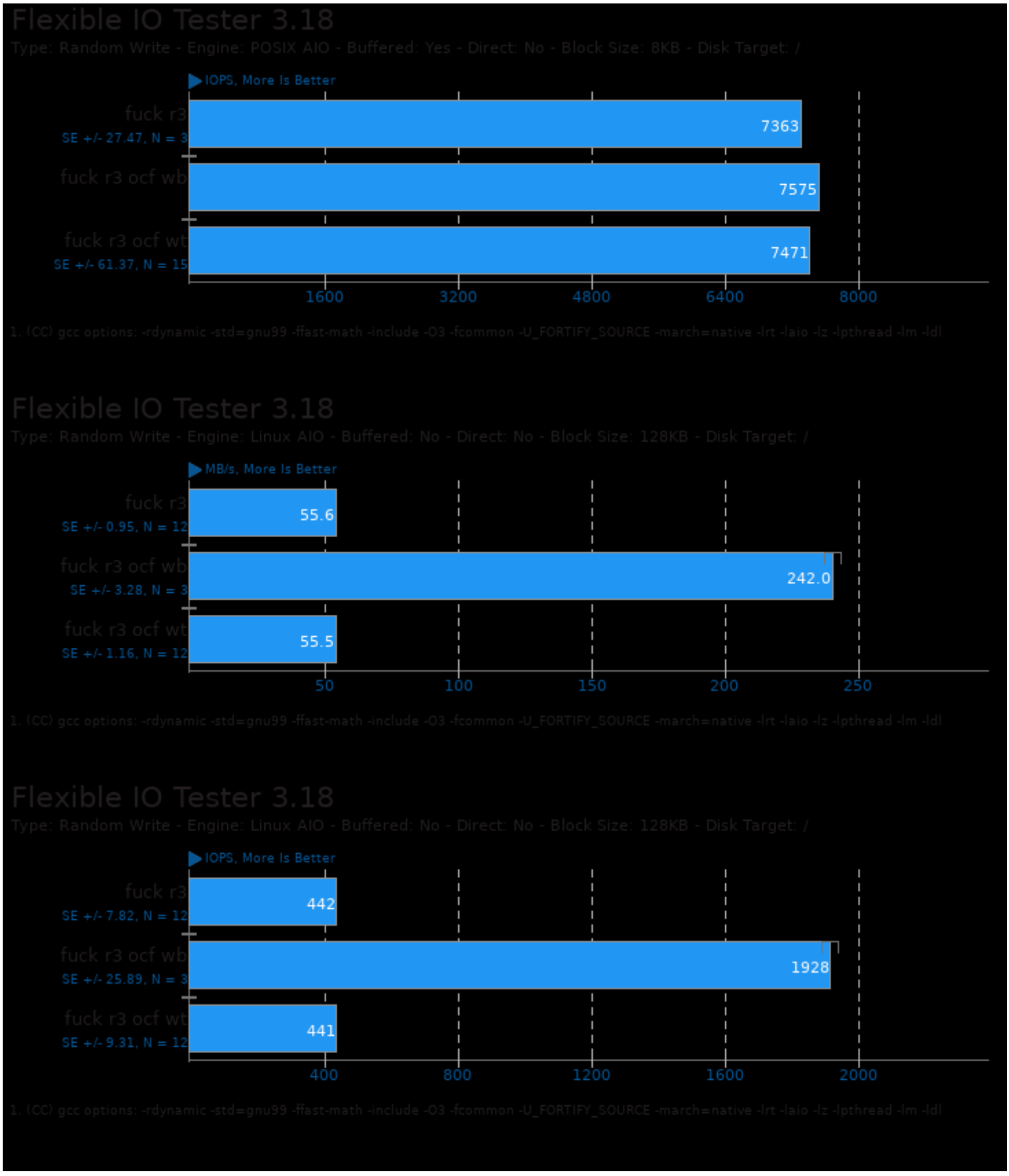

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.22, N = 3
46.1
fuck r3 ocf wb
SE +/- 0.57, N = 3
44.9
fuck r3 ocf wt
SE +/- 0.70, N = 15
49.0
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 30.33, N = 3
5902
fuck r3 ocf wb
SE +/- 71.69, N = 3
5745
fuck r3 ocf wt
SE +/- 90.86, N = 15
6285
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.195, N = 12
9.772
fuck r3 ocf wb
108.000
fuck r3 ocf wt
SE +/- 0.030, N = 3
9.920
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

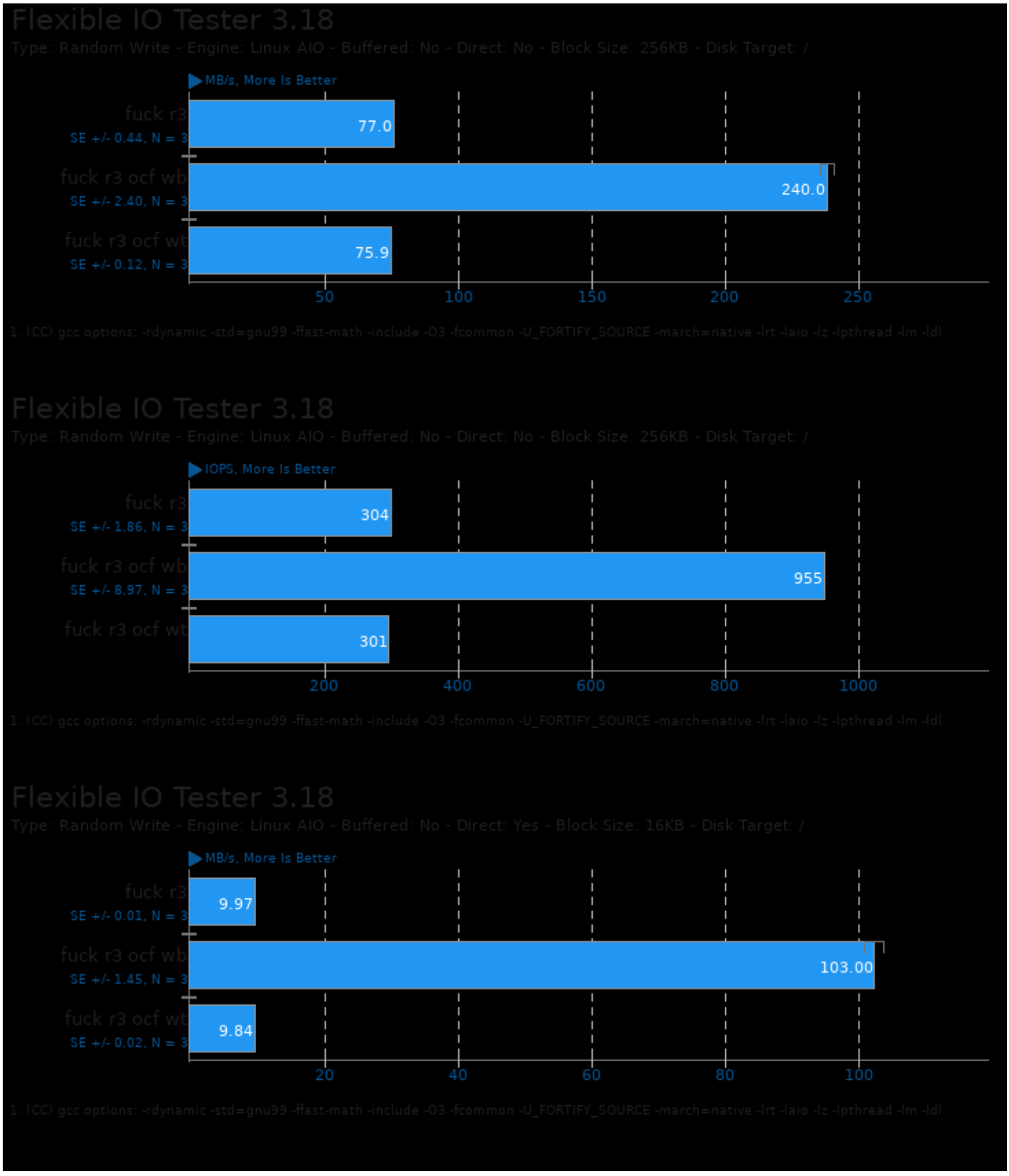

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 13.52, N = 12
621
fuck r3 ocf wb
SE +/- 20.17, N = 3
6909
fuck r3 ocf wt
SE +/- 2.00, N = 3
631
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.20, N = 3
18.8
fuck r3 ocf wb
SE +/- 0.88, N = 3
195.0
fuck r3 ocf wt
SE +/- 0.20, N = 3
18.1
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.81, N = 3
597
fuck r3 ocf wb
SE +/- 24.91, N = 3
6254
fuck r3 ocf wt
SE +/- 5.78, N = 3
577
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

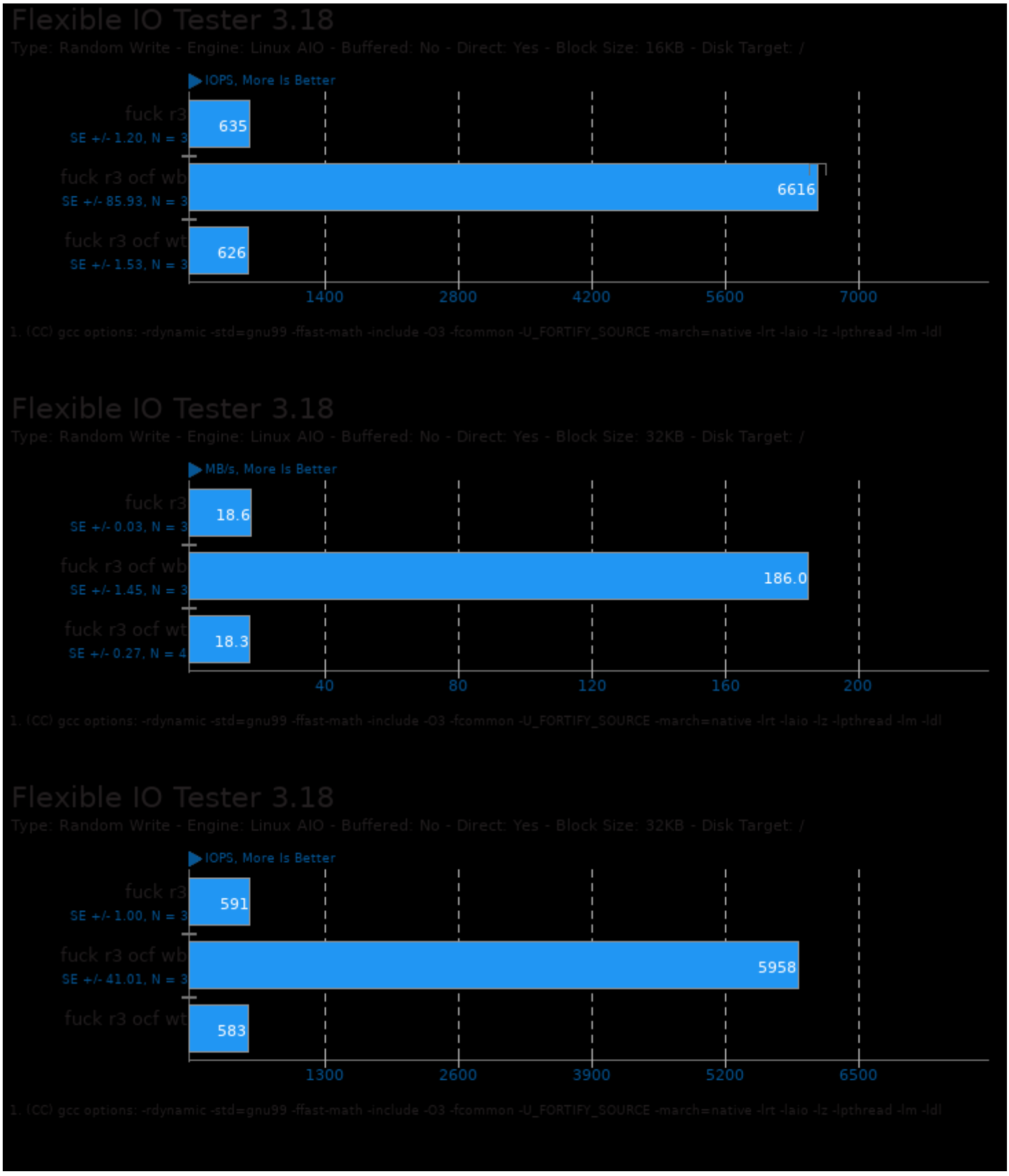

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.57, N = 3
33.3
fuck r3 ocf wb
SE +/- 1.15, N = 3
244.0
fuck r3 ocf wt
SE +/- 0.15, N = 3
33.6
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 9.21, N = 3
530
fuck r3 ocf wb
SE +/- 14.62, N = 3
3898
fuck r3 ocf wt
SE +/- 2.60, N = 3
534
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.020, N = 3
2.707
fuck r3 ocf wb
SE +/- 0.088, N = 3
28.500
fuck r3 ocf wt
SE +/- 0.021, N = 3
2.703
7
14
21
28
35
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

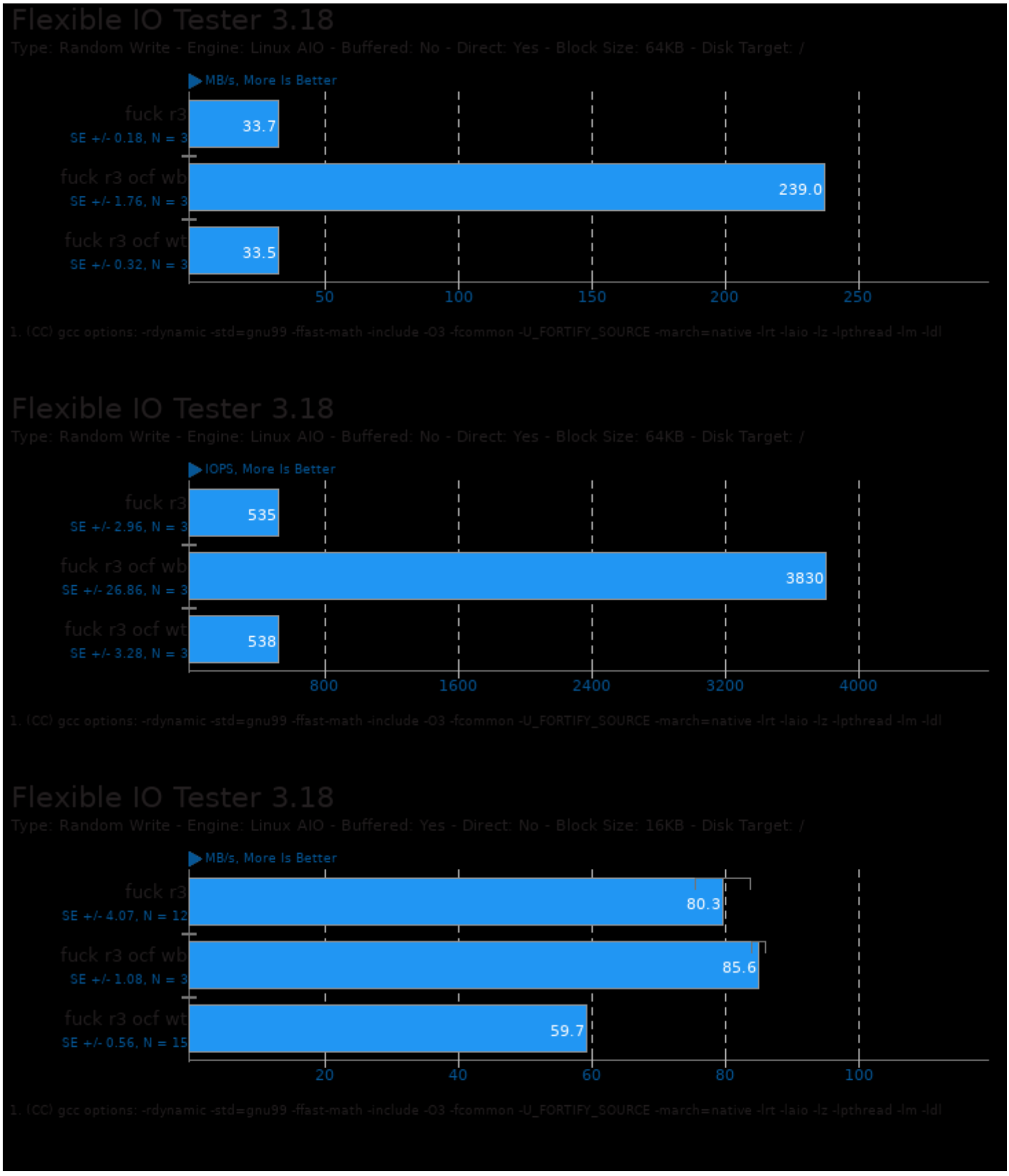

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.04, N = 3
673
fuck r3 ocf wb
SE +/- 20.09, N = 3
7290
fuck r3 ocf wt
SE +/- 5.51, N = 3
672
1600
3200
4800
6400
8000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.016, N = 3
5.256
fuck r3 ocf wb
SE +/- 0.145, N = 3
55.700
fuck r3 ocf wt
SE +/- 0.045, N = 3
5.154
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.86, N = 3
653
fuck r3 ocf wb
SE +/- 18.82, N = 3
7125
fuck r3 ocf wt
SE +/- 5.70, N = 3
641
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

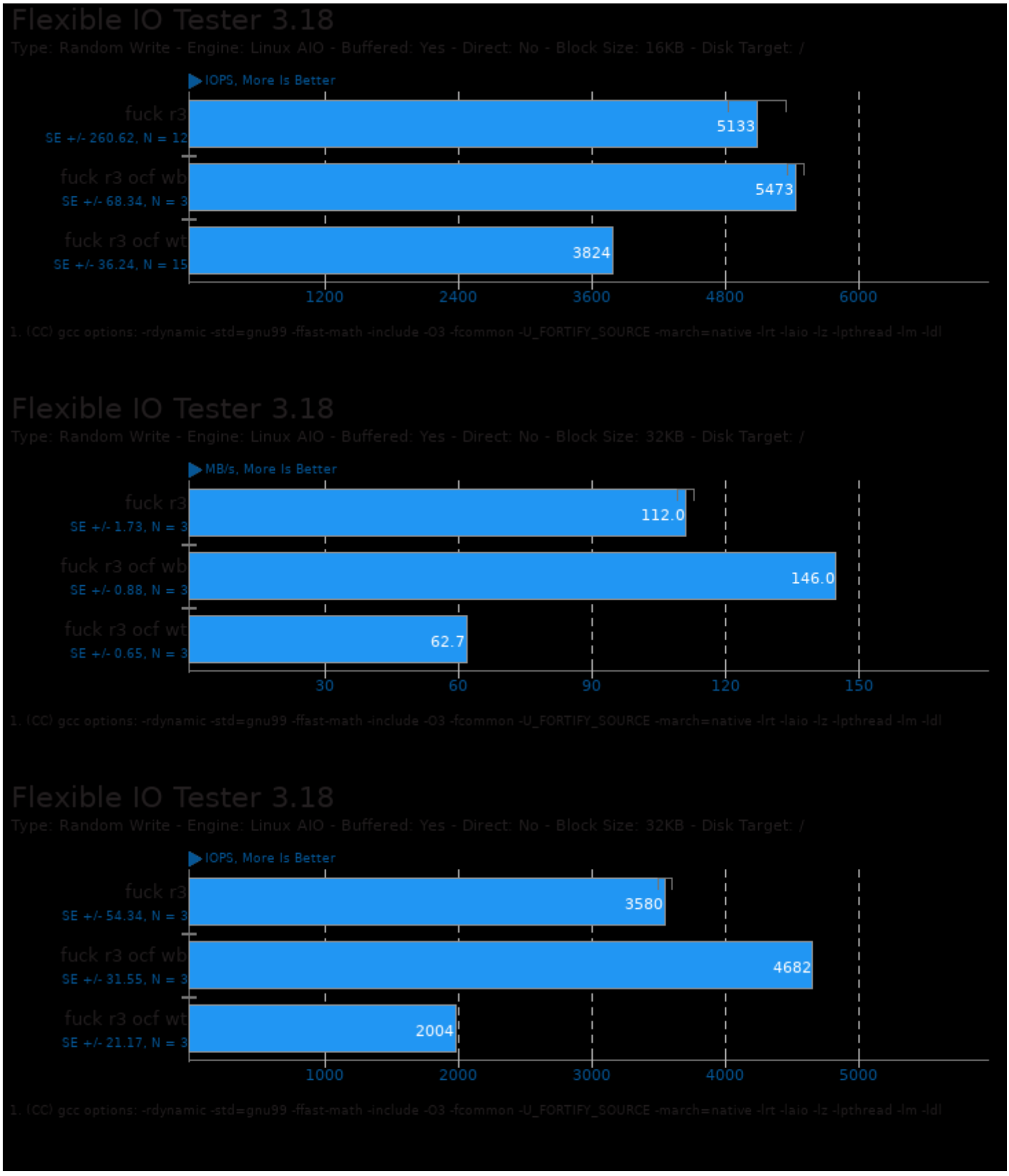

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.12, N = 3
30.7
fuck r3 ocf wb
SE +/- 0.23, N = 3
31.0
fuck r3 ocf wt
SE +/- 0.20, N = 3
32.5
8
16
24
32
40
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 34.09, N = 3
7857
fuck r3 ocf wb
SE +/- 61.04, N = 3
7923
fuck r3 ocf wt
SE +/- 47.67, N = 3
8322
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.12, N = 3
57.2
fuck r3 ocf wb
SE +/- 0.29, N = 3
59.2
fuck r3 ocf wt
SE +/- 0.48, N = 15
58.3
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

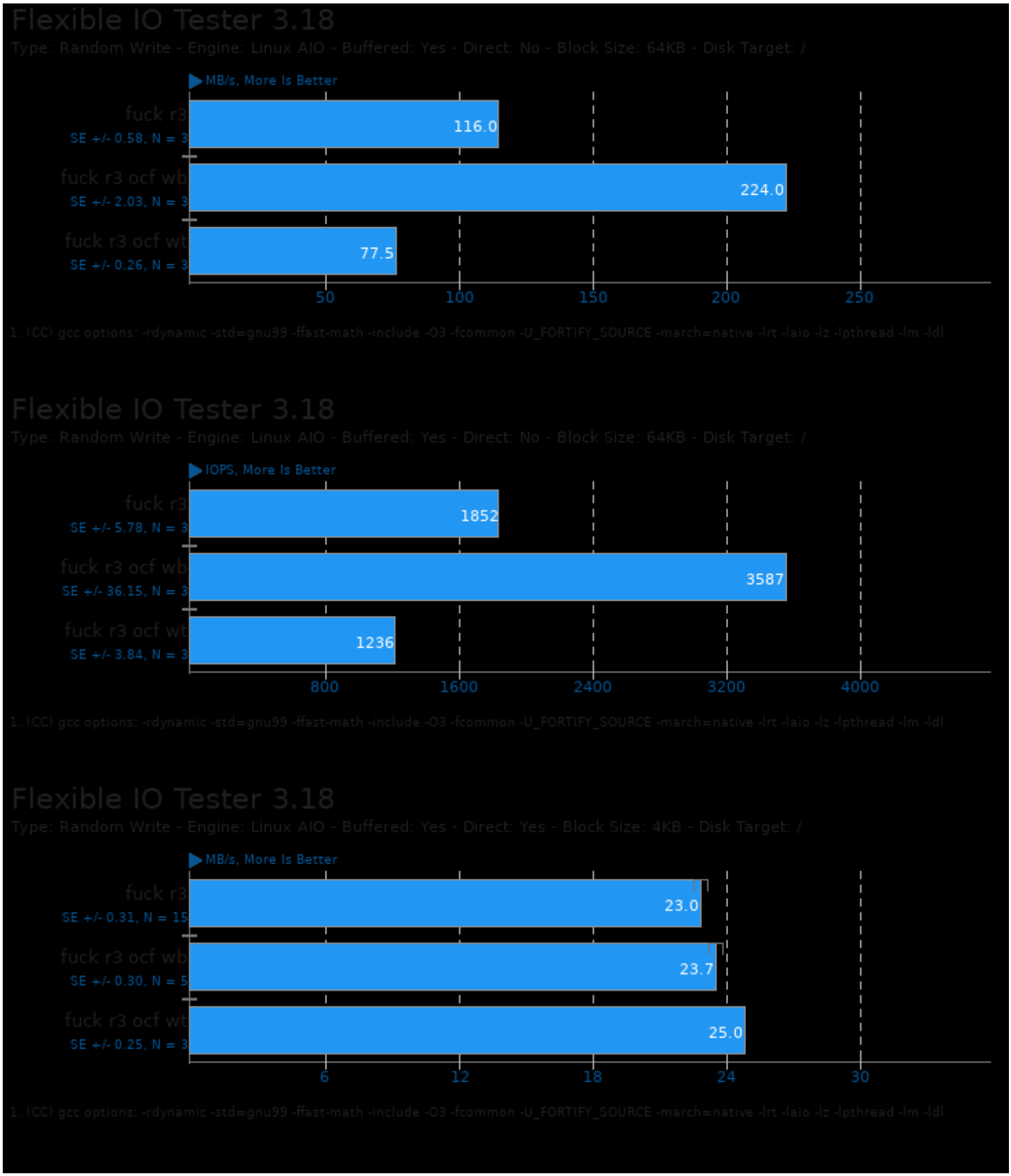

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 27.47, N = 3
7363
fuck r3 ocf wb
7575
fuck r3 ocf wt
SE +/- 61.37, N = 15
7471
1600
3200
4800
6400
8000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.95, N = 12
55.6
fuck r3 ocf wb
SE +/- 3.28, N = 3
242.0
fuck r3 ocf wt
SE +/- 1.16, N = 12
55.5
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 7.82, N = 12
442
fuck r3 ocf wb
SE +/- 25.89, N = 3
1928
fuck r3 ocf wt
SE +/- 9.31, N = 12
441
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

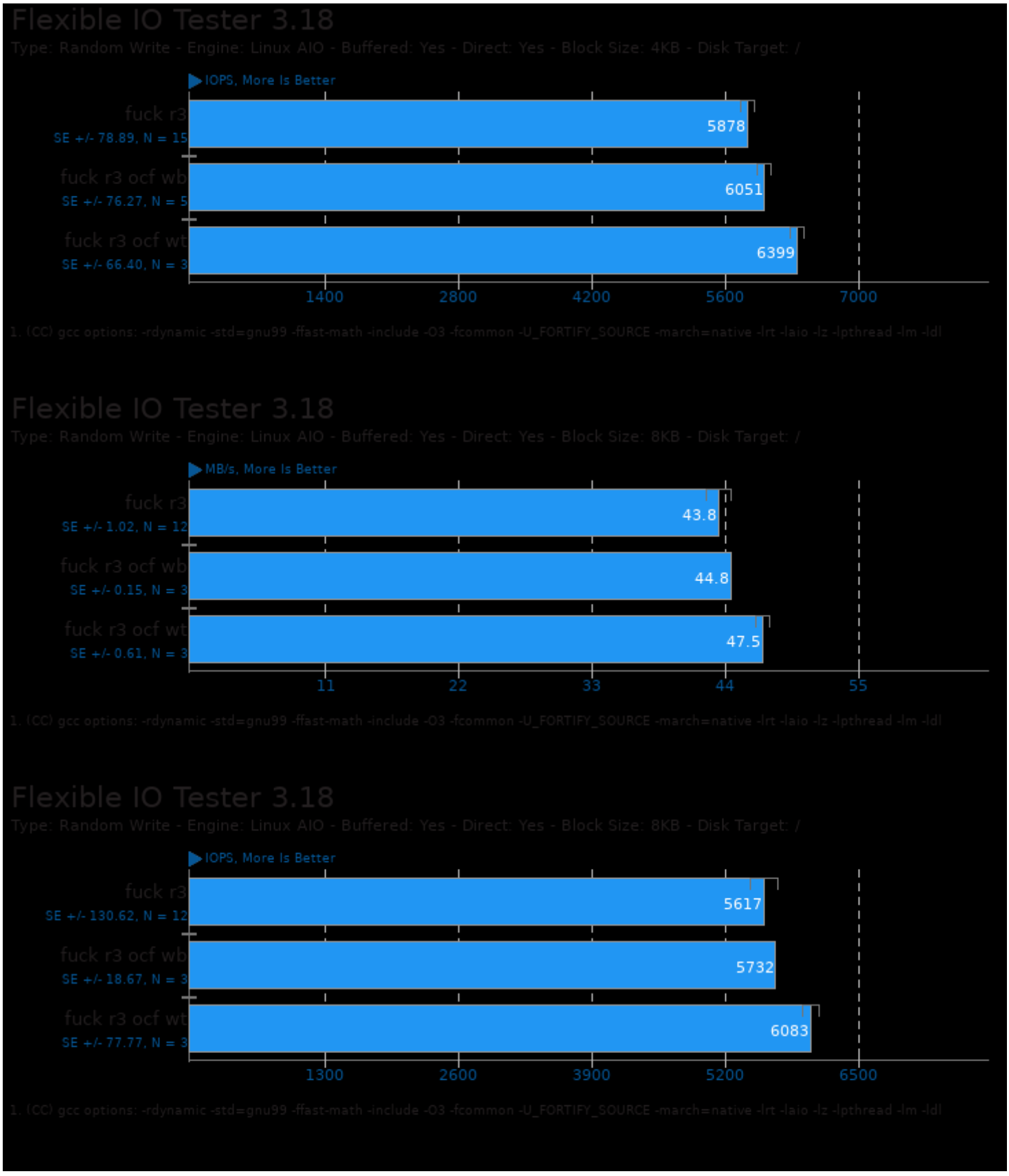

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.44, N = 3
77.0
fuck r3 ocf wb
SE +/- 2.40, N = 3
240.0
fuck r3 ocf wt
SE +/- 0.12, N = 3
75.9
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.86, N = 3
304
fuck r3 ocf wb
SE +/- 8.97, N = 3
955
fuck r3 ocf wt
SE +/- 0.12, N = 3
301
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.01, N = 3
9.97
fuck r3 ocf wb
SE +/- 1.45, N = 3
103.00
fuck r3 ocf wt
SE +/- 0.02, N = 3
9.84
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

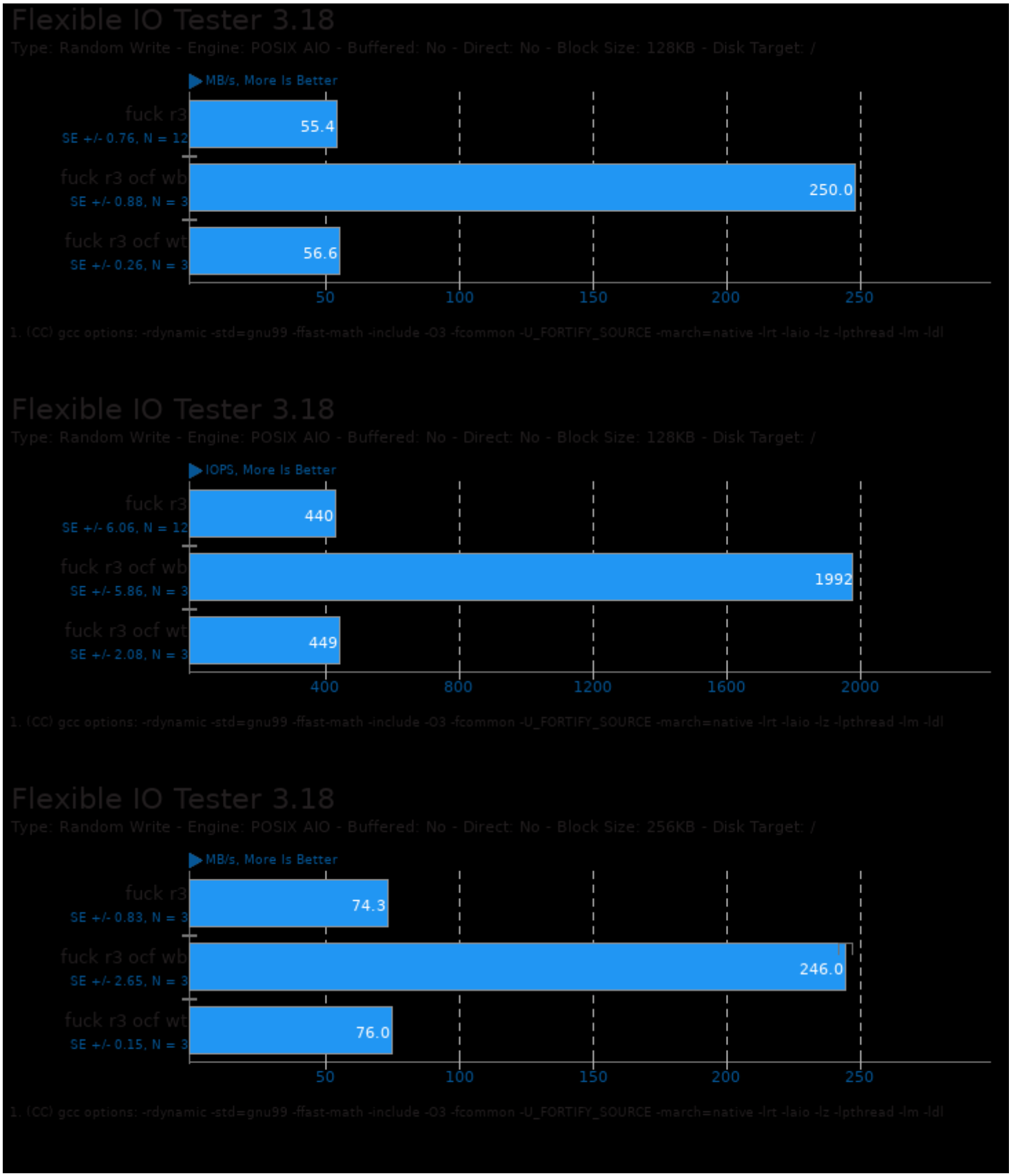

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.20, N = 3
635
fuck r3 ocf wb
SE +/- 85.93, N = 3
6616
fuck r3 ocf wt
SE +/- 1.53, N = 3
626
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.03, N = 3
18.6
fuck r3 ocf wb
SE +/- 1.45, N = 3
186.0
fuck r3 ocf wt
SE +/- 0.27, N = 4
18.3
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.00, N = 3
591
fuck r3 ocf wb
SE +/- 41.01, N = 3
5958
fuck r3 ocf wt
583
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

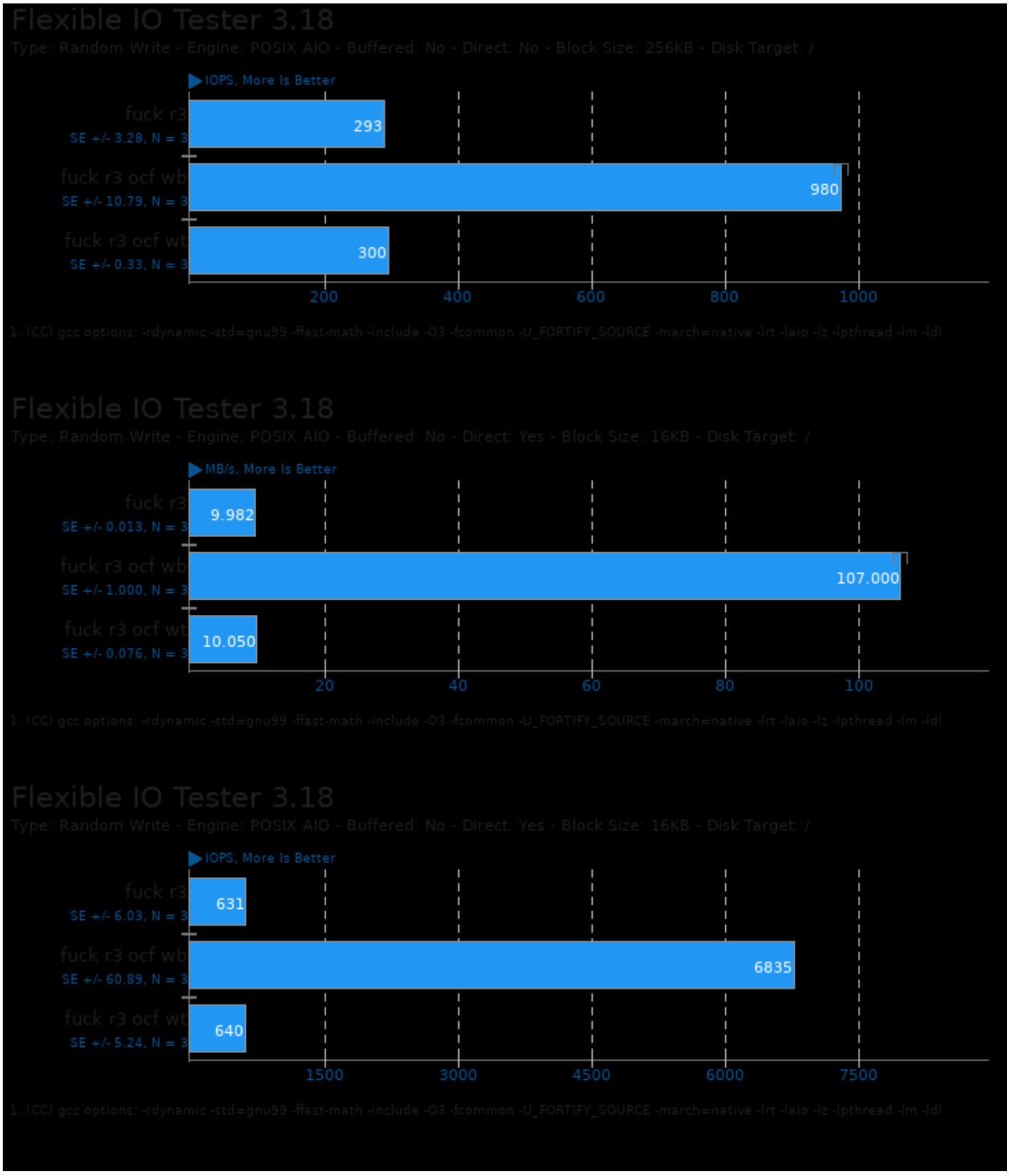

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.18, N = 3
33.7
fuck r3 ocf wb
SE +/- 1.76, N = 3
239.0
fuck r3 ocf wt
SE +/- 0.32, N = 3
33.5
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.96, N = 3
535
fuck r3 ocf wb
SE +/- 26.86, N = 3
3830
fuck r3 ocf wt
SE +/- 3.28, N = 3
538
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 4.07, N = 12
80.3
fuck r3 ocf wb
SE +/- 1.08, N = 3
85.6
fuck r3 ocf wt
SE +/- 0.56, N = 15
59.7
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

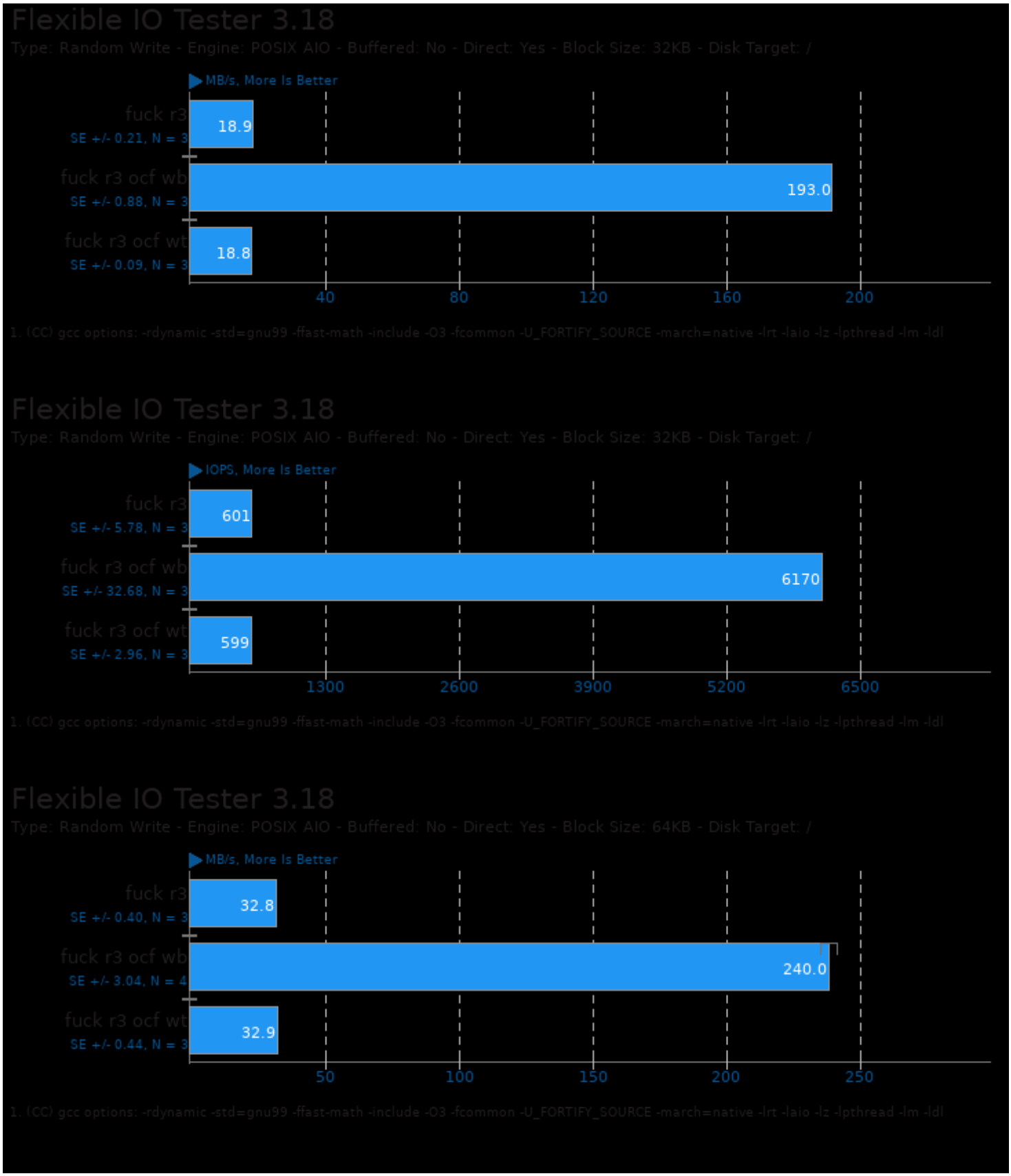

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 260.62, N = 12
5133
fuck r3 ocf wb
SE +/- 68.34, N = 3
5473
fuck r3 ocf wt
SE +/- 36.24, N = 15
3824
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.73, N = 3
112.0
fuck r3 ocf wb
SE +/- 0.88, N = 3
146.0
fuck r3 ocf wt
SE +/- 0.65, N = 3
62.7
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 54.34, N = 3
3580
fuck r3 ocf wb
SE +/- 31.55, N = 3
4682
fuck r3 ocf wt
SE +/- 21.17, N = 3
2004
1000
2000
3000
4000
5000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

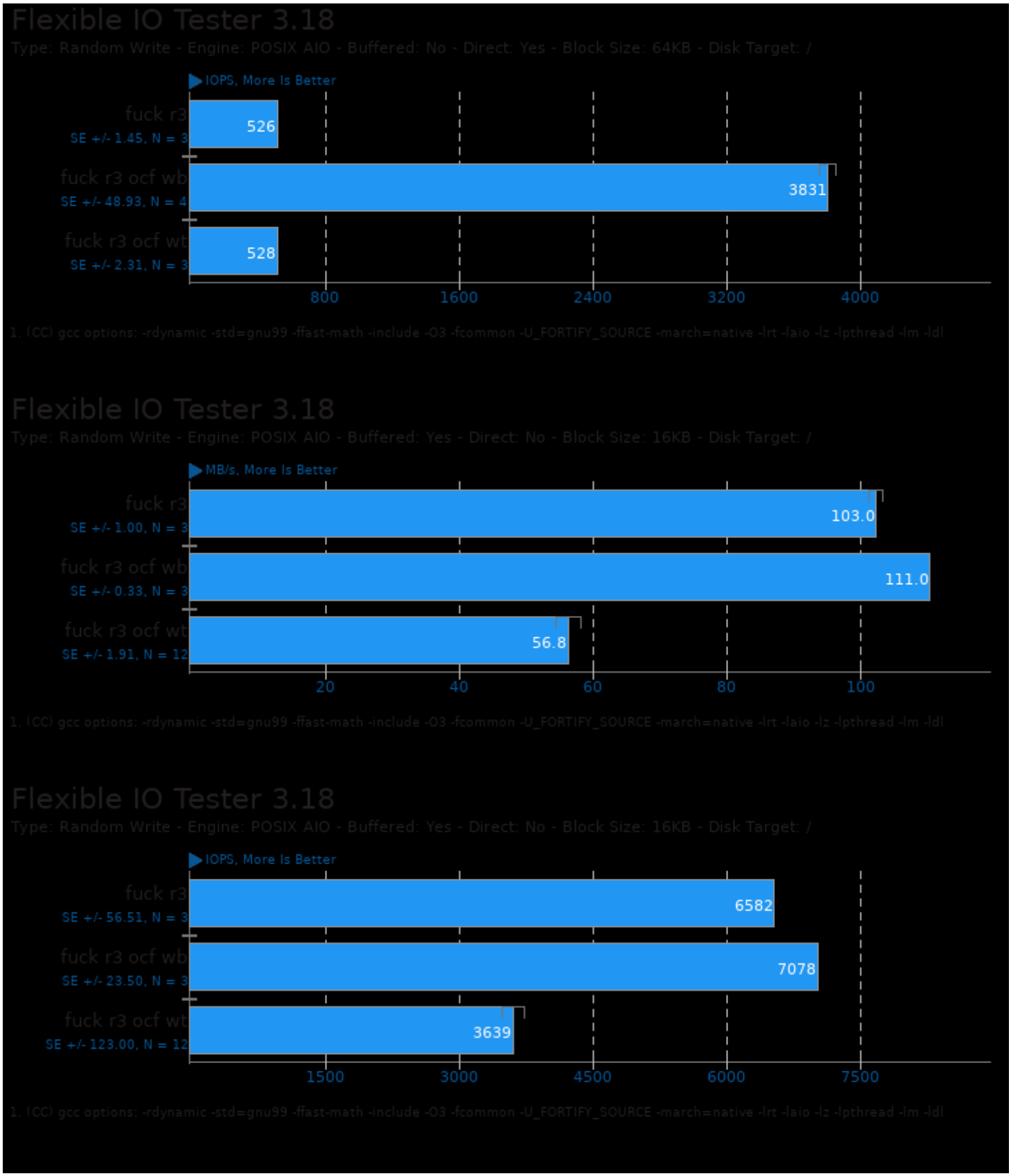

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.58, N = 3
116.0
fuck r3 ocf wb
SE +/- 2.03, N = 3
224.0
fuck r3 ocf wt
SE +/- 0.26, N = 3
77.5
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.78, N = 3
1852
fuck r3 ocf wb
SE +/- 36.15, N = 3
3587
fuck r3 ocf wt
SE +/- 3.84, N = 3
1236
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.31, N = 15
23.0
fuck r3 ocf wb
SE +/- 0.30, N = 5
23.7
fuck r3 ocf wt
SE +/- 0.25, N = 3
25.0
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

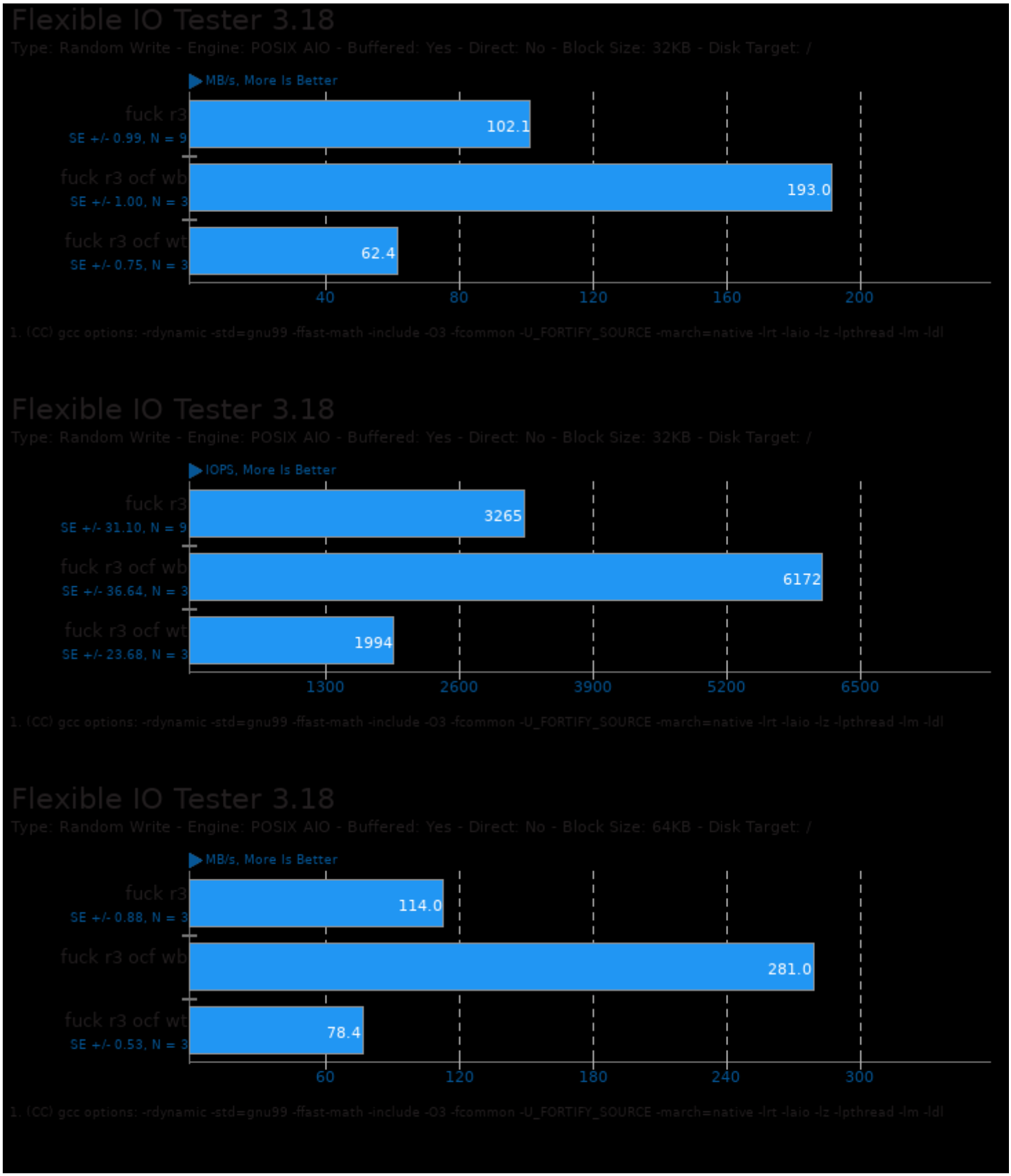

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 78.89, N = 15
5878
fuck r3 ocf wb
SE +/- 76.27, N = 5
6051
fuck r3 ocf wt
SE +/- 66.40, N = 3
6399
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.02, N = 12
43.8
fuck r3 ocf wb
SE +/- 0.15, N = 3
44.8
fuck r3 ocf wt
SE +/- 0.61, N = 3
47.5
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 130.62, N = 12
5617
fuck r3 ocf wb
SE +/- 18.67, N = 3
5732
fuck r3 ocf wt
SE +/- 77.77, N = 3
6083
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.76, N = 12
55.4
fuck r3 ocf wb
SE +/- 0.88, N = 3
250.0
fuck r3 ocf wt
SE +/- 0.26, N = 3
56.6
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 6.06, N = 12
440
fuck r3 ocf wb
SE +/- 5.86, N = 3
1992
fuck r3 ocf wt
SE +/- 2.08, N = 3
449
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.83, N = 3
74.3
fuck r3 ocf wb
SE +/- 2.65, N = 3
246.0
fuck r3 ocf wt
SE +/- 0.15, N = 3
76.0
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

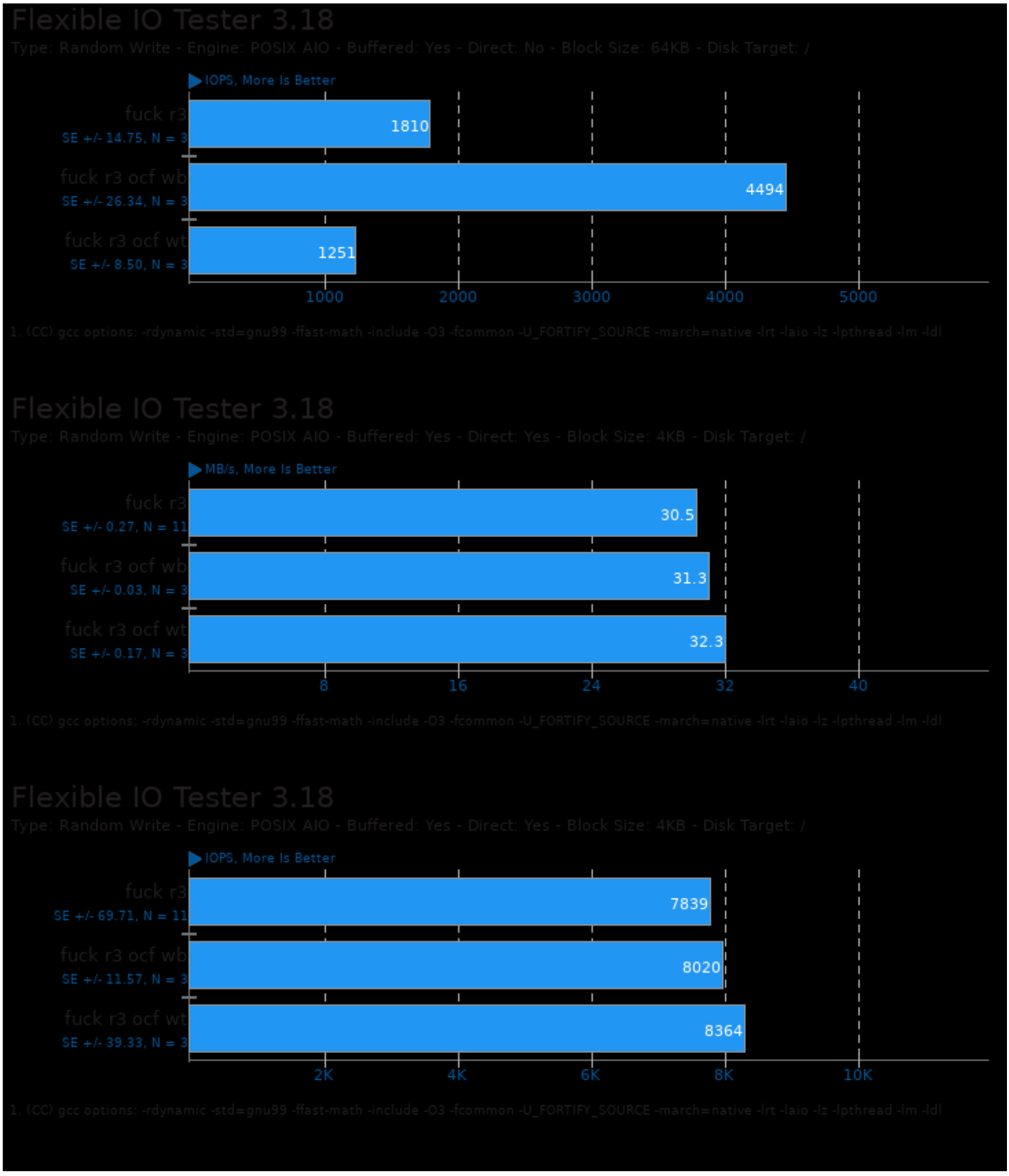

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 3.28, N = 3
293
fuck r3 ocf wb
SE +/- 10.79, N = 3
980
fuck r3 ocf wt
SE +/- 0.33, N = 3
300
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.013, N = 3
9.982
fuck r3 ocf wb
SE +/- 1.000, N = 3
107.000
fuck r3 ocf wt
SE +/- 0.076, N = 3
10.050
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 6.03, N = 3
631
fuck r3 ocf wb
SE +/- 60.89, N = 3
6835
fuck r3 ocf wt
SE +/- 5.24, N = 3
640
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

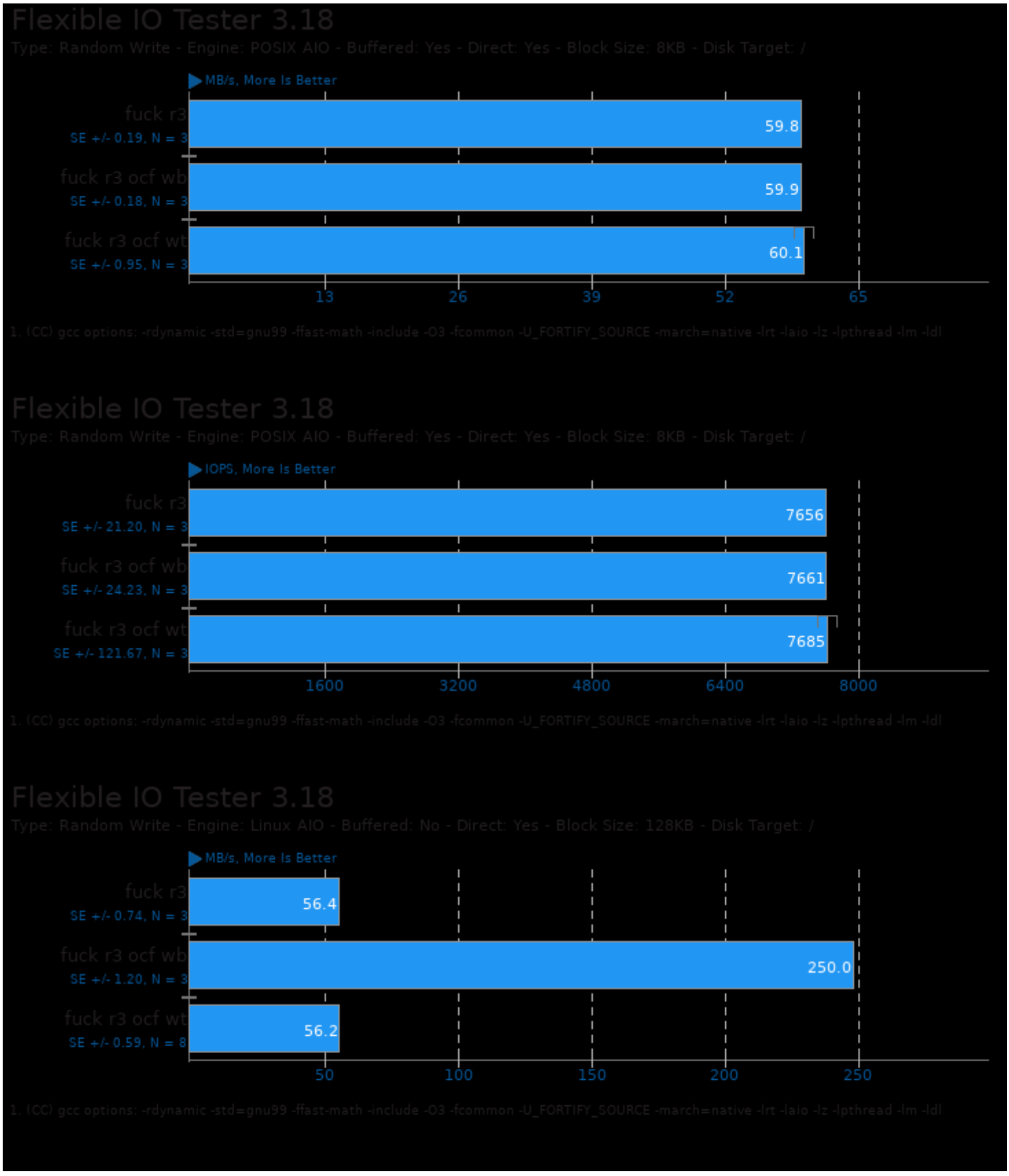

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.21, N = 3
18.9
fuck r3 ocf wb
SE +/- 0.88, N = 3
193.0
fuck r3 ocf wt
SE +/- 0.09, N = 3
18.8
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.78, N = 3
601
fuck r3 ocf wb
SE +/- 32.68, N = 3
6170
fuck r3 ocf wt
SE +/- 2.96, N = 3
599
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.40, N = 3
32.8
fuck r3 ocf wb
SE +/- 3.04, N = 4
240.0
fuck r3 ocf wt
SE +/- 0.44, N = 3
32.9
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

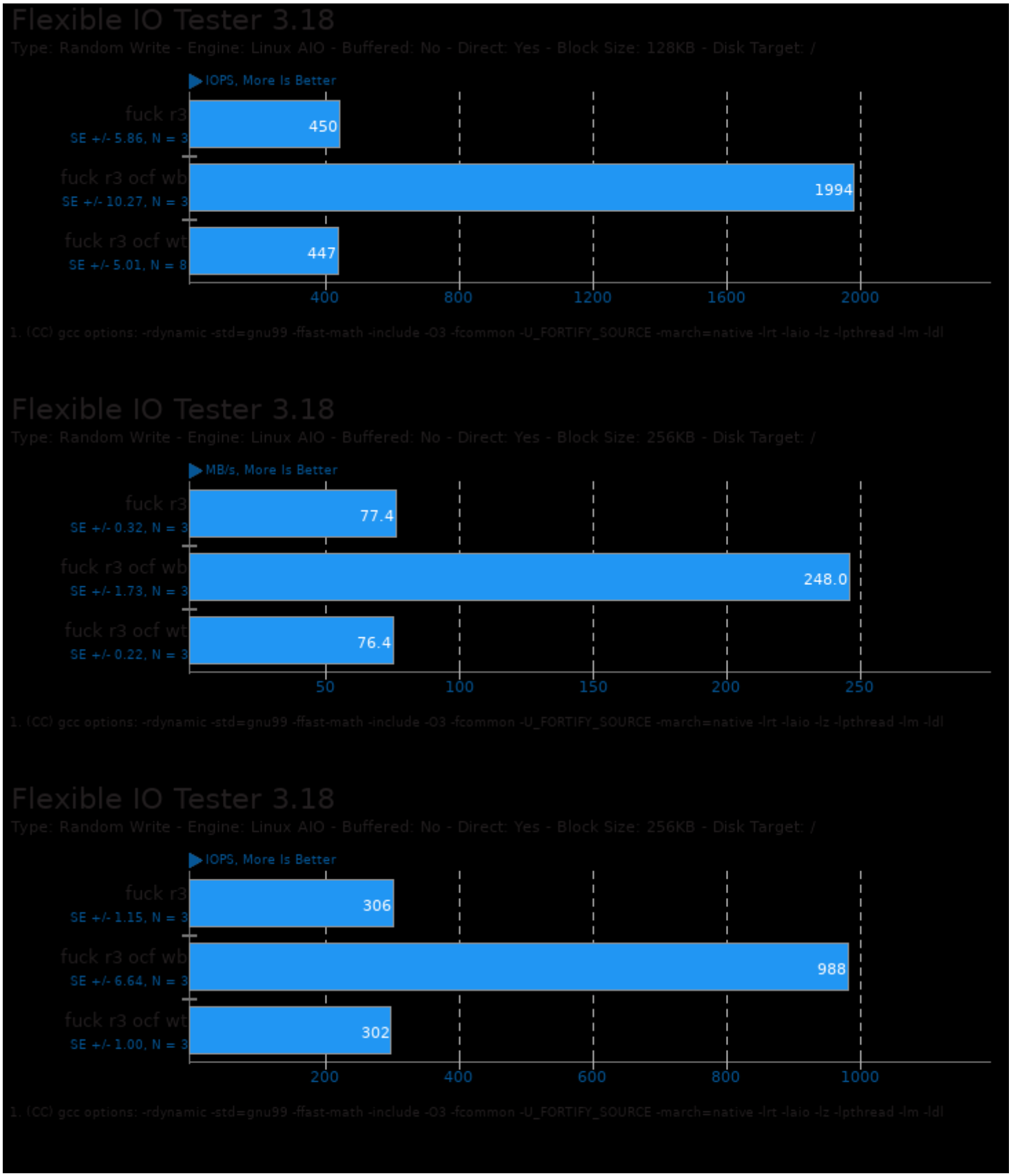

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.45, N = 3
526
fuck r3 ocf wb
SE +/- 48.93, N = 4
3831
fuck r3 ocf wt
SE +/- 2.31, N = 3
528
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.00, N = 3
103.0
fuck r3 ocf wb
SE +/- 0.33, N = 3
111.0
fuck r3 ocf wt
SE +/- 1.91, N = 12
56.8
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 56.51, N = 3
6582
fuck r3 ocf wb
SE +/- 23.50, N = 3
7078
fuck r3 ocf wt
SE +/- 123.00, N = 12
3639
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

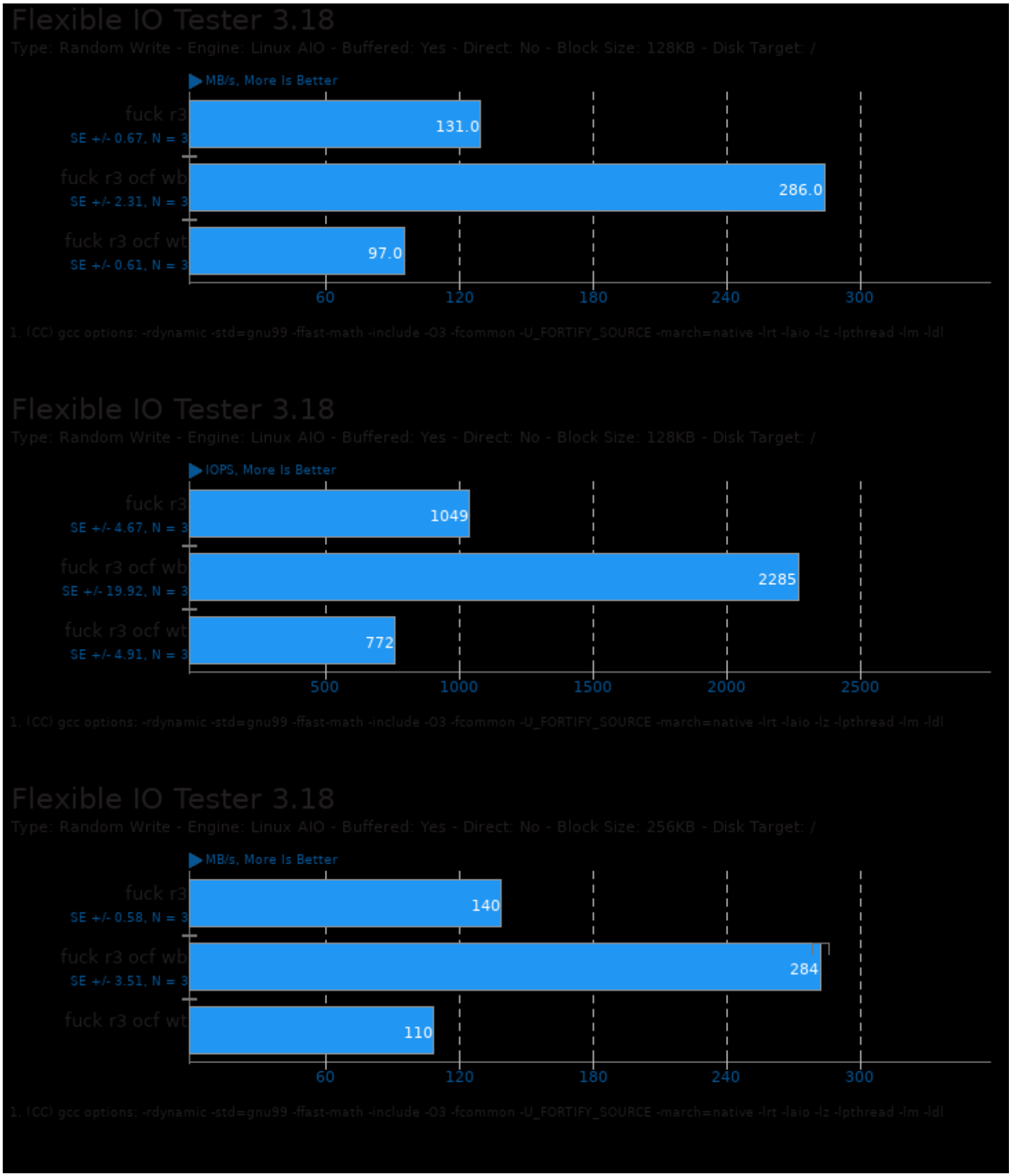

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.99, N = 9
102.1
fuck r3 ocf wb
SE +/- 1.00, N = 3
193.0
fuck r3 ocf wt
SE +/- 0.75, N = 3
62.4
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 31.10, N = 9
3265
fuck r3 ocf wb
SE +/- 36.64, N = 3
6172
fuck r3 ocf wt
SE +/- 23.68, N = 3
1994
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.88, N = 3
114.0
fuck r3 ocf wb
281.0
fuck r3 ocf wt
SE +/- 0.53, N = 3
78.4
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

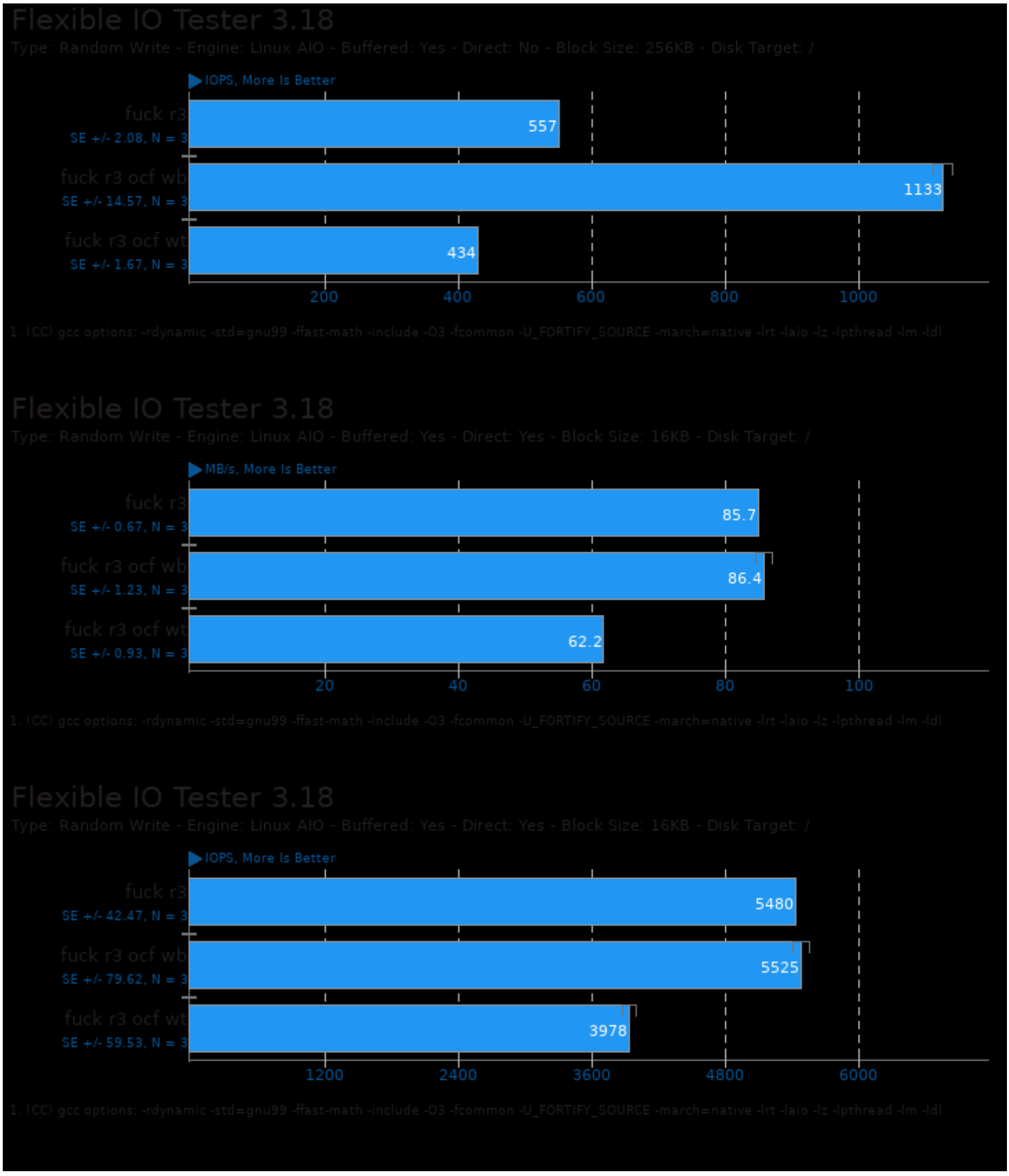
die-re-ct

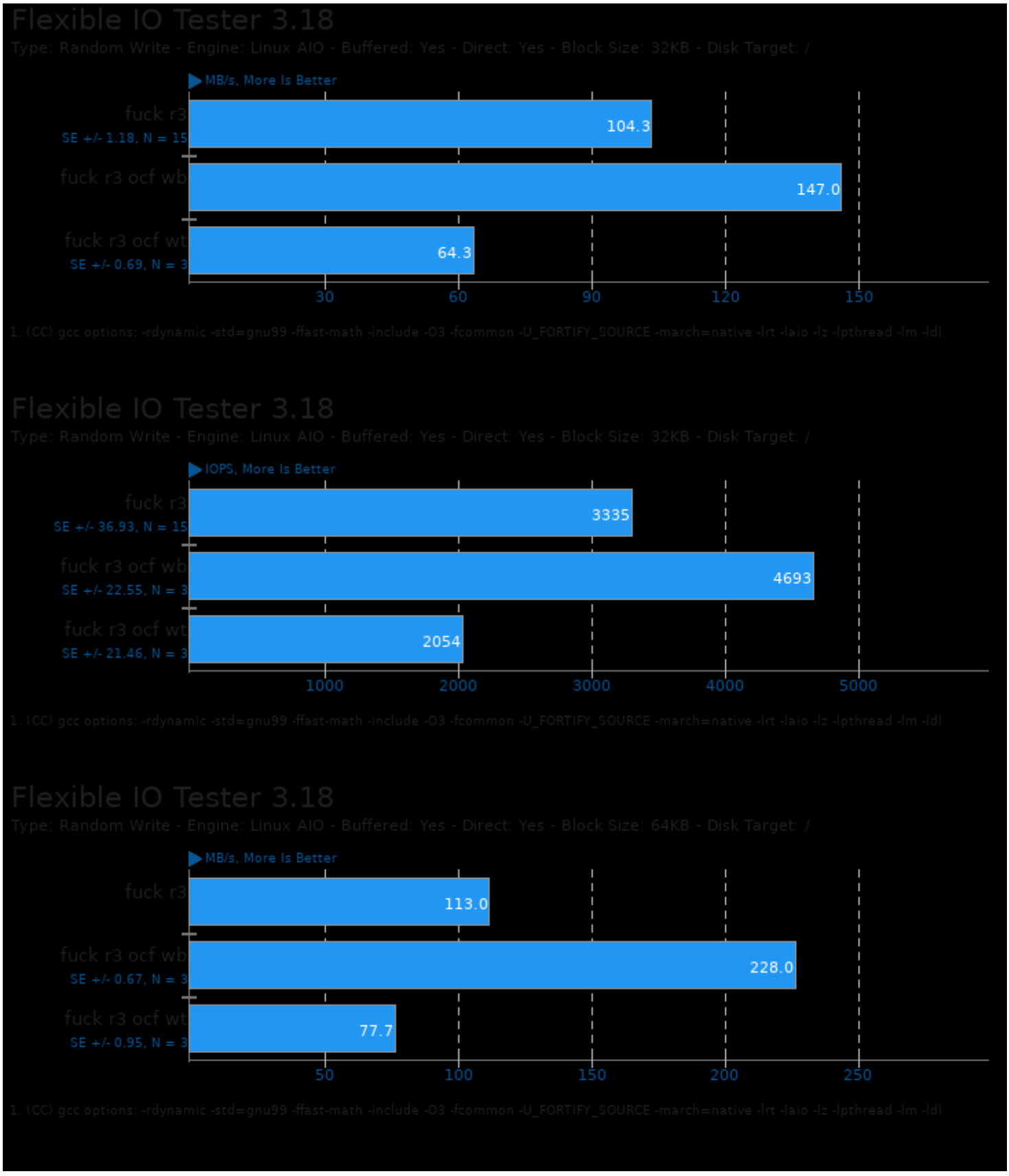

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 14.75, N = 3
1810
fuck r3 ocf wb
SE +/- 26.34, N = 3
4494
fuck r3 ocf wt
SE +/- 8.50, N = 3
1251
1000
2000
3000
4000
5000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.27, N = 11
30.5
fuck r3 ocf wb
SE +/- 0.03, N = 3
31.3
fuck r3 ocf wt
SE +/- 0.17, N = 3
32.3
8
16
24
32
40
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 69.71, N = 11
7839
fuck r3 ocf wb
SE +/- 11.57, N = 3
8020
fuck r3 ocf wt
SE +/- 39.33, N = 3
8364
2K
4K
6K
8K
10K
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

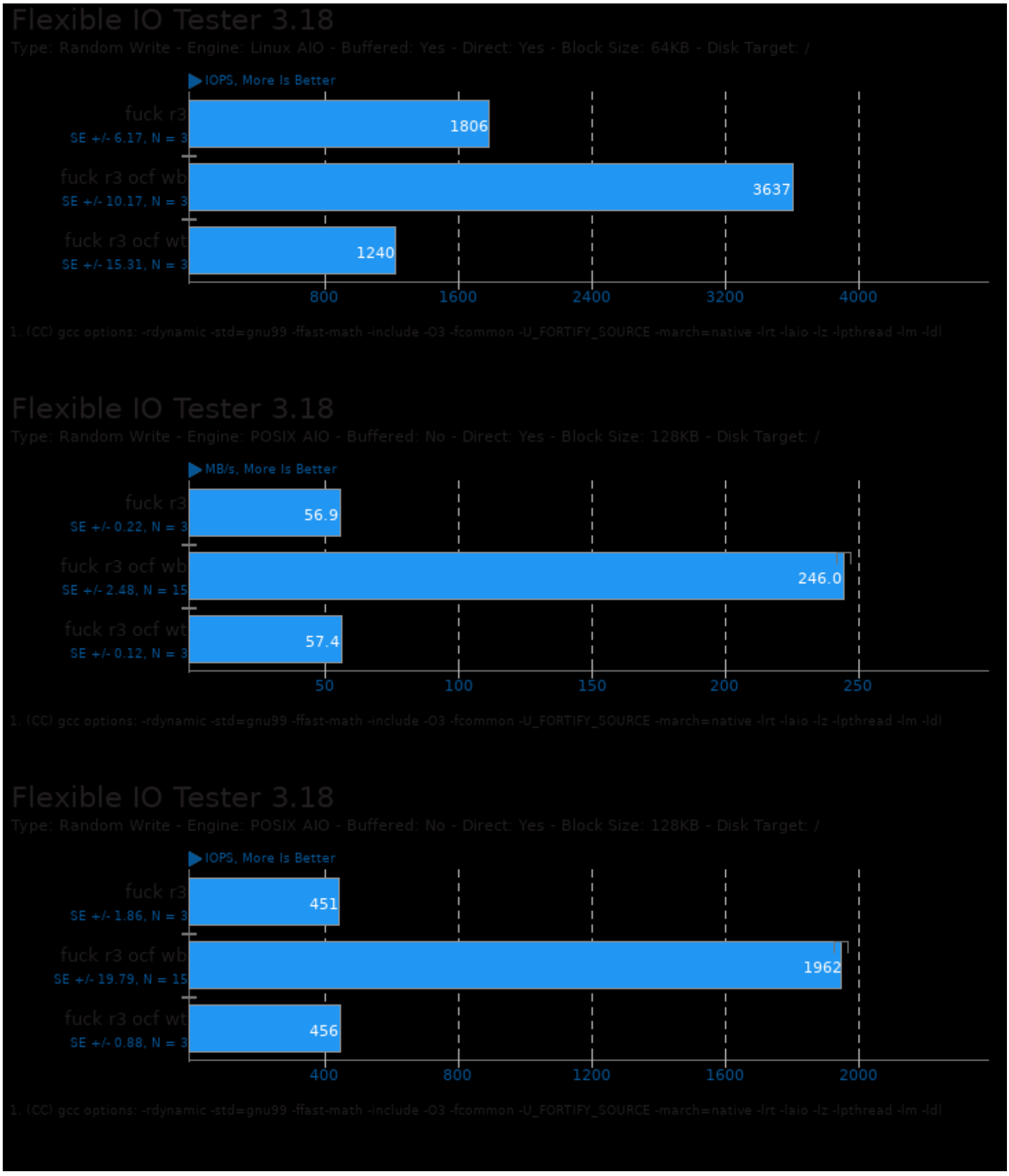

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.19, N = 3
59.8
fuck r3 ocf wb
SE +/- 0.18, N = 3
59.9
fuck r3 ocf wt
SE +/- 0.95, N = 3
60.1
13
26
39
52
65
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 21.20, N = 3
7656
fuck r3 ocf wb
SE +/- 24.23, N = 3
7661
fuck r3 ocf wt
SE +/- 121.67, N = 3
7685
1600
3200
4800
6400
8000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.74, N = 3
56.4
fuck r3 ocf wb
SE +/- 1.20, N = 3
250.0
fuck r3 ocf wt
SE +/- 0.59, N = 8
56.2
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

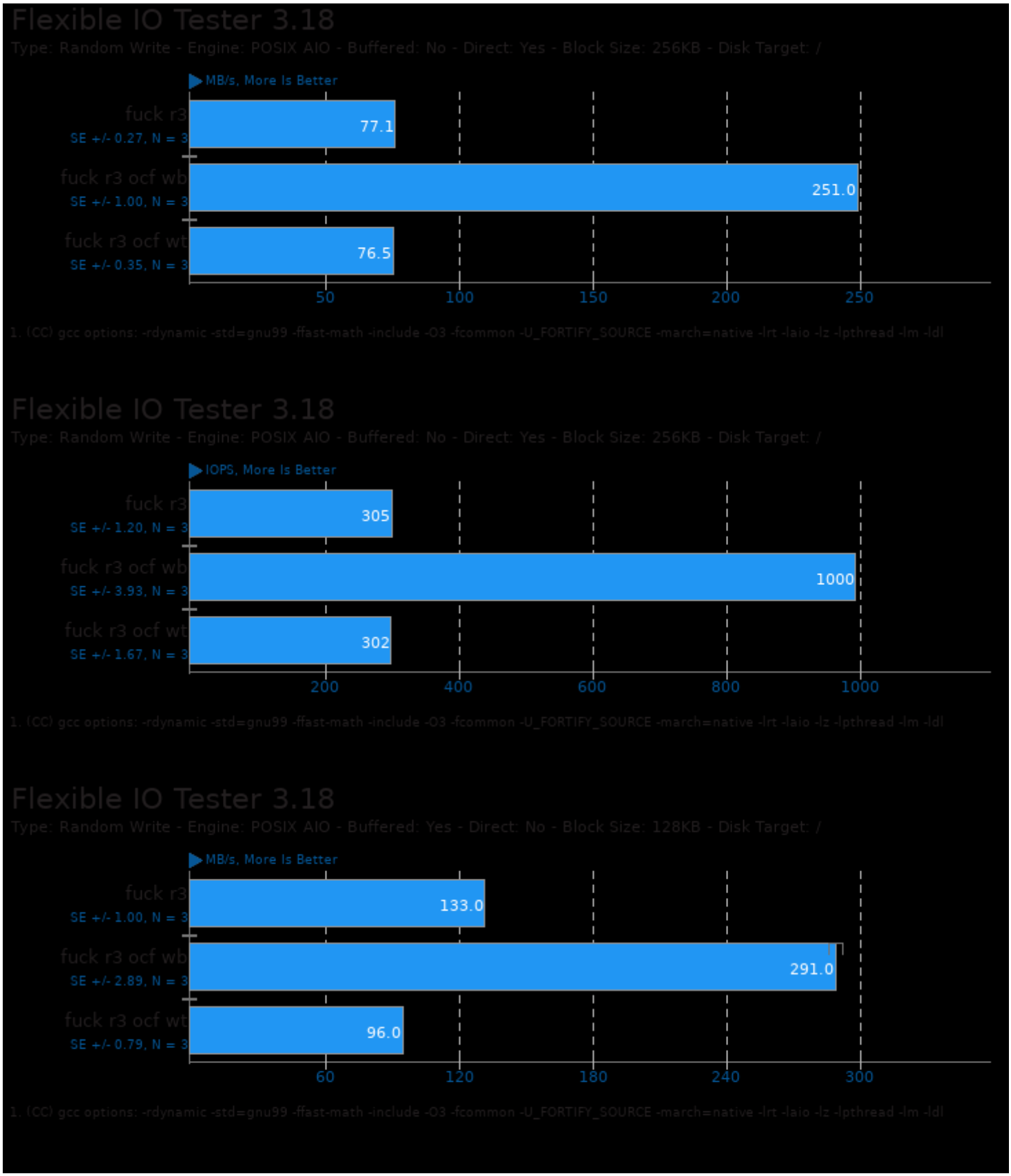

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.86, N = 3
450
fuck r3 ocf wb
SE +/- 10.27, N = 3
1994
fuck r3 ocf wt
SE +/- 5.01, N = 8
447
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.32, N = 3
77.4
fuck r3 ocf wb
SE +/- 1.73, N = 3
248.0
fuck r3 ocf wt
SE +/- 0.22, N = 3
76.4
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.15, N = 3
306
fuck r3 ocf wb
SE +/- 6.64, N = 3
988
fuck r3 ocf wt
SE +/- 1.00, N = 3
302
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

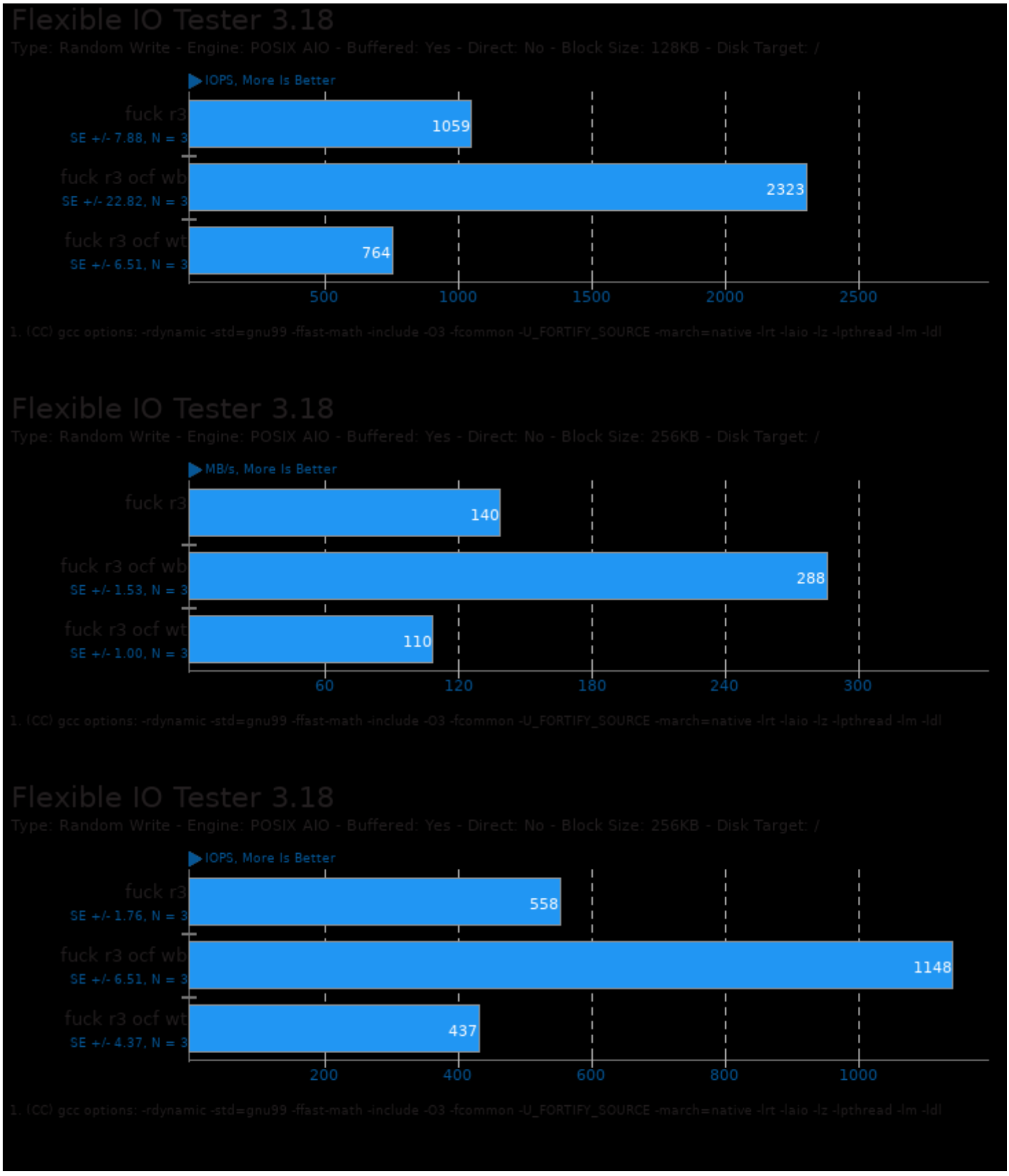

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.67, N = 3
131.0
fuck r3 ocf wb
SE +/- 2.31, N = 3
286.0
fuck r3 ocf wt
SE +/- 0.61, N = 3
97.0
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 4.67, N = 3
1049
fuck r3 ocf wb
SE +/- 19.92, N = 3
2285
fuck r3 ocf wt
SE +/- 4.91, N = 3
772
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.58, N = 3
140
fuck r3 ocf wb
SE +/- 3.51, N = 3
284
fuck r3 ocf wt
110
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

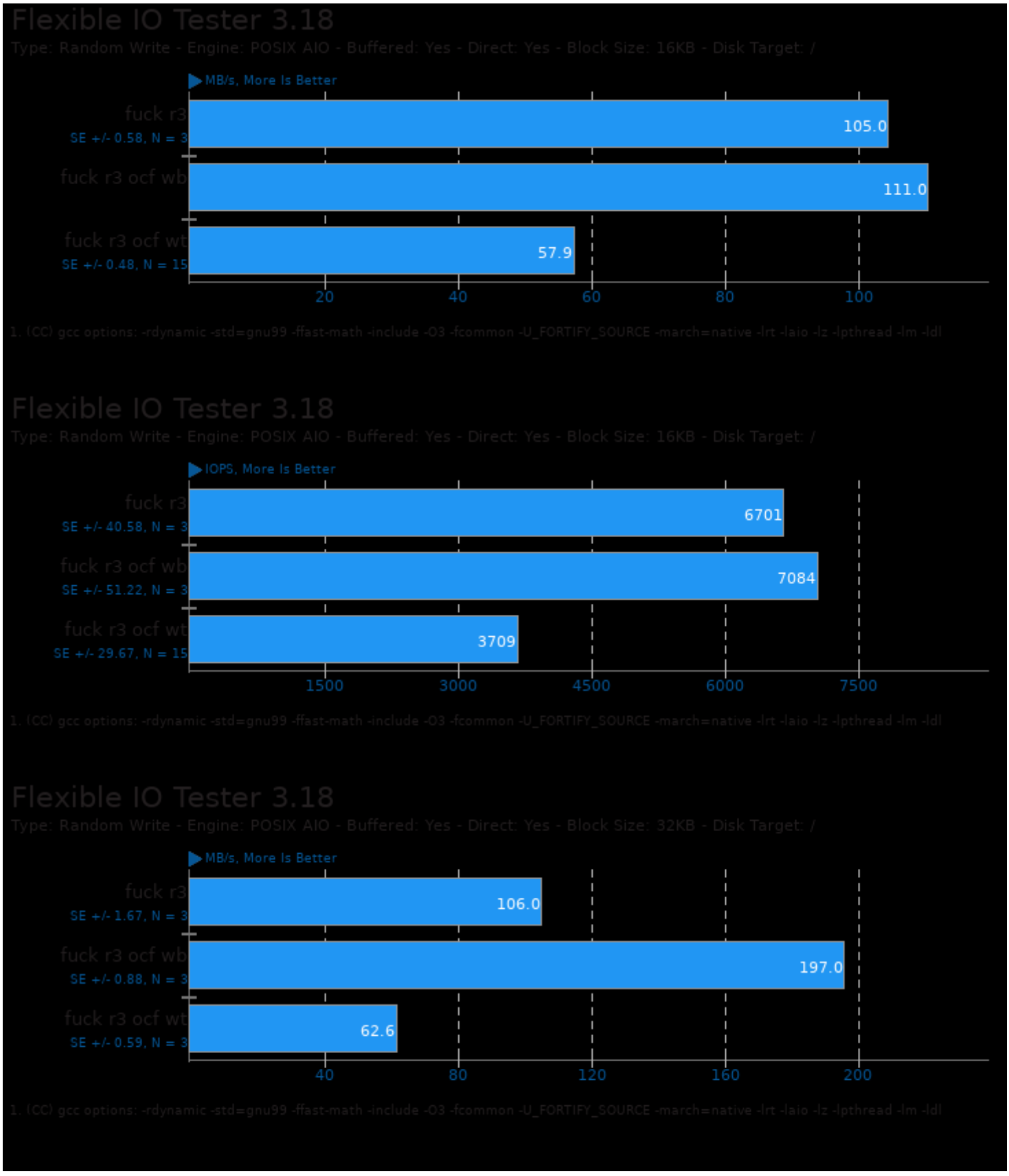

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.08, N = 3
557
fuck r3 ocf wb
SE +/- 14.57, N = 3
1133
fuck r3 ocf wt
SE +/- 1.67, N = 3
434
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.67, N = 3
85.7
fuck r3 ocf wb
SE +/- 1.23, N = 3
86.4
fuck r3 ocf wt
SE +/- 0.93, N = 3
62.2
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 42.47, N = 3
5480
fuck r3 ocf wb
SE +/- 79.62, N = 3
5525
fuck r3 ocf wt
SE +/- 59.53, N = 3
3978
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

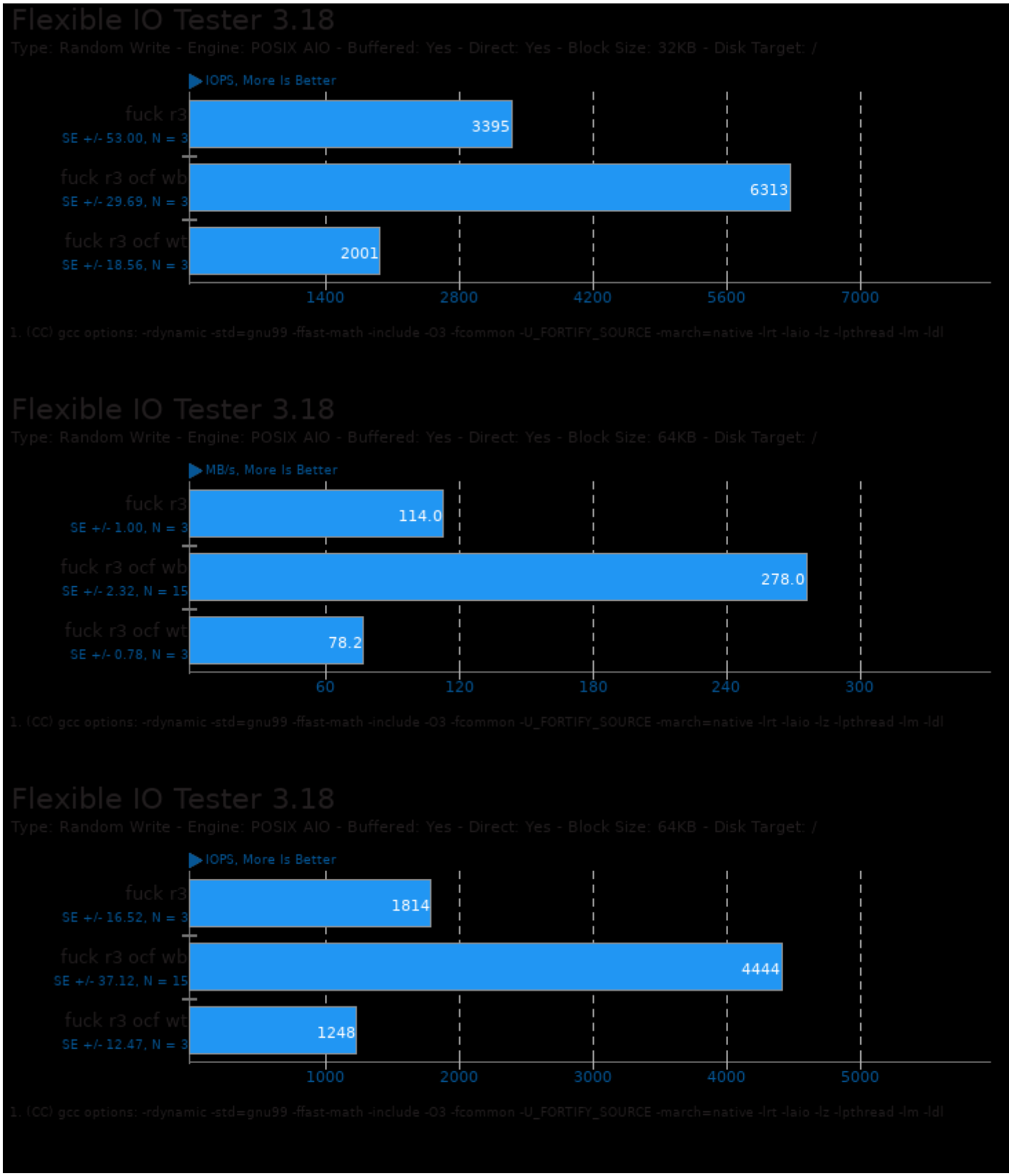

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.18, N = 15
104.3
fuck r3 ocf wb
147.0
fuck r3 ocf wt
SE +/- 0.69, N = 3
64.3
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 36.93, N = 15
3335
fuck r3 ocf wb
SE +/- 22.55, N = 3
4693
fuck r3 ocf wt
SE +/- 21.46, N = 3
2054
1000
2000
3000
4000
5000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
113.0
fuck r3 ocf wb
SE +/- 0.67, N = 3
228.0
fuck r3 ocf wt
SE +/- 0.95, N = 3
77.7
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

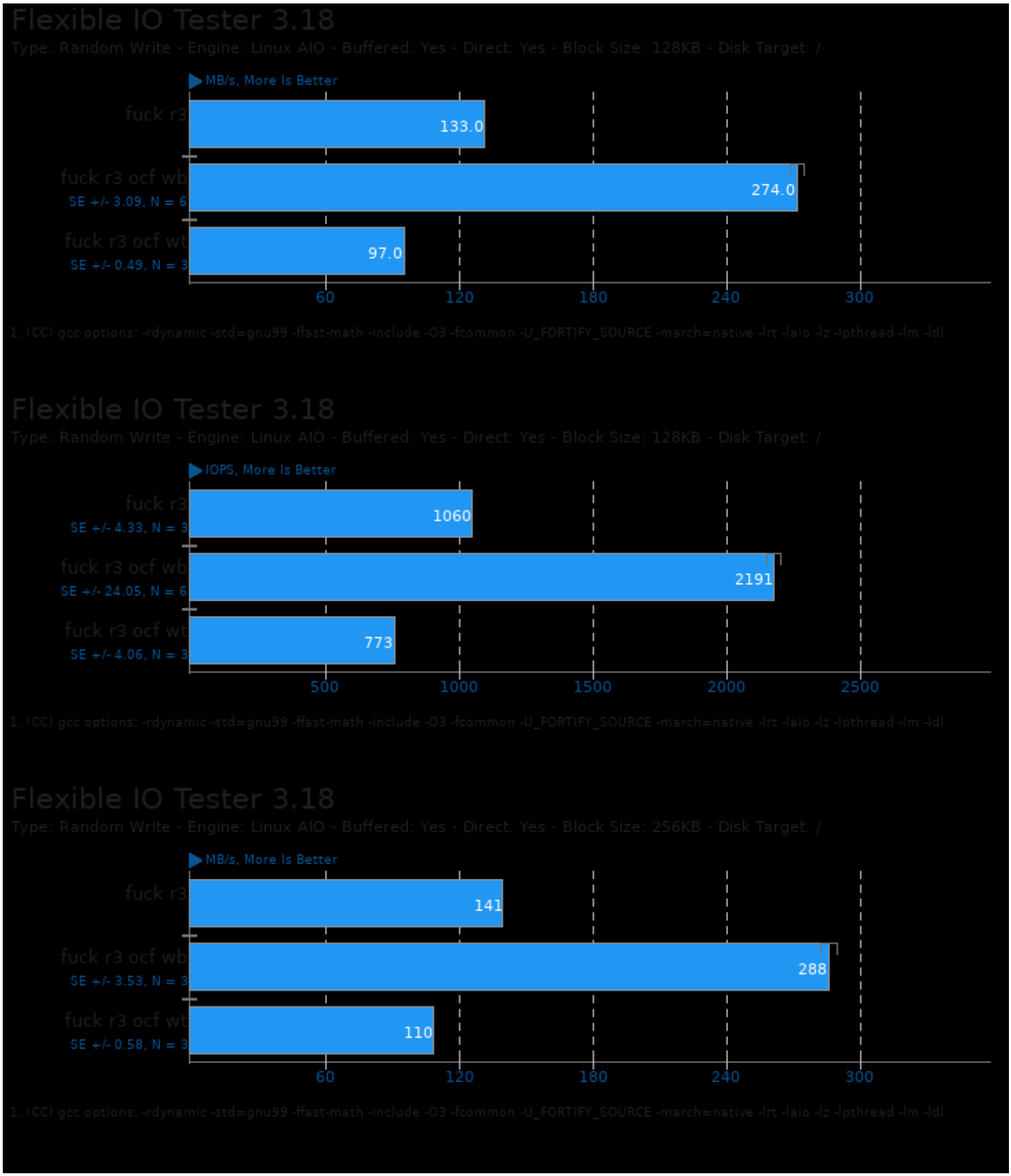

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 6.17, N = 3
1806
fuck r3 ocf wb
SE +/- 10.17, N = 3
3637
fuck r3 ocf wt
SE +/- 15.31, N = 3
1240
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.22, N = 3
56.9
fuck r3 ocf wb
SE +/- 2.48, N = 15
246.0
fuck r3 ocf wt
SE +/- 0.12, N = 3
57.4
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.86, N = 3
451
fuck r3 ocf wb
SE +/- 19.79, N = 15
1962
fuck r3 ocf wt
SE +/- 0.88, N = 3
456
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

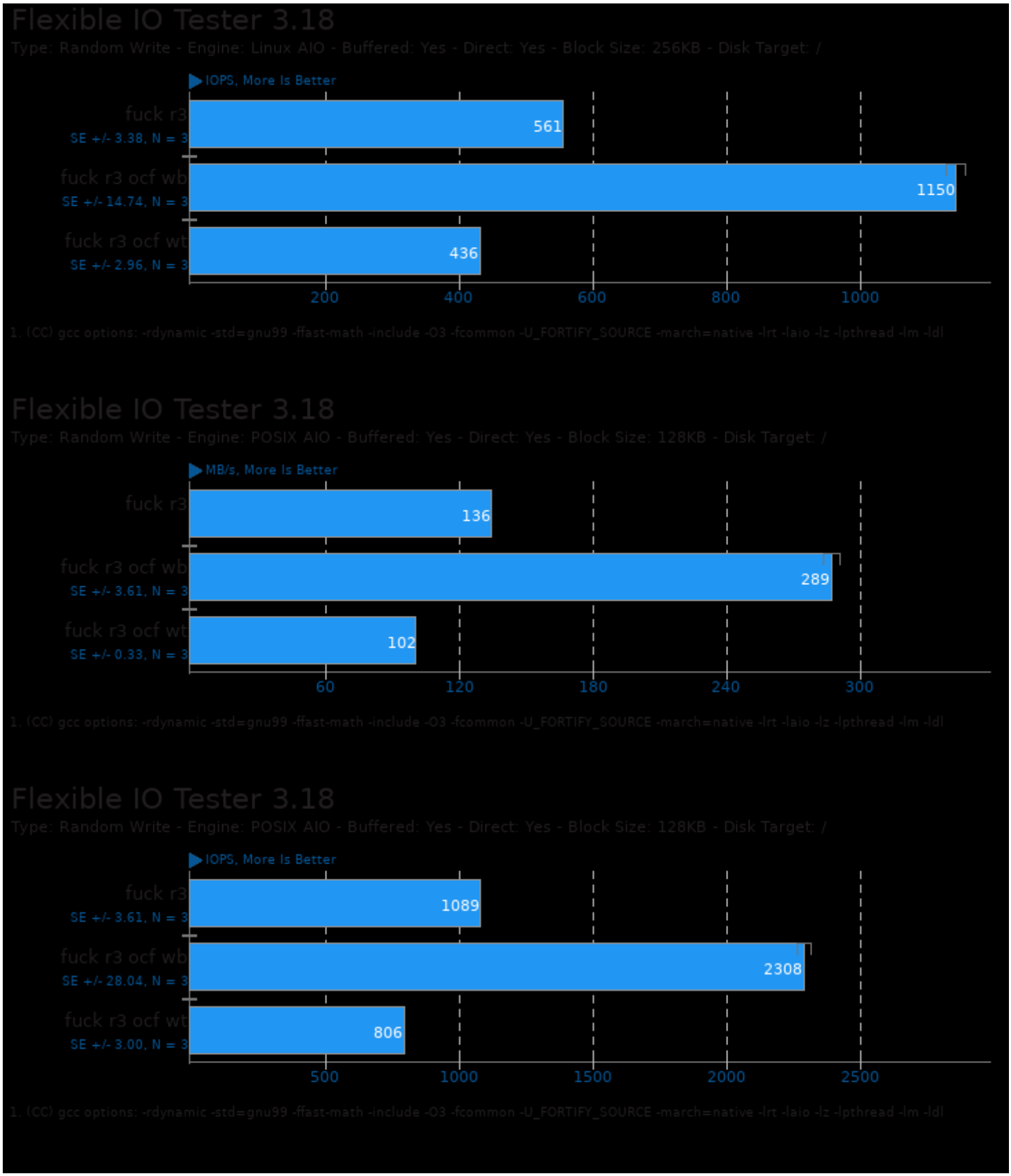

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.27, N = 3
77.1
fuck r3 ocf wb
SE +/- 1.00, N = 3
251.0
fuck r3 ocf wt
SE +/- 0.35, N = 3
76.5
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.20, N = 3
305
fuck r3 ocf wb
SE +/- 3.93, N = 3
1000
fuck r3 ocf wt
SE +/- 1.67, N = 3
302
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.00, N = 3
133.0
fuck r3 ocf wb
SE +/- 2.89, N = 3
291.0
fuck r3 ocf wt
SE +/- 0.79, N = 3
96.0
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

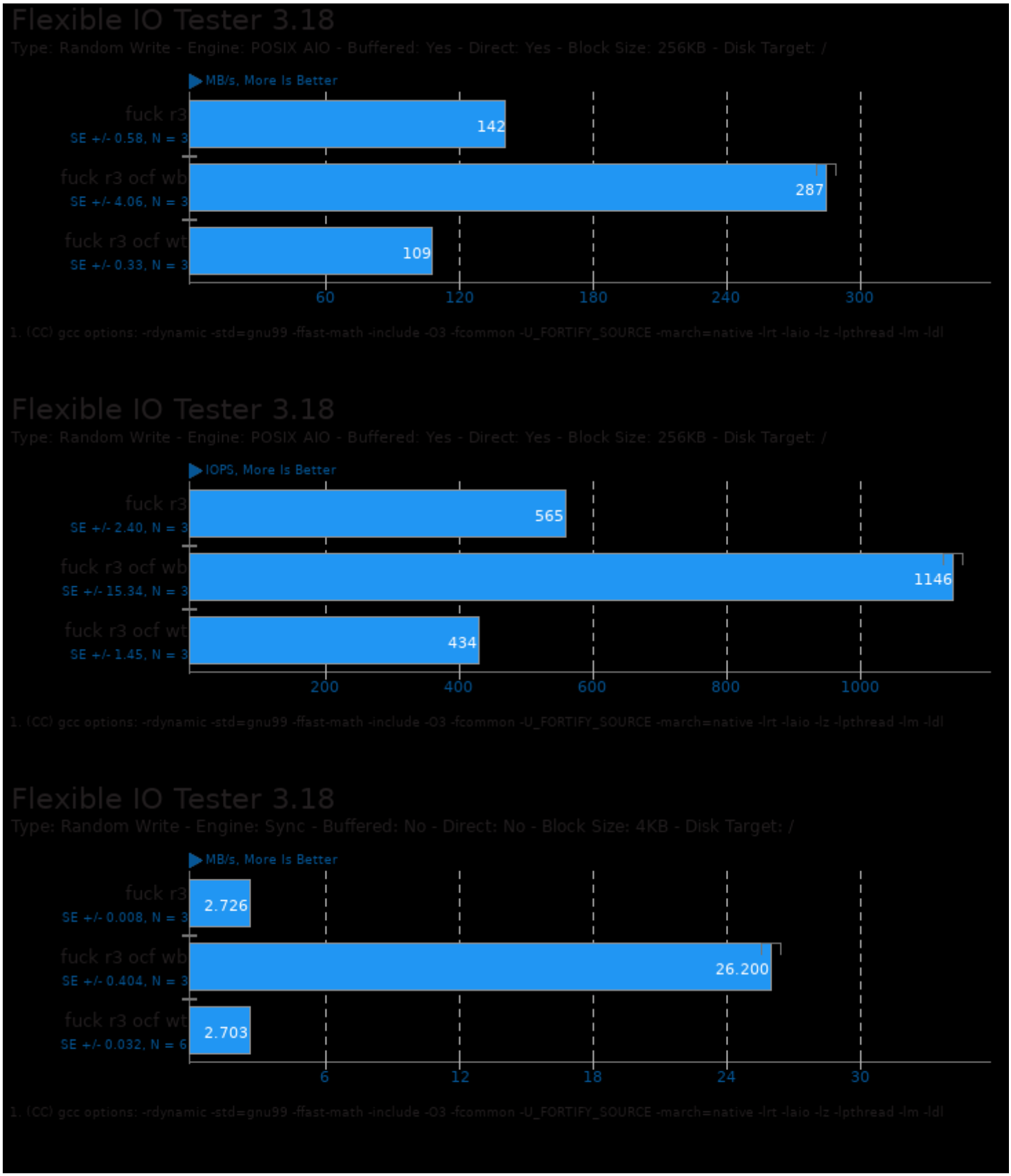

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 7.88, N = 3
1059
fuck r3 ocf wb
SE +/- 22.82, N = 3
2323
fuck r3 ocf wt
SE +/- 6.51, N = 3
764
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
140
fuck r3 ocf wb
SE +/- 1.53, N = 3
288
fuck r3 ocf wt
SE +/- 1.00, N = 3
110
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.76, N = 3
558
fuck r3 ocf wb
SE +/- 6.51, N = 3
1148
fuck r3 ocf wt
SE +/- 4.37, N = 3
437
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

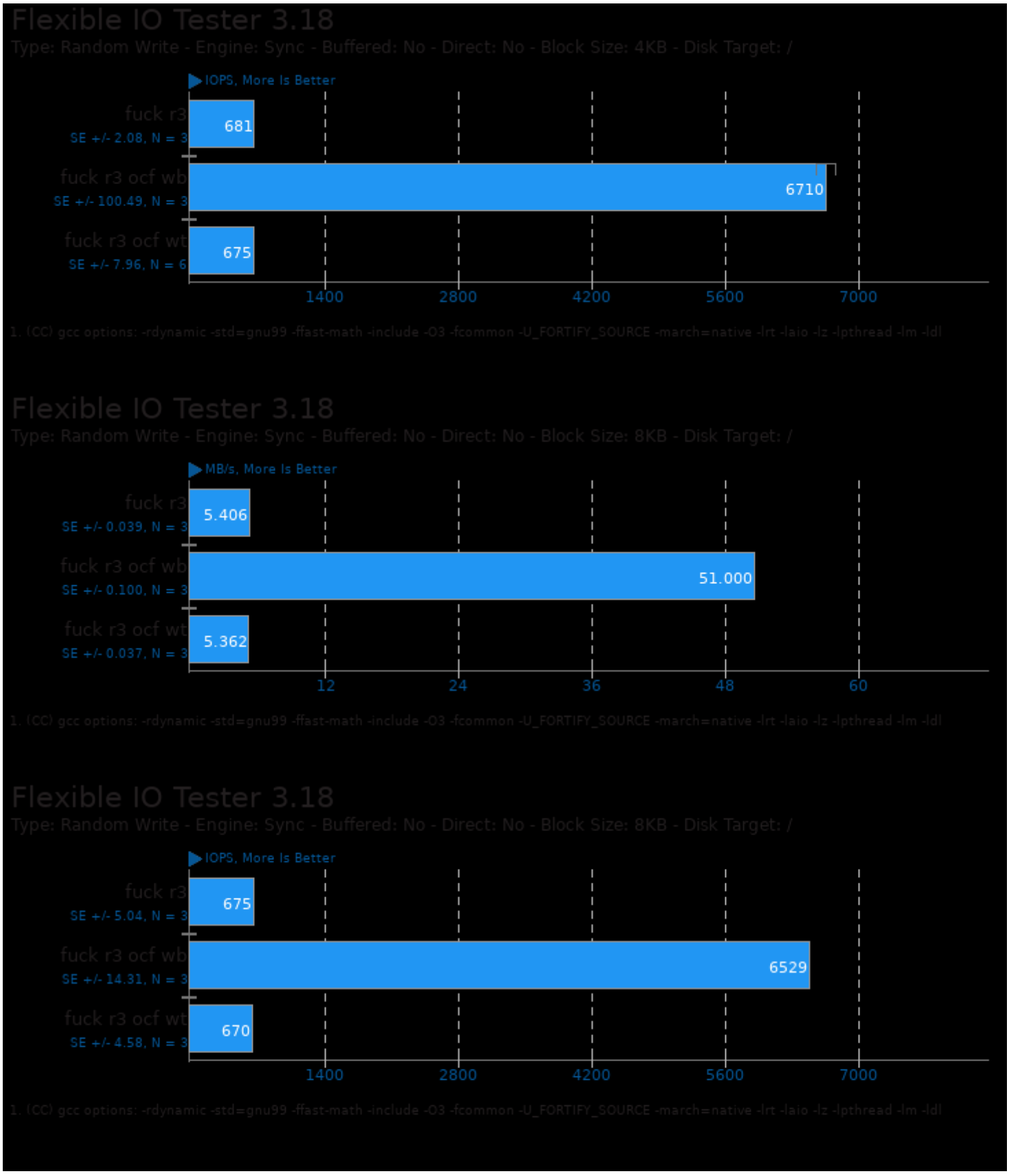

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.58, N = 3
105.0
fuck r3 ocf wb
111.0
fuck r3 ocf wt
SE +/- 0.48, N = 15
57.9
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 40.58, N = 3
6701
fuck r3 ocf wb
SE +/- 51.22, N = 3
7084
fuck r3 ocf wt
SE +/- 29.67, N = 15
3709
1500
3000
4500
6000
7500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.67, N = 3
106.0
fuck r3 ocf wb
SE +/- 0.88, N = 3
197.0
fuck r3 ocf wt
SE +/- 0.59, N = 3
62.6
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

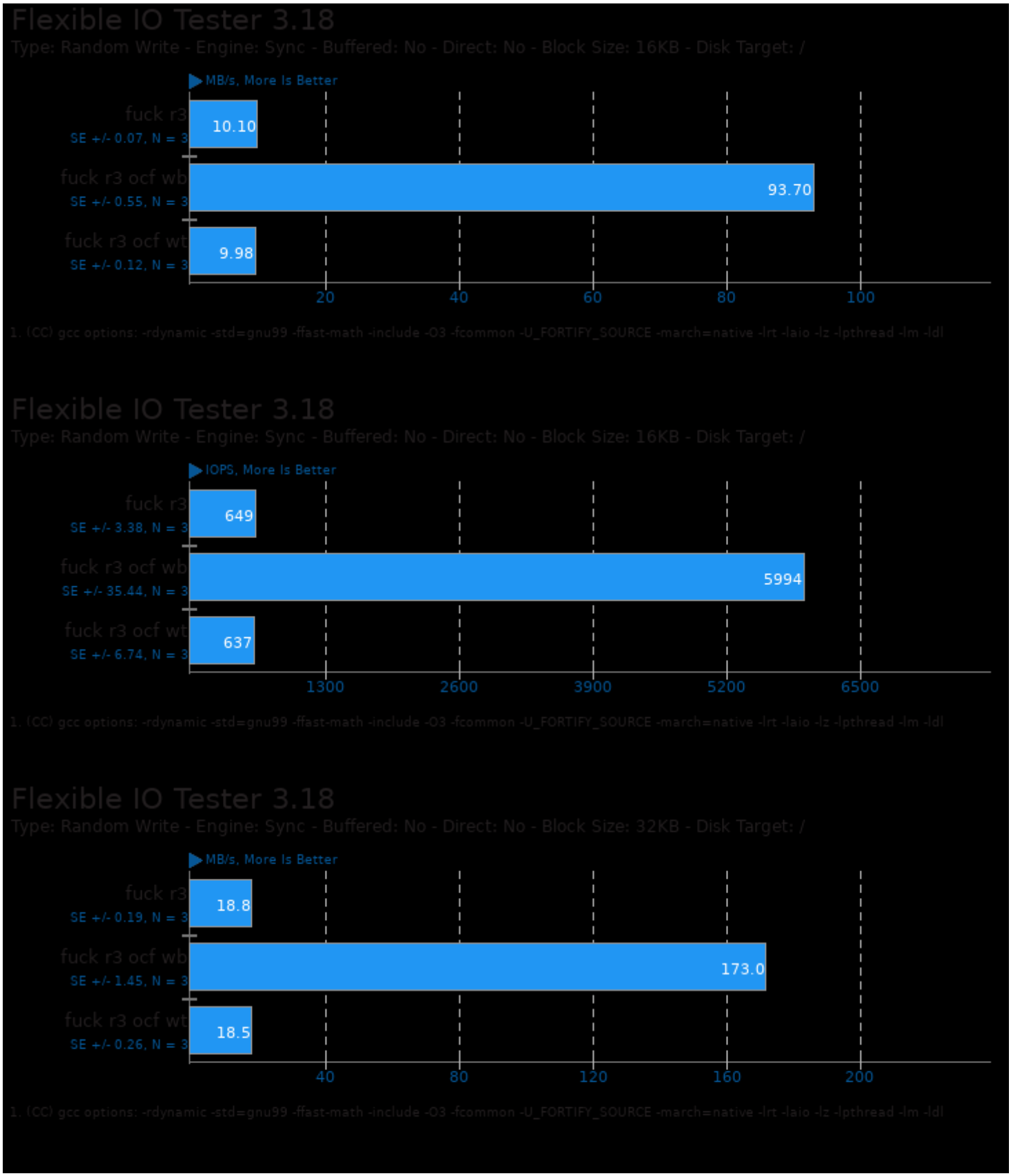

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 53.00, N = 3
3395
fuck r3 ocf wb
SE +/- 29.69, N = 3
6313
fuck r3 ocf wt
SE +/- 18.56, N = 3
2001
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 1.00, N = 3
114.0
fuck r3 ocf wb
SE +/- 2.32, N = 15
278.0
fuck r3 ocf wt
SE +/- 0.78, N = 3
78.2
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 16.52, N = 3
1814
fuck r3 ocf wb
SE +/- 37.12, N = 15
4444
fuck r3 ocf wt
SE +/- 12.47, N = 3
1248
1000
2000
3000
4000
5000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

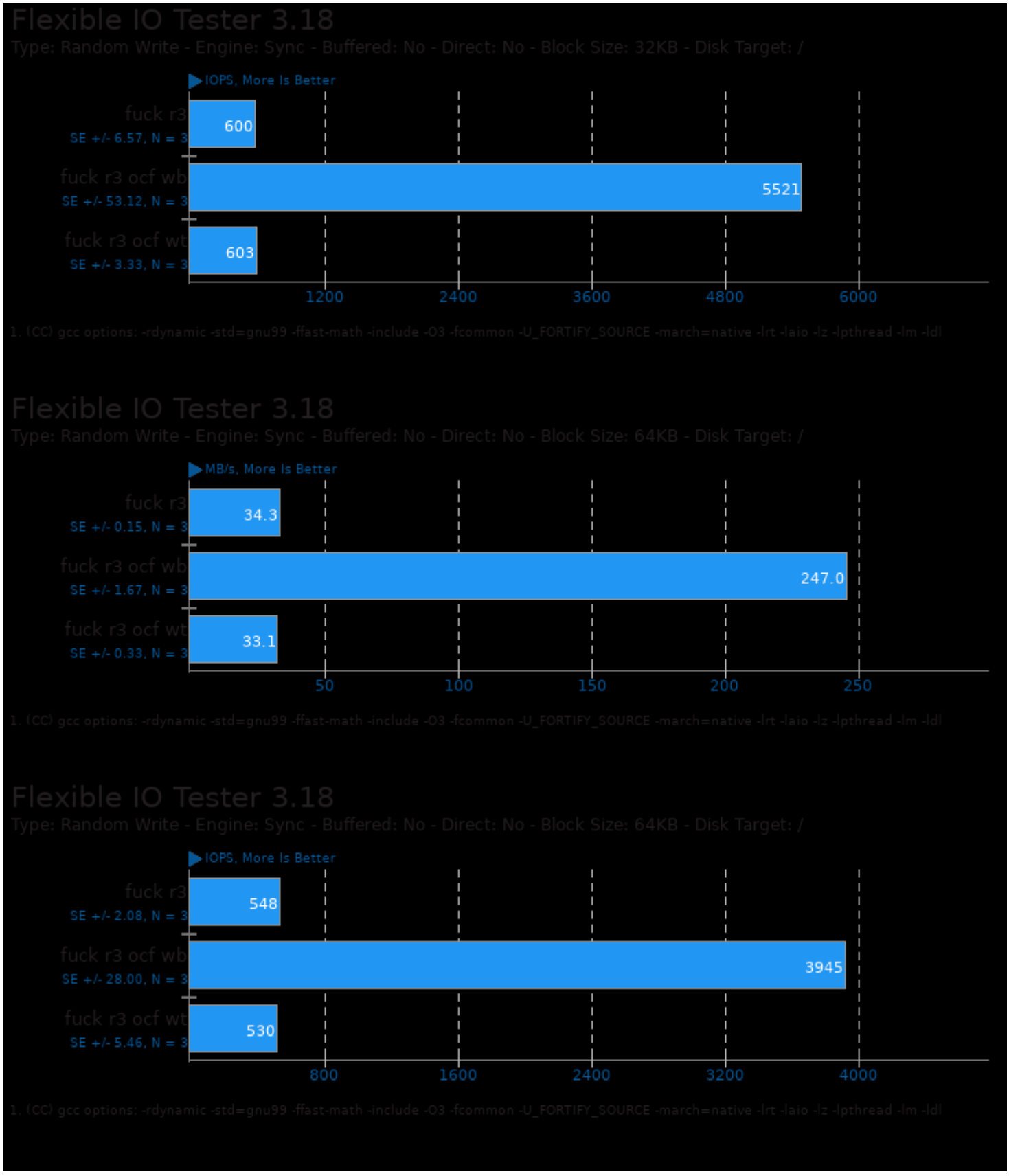

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
133.0
fuck r3 ocf wb
SE +/- 3.09, N = 6
274.0
fuck r3 ocf wt
SE +/- 0.49, N = 3
97.0
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 4.33, N = 3
1060
fuck r3 ocf wb
SE +/- 24.05, N = 6
2191
fuck r3 ocf wt
SE +/- 4.06, N = 3
773
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
141
fuck r3 ocf wb
SE +/- 3.53, N = 3
288
fuck r3 ocf wt
SE +/- 0.58, N = 3
110
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

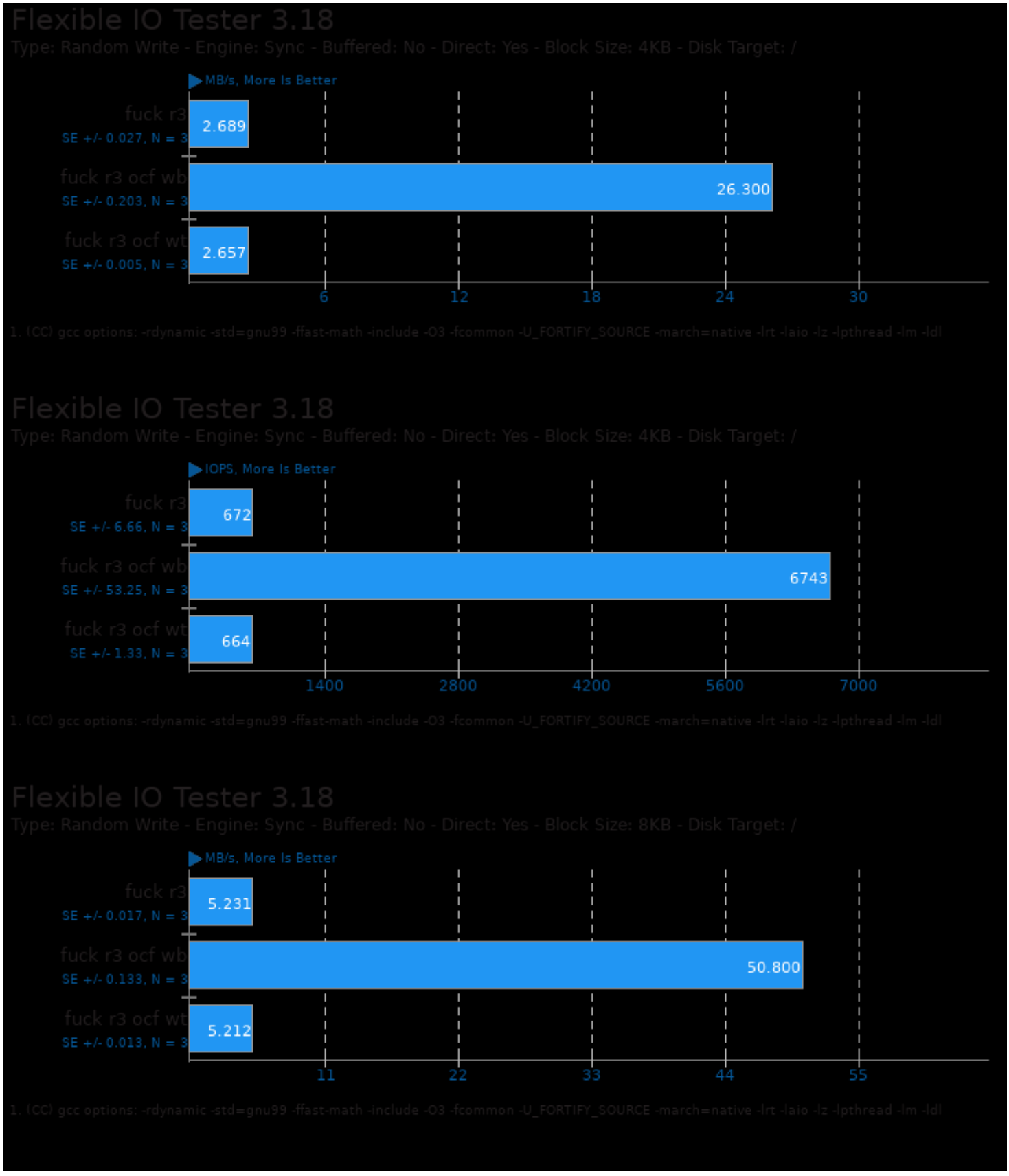

Flexible IO Tester 3.18
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 3.38, N = 3
561
fuck r3 ocf wb
SE +/- 14.74, N = 3
1150
fuck r3 ocf wt
SE +/- 2.96, N = 3
436
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
136
fuck r3 ocf wb
SE +/- 3.61, N = 3
289
fuck r3 ocf wt
SE +/- 0.33, N = 3
102
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 3.61, N = 3
1089
fuck r3 ocf wb
SE +/- 28.04, N = 3
2308
fuck r3 ocf wt
SE +/- 3.00, N = 3
806
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

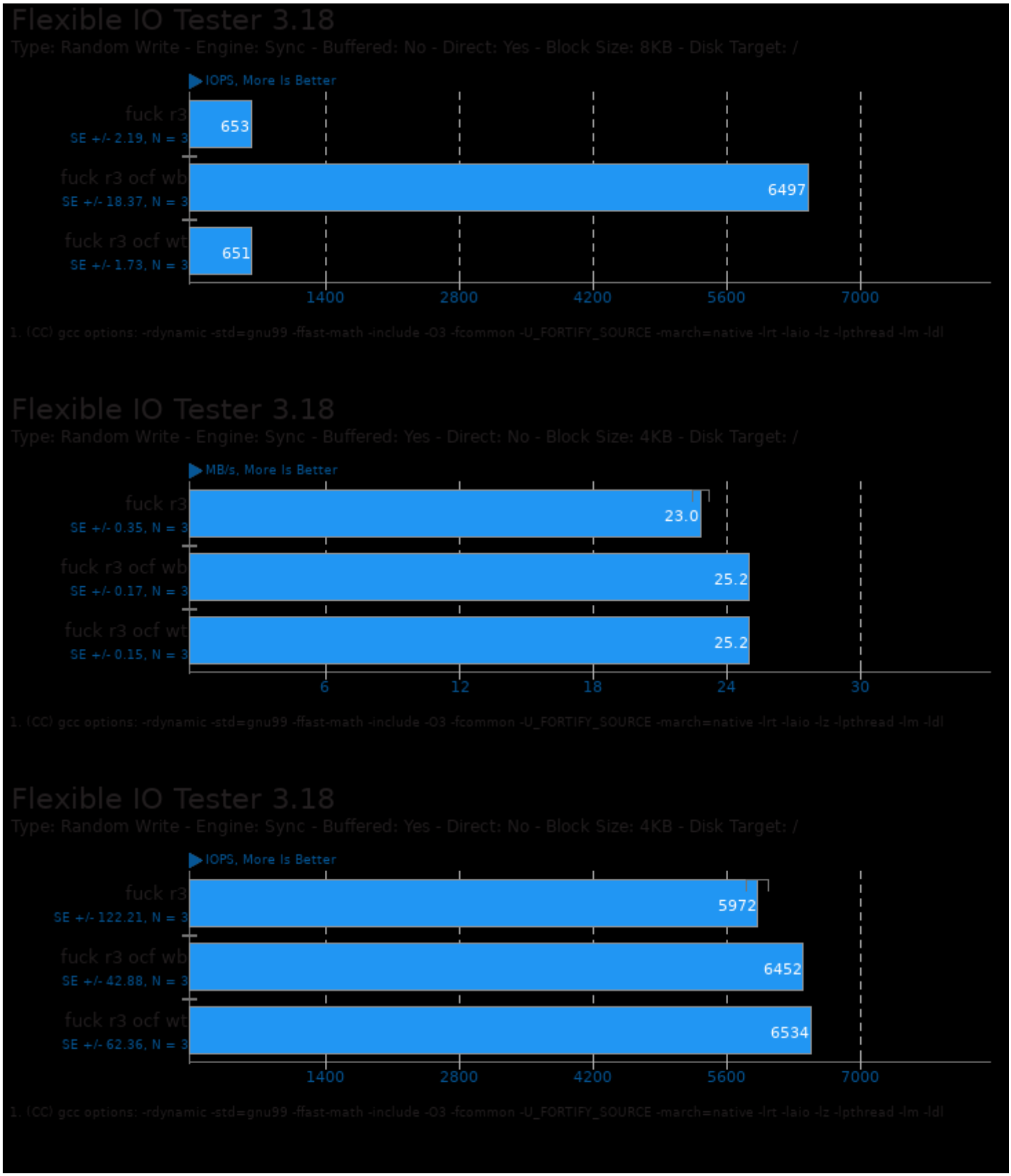

Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.58, N = 3
142
fuck r3 ocf wb
SE +/- 4.06, N = 3
287
fuck r3 ocf wt
SE +/- 0.33, N = 3
109
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: POSIX AIO - Buffered: Yes - Direct: Yes - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.40, N = 3
565
fuck r3 ocf wb
SE +/- 15.34, N = 3
1146
fuck r3 ocf wt
SE +/- 1.45, N = 3
434
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.008, N = 3
2.726
fuck r3 ocf wb
SE +/- 0.404, N = 3
26.200
fuck r3 ocf wt
SE +/- 0.032, N = 6
2.703
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

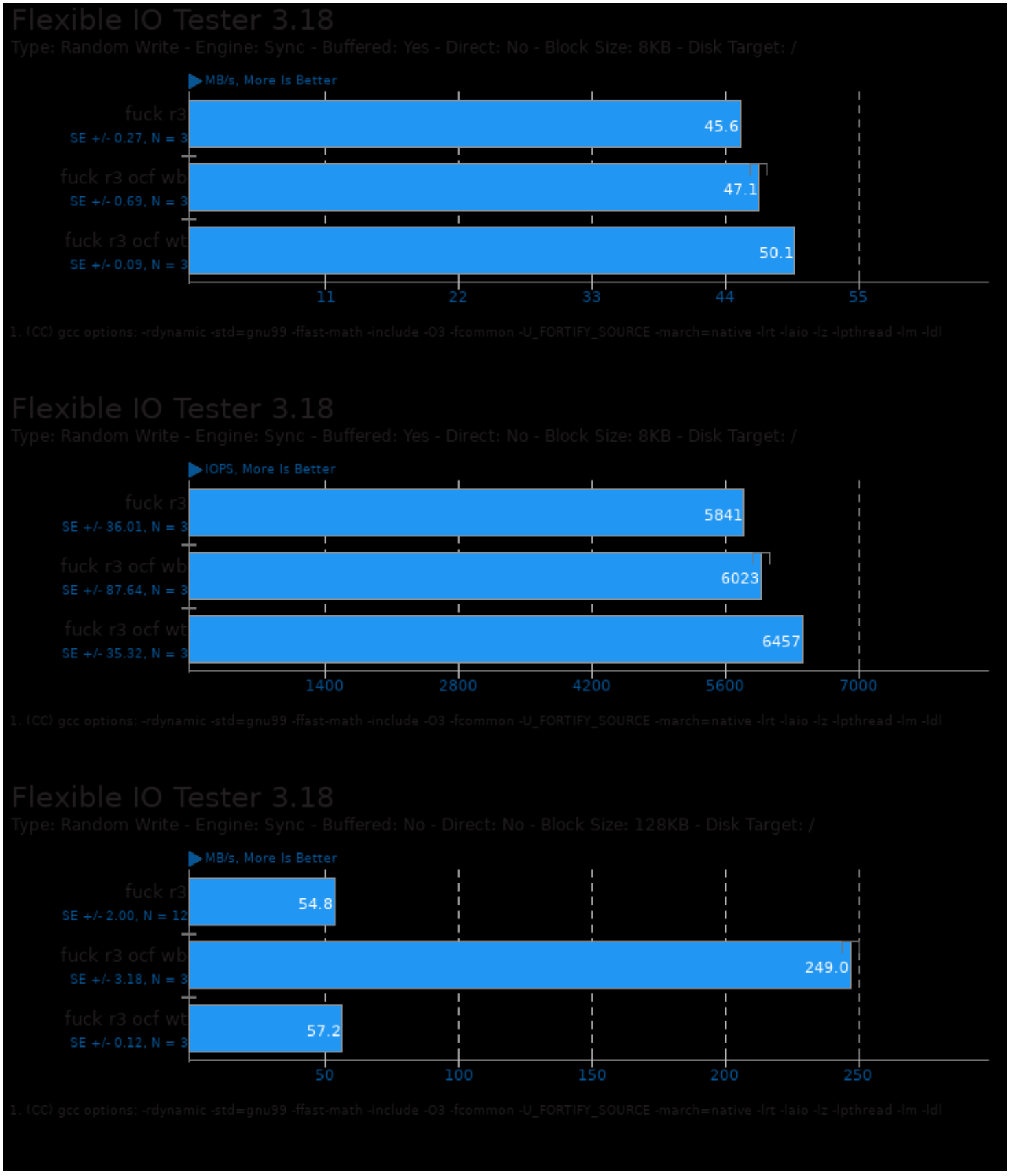

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.08, N = 3
681
fuck r3 ocf wb
SE +/- 100.49, N = 3
6710
fuck r3 ocf wt
SE +/- 7.96, N = 6
675
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.039, N = 3
5.406
fuck r3 ocf wb
SE +/- 0.100, N = 3
51.000
fuck r3 ocf wt
SE +/- 0.037, N = 3
5.362
12
24
36
48
60
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 5.04, N = 3
675
fuck r3 ocf wb
SE +/- 14.31, N = 3
6529
fuck r3 ocf wt
SE +/- 4.58, N = 3
670
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

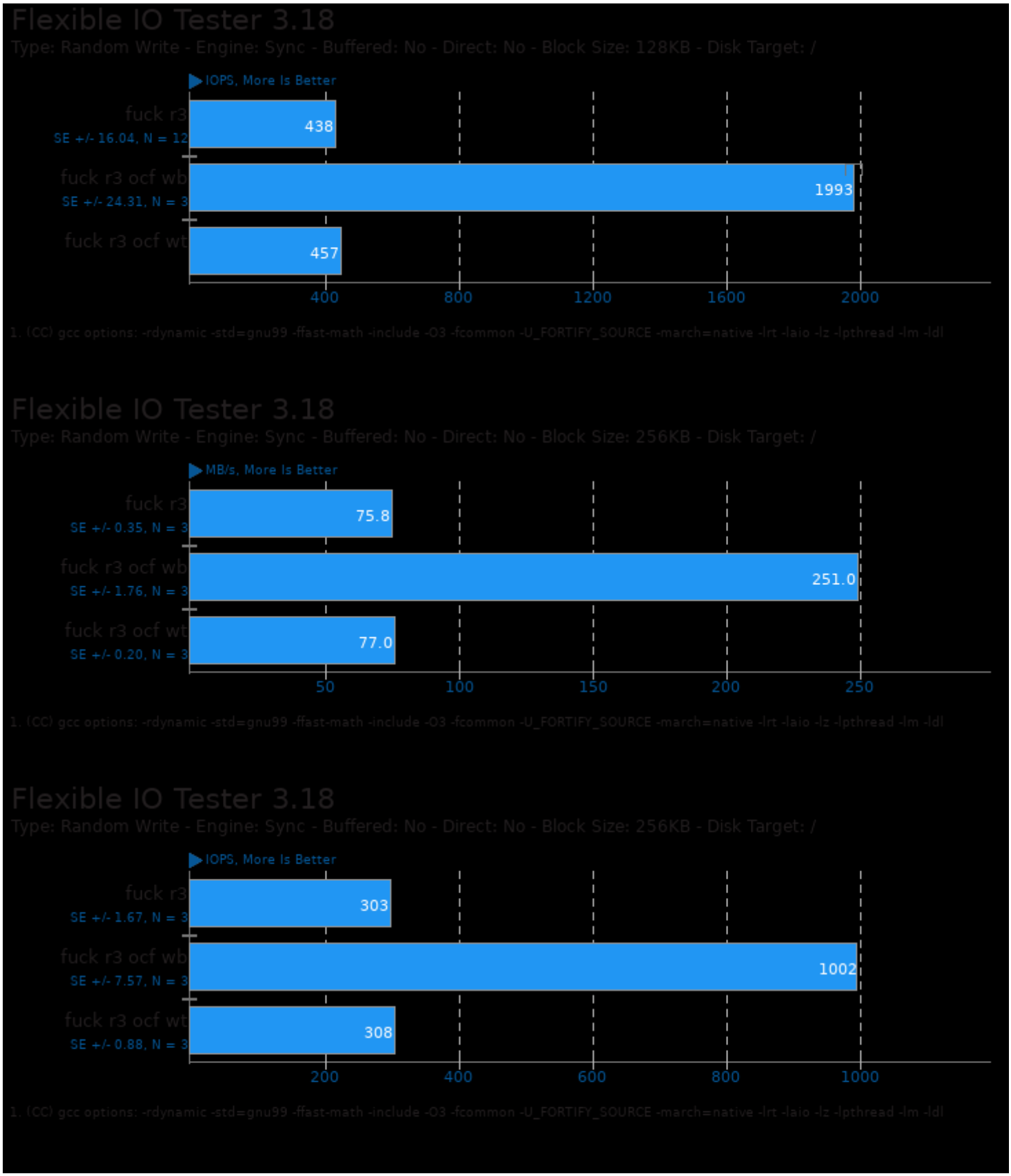

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.07, N = 3
10.10
fuck r3 ocf wb
SE +/- 0.55, N = 3
93.70
fuck r3 ocf wt
SE +/- 0.12, N = 3
9.98
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 3.38, N = 3
649
fuck r3 ocf wb
SE +/- 35.44, N = 3
5994
fuck r3 ocf wt
SE +/- 6.74, N = 3
637
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.19, N = 3
18.8
fuck r3 ocf wb
SE +/- 1.45, N = 3
173.0
fuck r3 ocf wt
SE +/- 0.26, N = 3
18.5
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

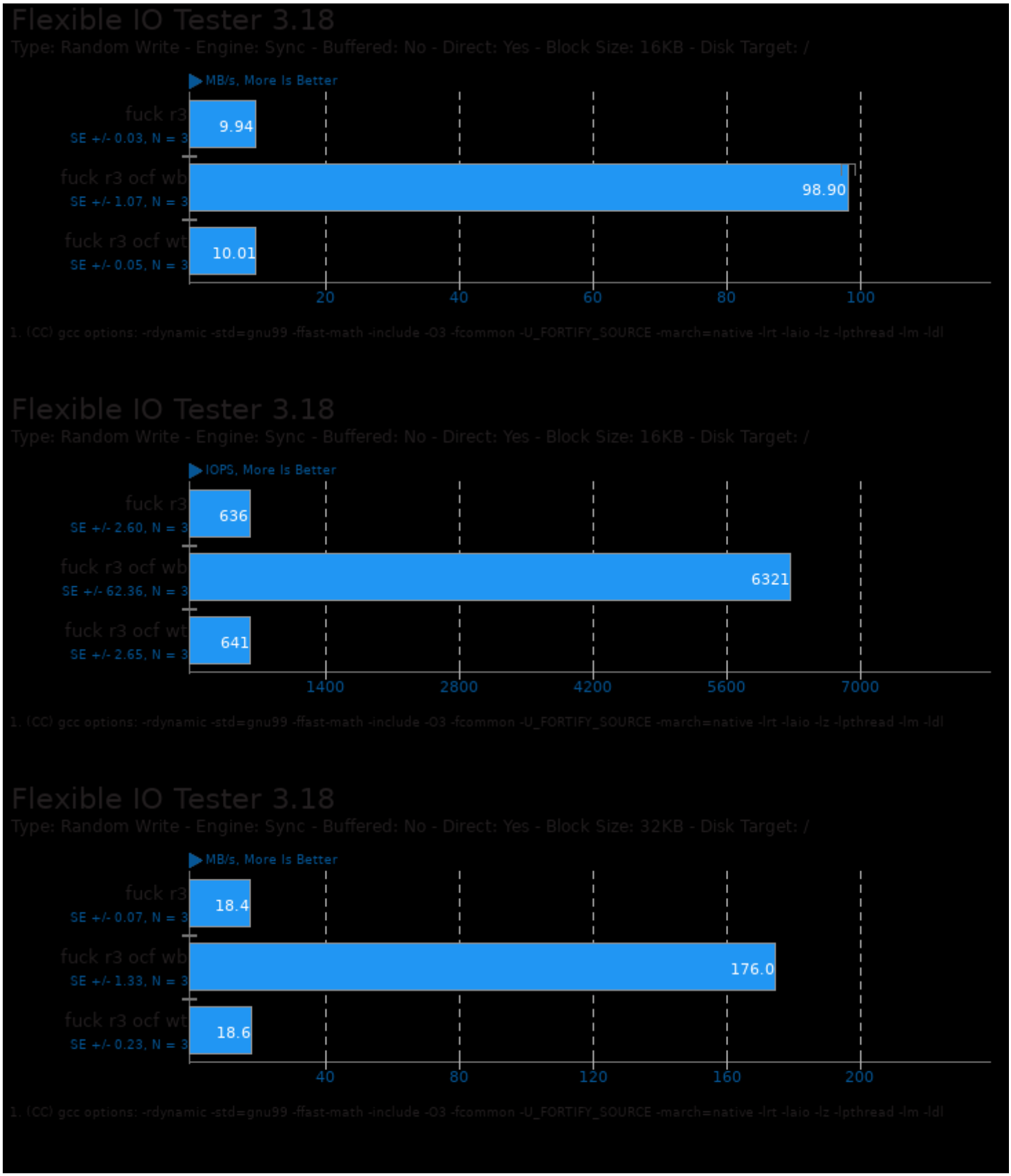

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 6.57, N = 3
600
fuck r3 ocf wb
SE +/- 53.12, N = 3
5521
fuck r3 ocf wt
SE +/- 3.33, N = 3
603
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.15, N = 3
34.3
fuck r3 ocf wb
SE +/- 1.67, N = 3
247.0
fuck r3 ocf wt
SE +/- 0.33, N = 3
33.1
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.08, N = 3
548
fuck r3 ocf wb
SE +/- 28.00, N = 3
3945
fuck r3 ocf wt
SE +/- 5.46, N = 3
530
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

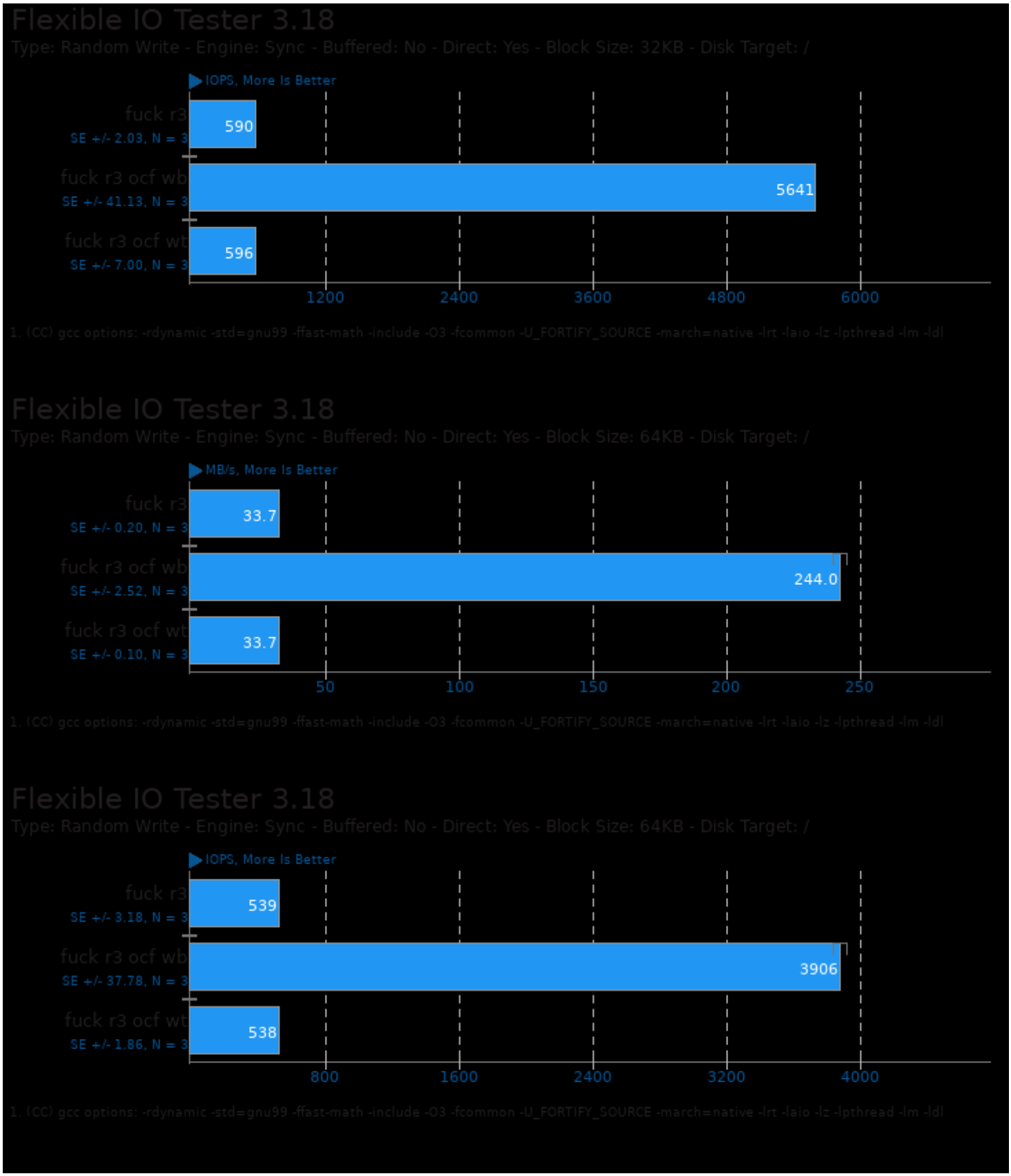

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.027, N = 3
2.689
fuck r3 ocf wb
SE +/- 0.203, N = 3
26.300
fuck r3 ocf wt
SE +/- 0.005, N = 3
2.657
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 6.66, N = 3
672
fuck r3 ocf wb
SE +/- 53.25, N = 3
6743
fuck r3 ocf wt
SE +/- 1.33, N = 3
664
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.017, N = 3
5.231
fuck r3 ocf wb
SE +/- 0.133, N = 3
50.800
fuck r3 ocf wt
SE +/- 0.013, N = 3
5.212
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

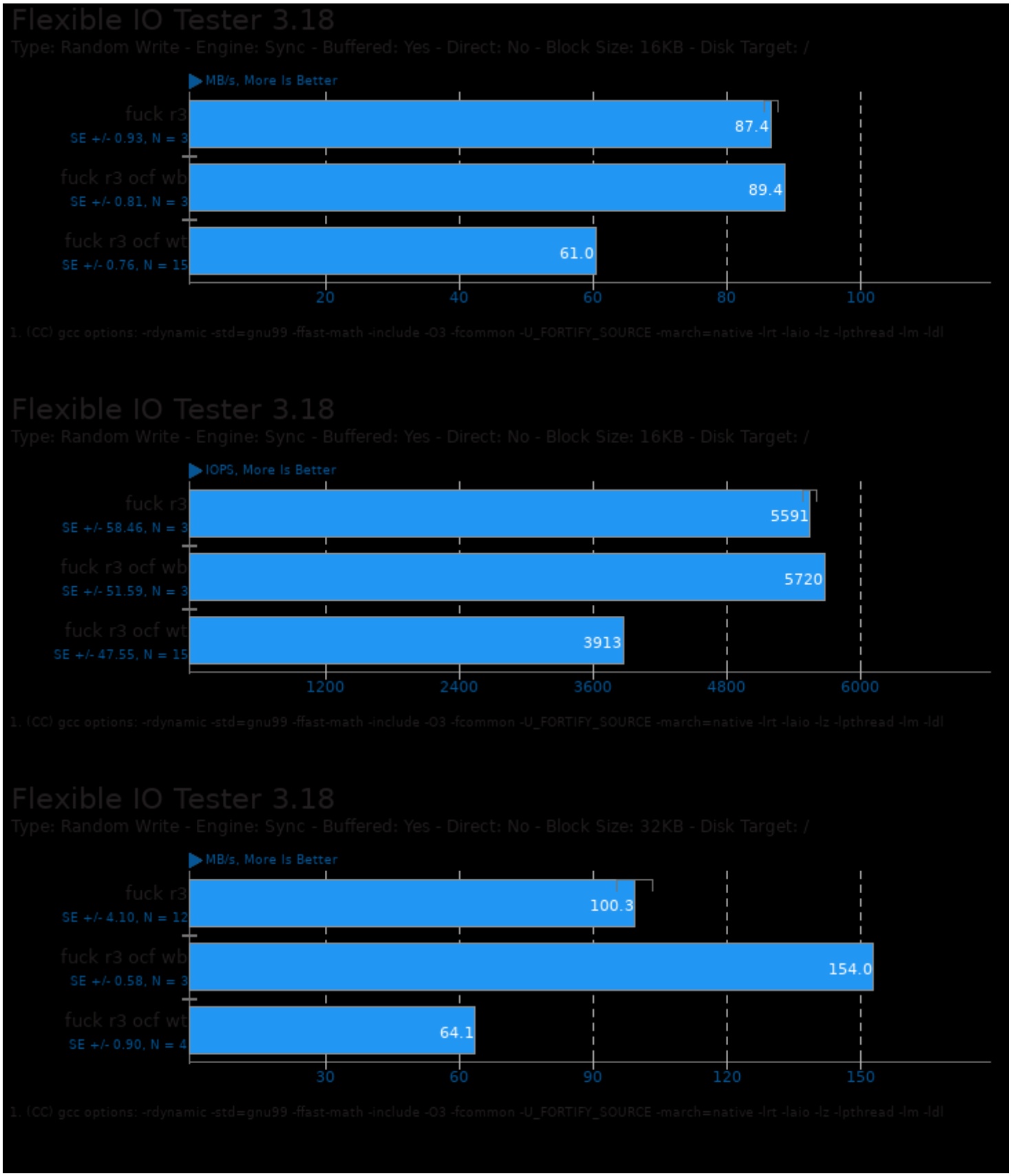

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.19, N = 3
653
fuck r3 ocf wb
SE +/- 18.37, N = 3
6497
fuck r3 ocf wt
SE +/- 1.73, N = 3
651
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.35, N = 3
23.0
fuck r3 ocf wb
SE +/- 0.17, N = 3
25.2
fuck r3 ocf wt
SE +/- 0.15, N = 3
25.2
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 122.21, N = 3
5972
fuck r3 ocf wb
SE +/- 42.88, N = 3
6452
fuck r3 ocf wt
SE +/- 62.36, N = 3
6534
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

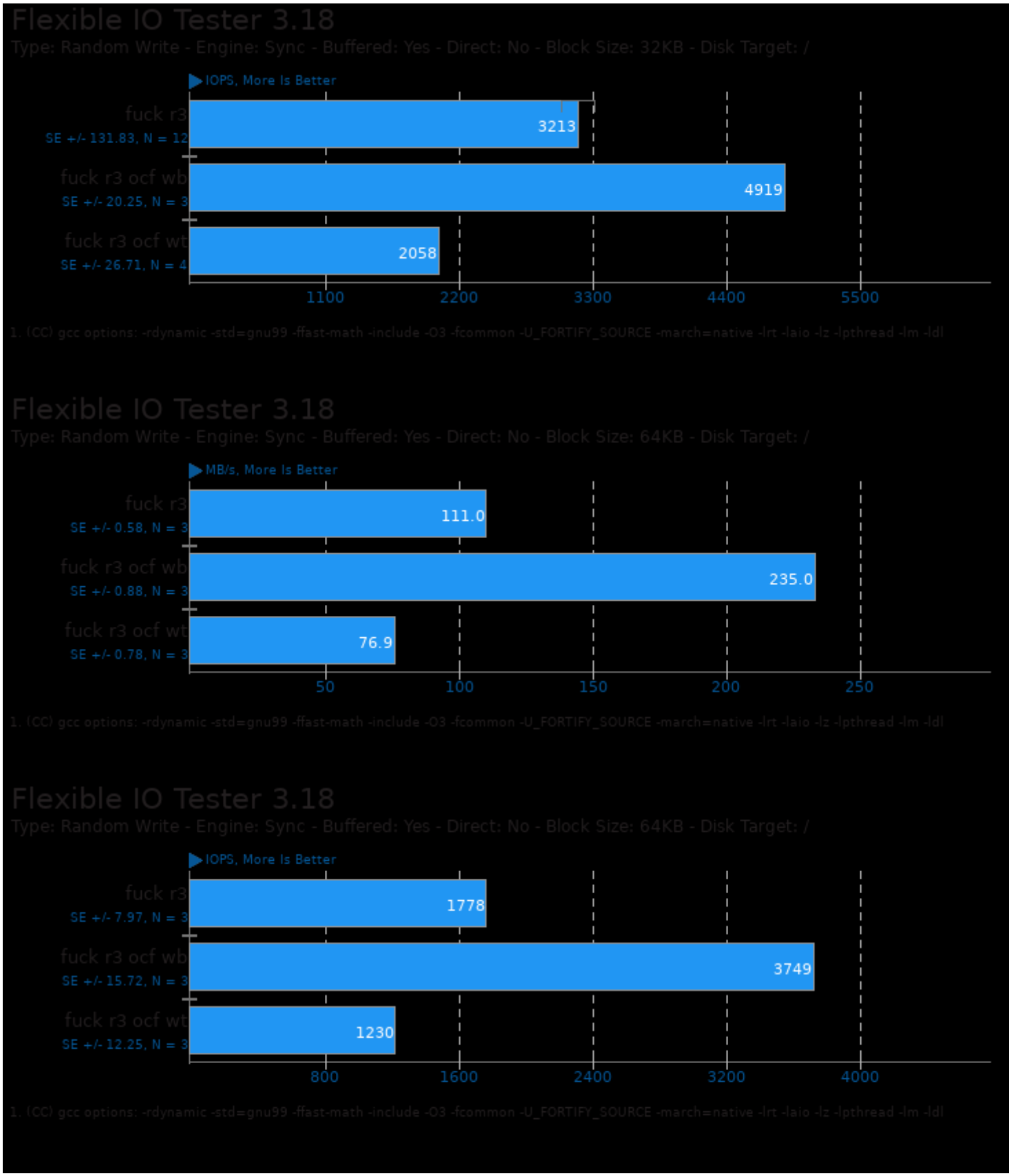

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.27, N = 3
45.6
fuck r3 ocf wb
SE +/- 0.69, N = 3
47.1
fuck r3 ocf wt
SE +/- 0.09, N = 3
50.1
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 36.01, N = 3
5841
fuck r3 ocf wb
SE +/- 87.64, N = 3
6023
fuck r3 ocf wt
SE +/- 35.32, N = 3
6457
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 2.00, N = 12
54.8
fuck r3 ocf wb
SE +/- 3.18, N = 3
249.0
fuck r3 ocf wt
SE +/- 0.12, N = 3
57.2
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

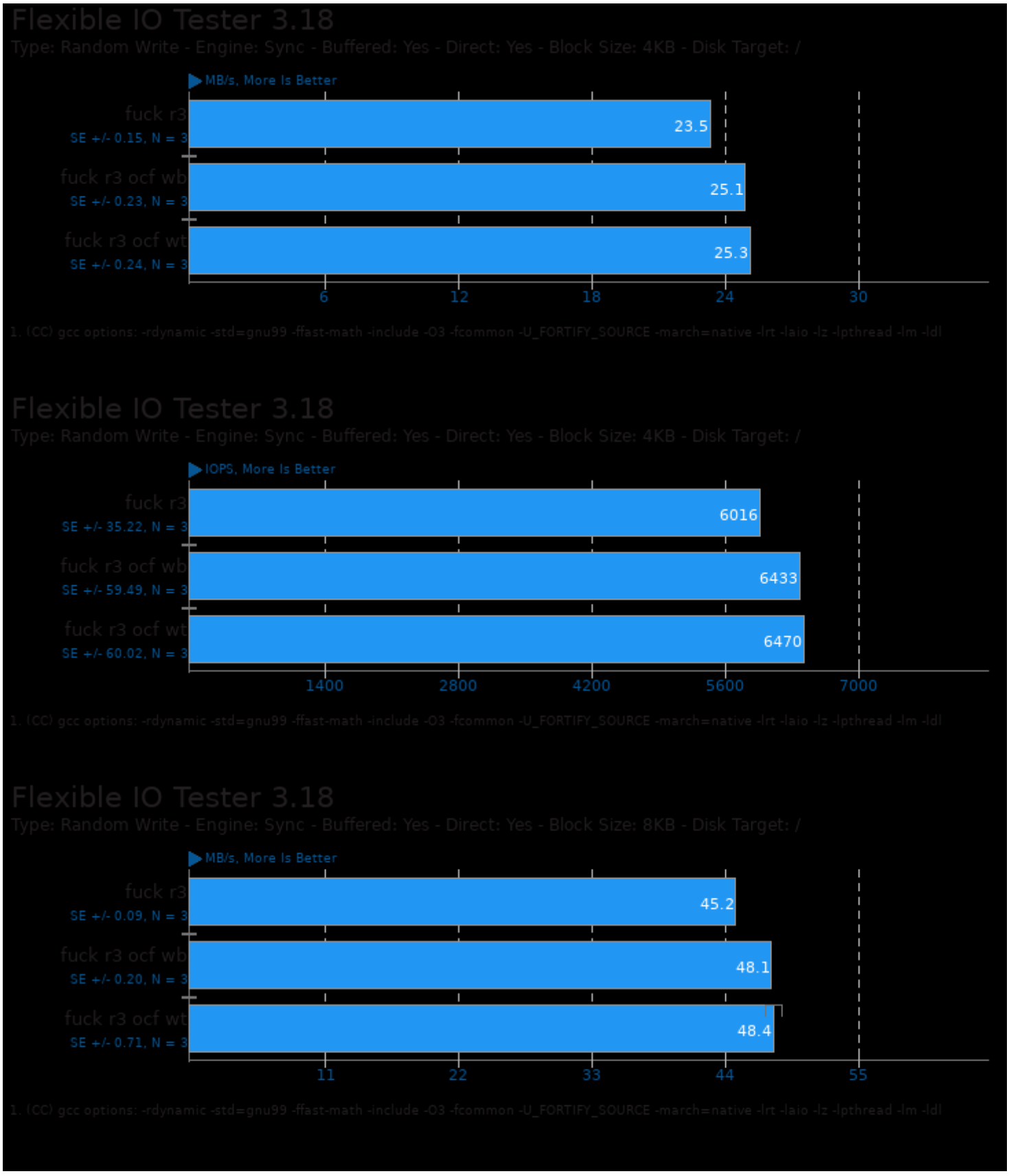

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 16.04, N = 12
438
fuck r3 ocf wb
SE +/- 24.31, N = 3
1993
fuck r3 ocf wt
457
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.35, N = 3
75.8
fuck r3 ocf wb
SE +/- 1.76, N = 3
251.0
fuck r3 ocf wt
SE +/- 0.20, N = 3
77.0
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: No - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 1.67, N = 3
303
fuck r3 ocf wb
SE +/- 7.57, N = 3
1002
fuck r3 ocf wt
SE +/- 0.88, N = 3
308
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

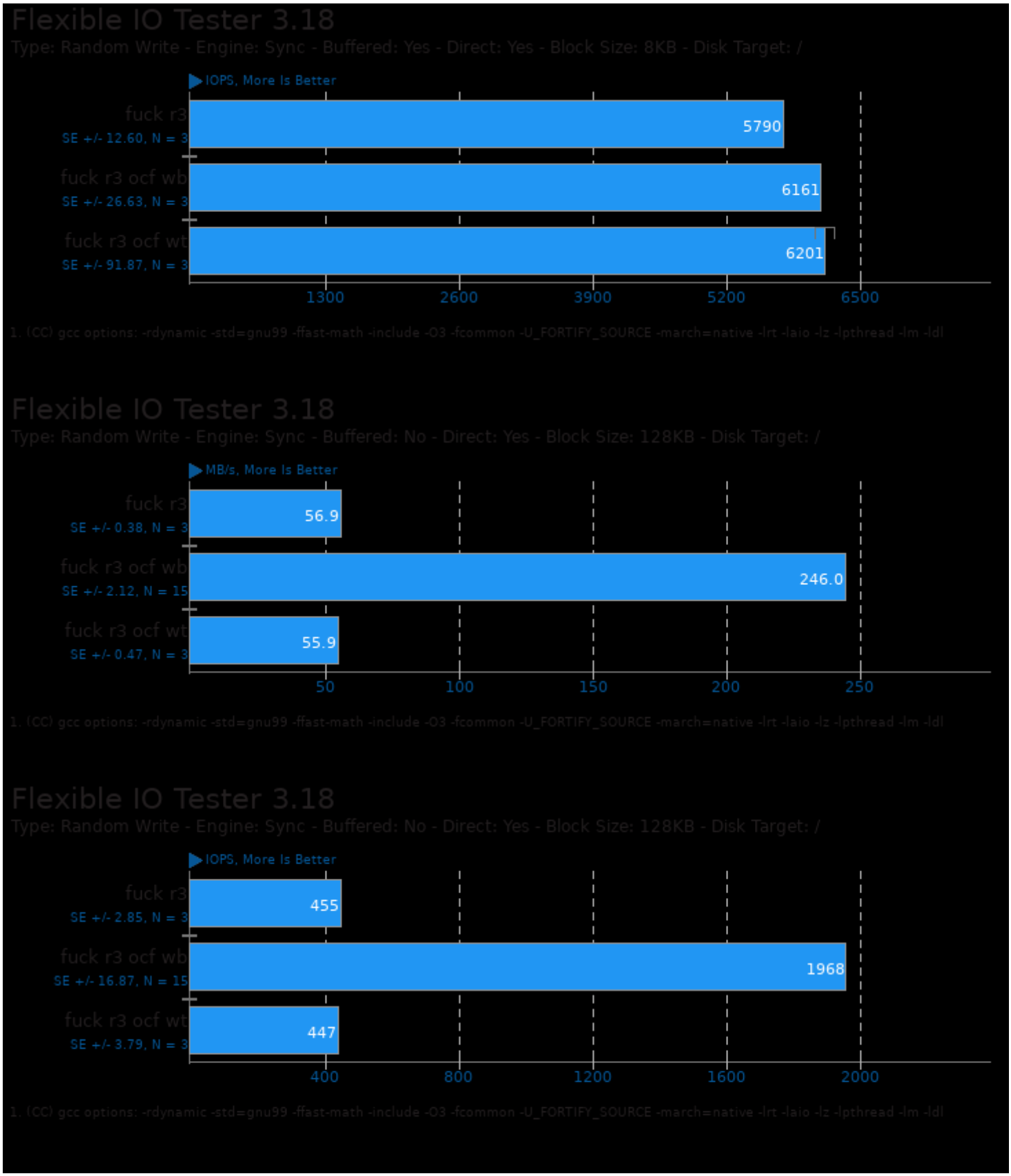

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.03, N = 3
9.94
fuck r3 ocf wb
SE +/- 1.07, N = 3
98.90
fuck r3 ocf wt
SE +/- 0.05, N = 3
10.01
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.60, N = 3
636
fuck r3 ocf wb
SE +/- 62.36, N = 3
6321
fuck r3 ocf wt
SE +/- 2.65, N = 3
641
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.07, N = 3
18.4
fuck r3 ocf wb
SE +/- 1.33, N = 3
176.0
fuck r3 ocf wt
SE +/- 0.23, N = 3
18.6
40
80
120
160
200
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

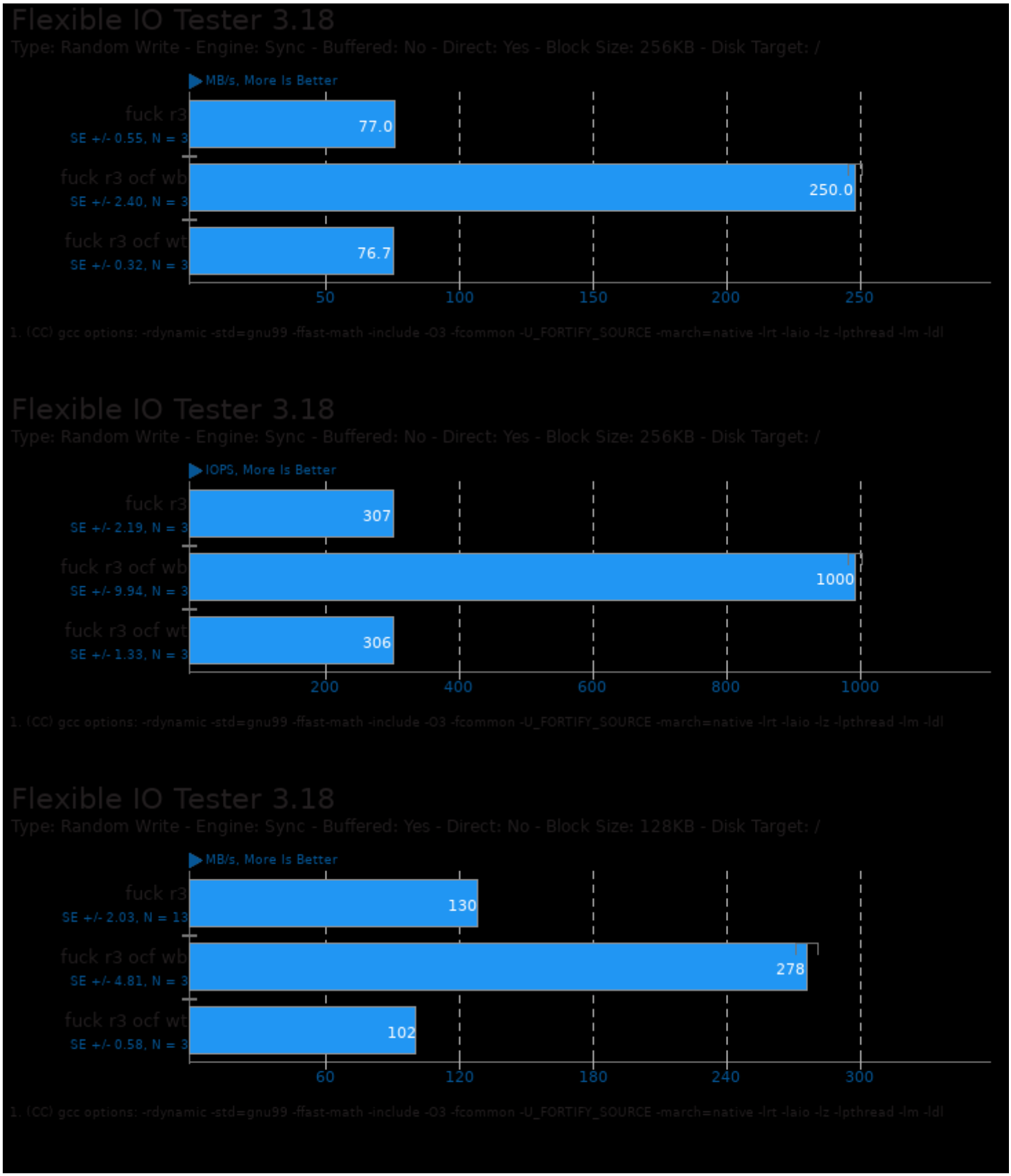

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.03, N = 3
590
fuck r3 ocf wb
SE +/- 41.13, N = 3
5641
fuck r3 ocf wt
SE +/- 7.00, N = 3
596
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.20, N = 3
33.7
fuck r3 ocf wb
SE +/- 2.52, N = 3
244.0
fuck r3 ocf wt
SE +/- 0.10, N = 3
33.7
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 3.18, N = 3
539
fuck r3 ocf wb
SE +/- 37.78, N = 3
3906
fuck r3 ocf wt
SE +/- 1.86, N = 3
538
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

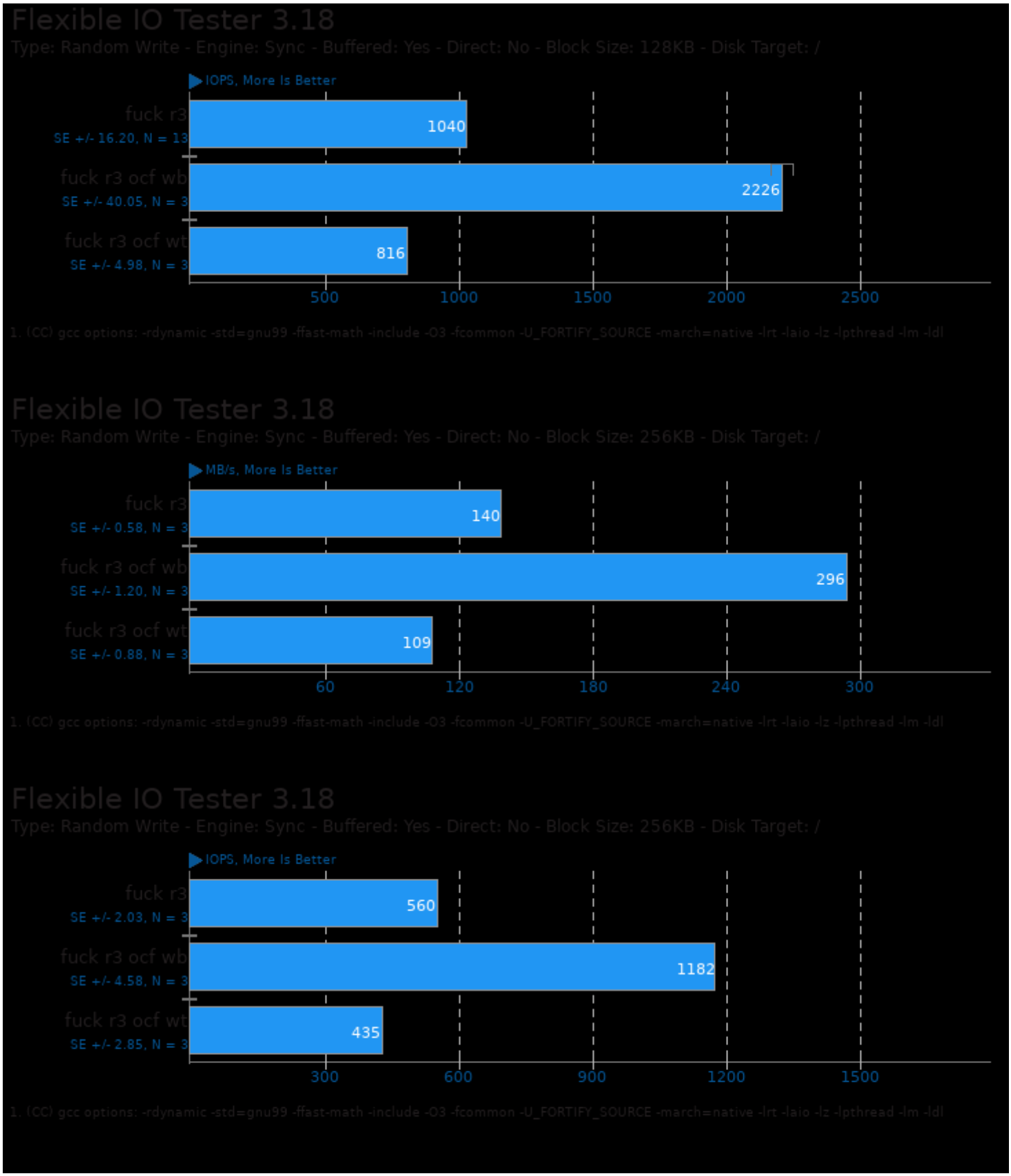

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.93, N = 3
87.4
fuck r3 ocf wb
SE +/- 0.81, N = 3
89.4
fuck r3 ocf wt
SE +/- 0.76, N = 15
61.0
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 58.46, N = 3
5591
fuck r3 ocf wb
SE +/- 51.59, N = 3
5720
fuck r3 ocf wt
SE +/- 47.55, N = 15
3913
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 4.10, N = 12
100.3
fuck r3 ocf wb
SE +/- 0.58, N = 3
154.0
fuck r3 ocf wt
SE +/- 0.90, N = 4
64.1
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

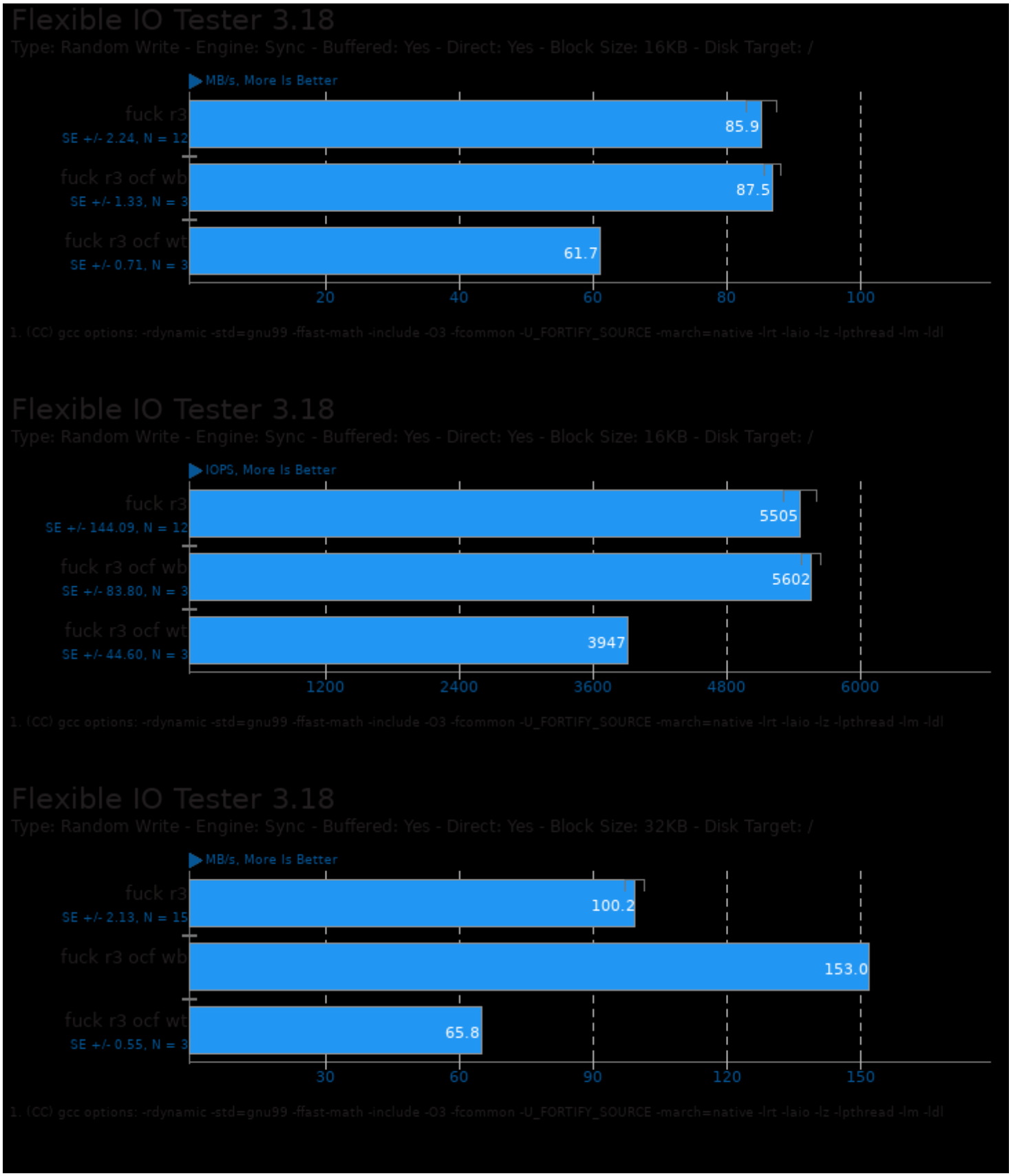

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 32KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 131.83, N = 12
3213
fuck r3 ocf wb
SE +/- 20.25, N = 3
4919
fuck r3 ocf wt
SE +/- 26.71, N = 4
2058
1100
2200
3300
4400
5500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.58, N = 3
111.0
fuck r3 ocf wb
SE +/- 0.88, N = 3
235.0
fuck r3 ocf wt
SE +/- 0.78, N = 3
76.9
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 64KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 7.97, N = 3
1778
fuck r3 ocf wb
SE +/- 15.72, N = 3
3749
fuck r3 ocf wt
SE +/- 12.25, N = 3
1230
800
1600
2400
3200
4000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl

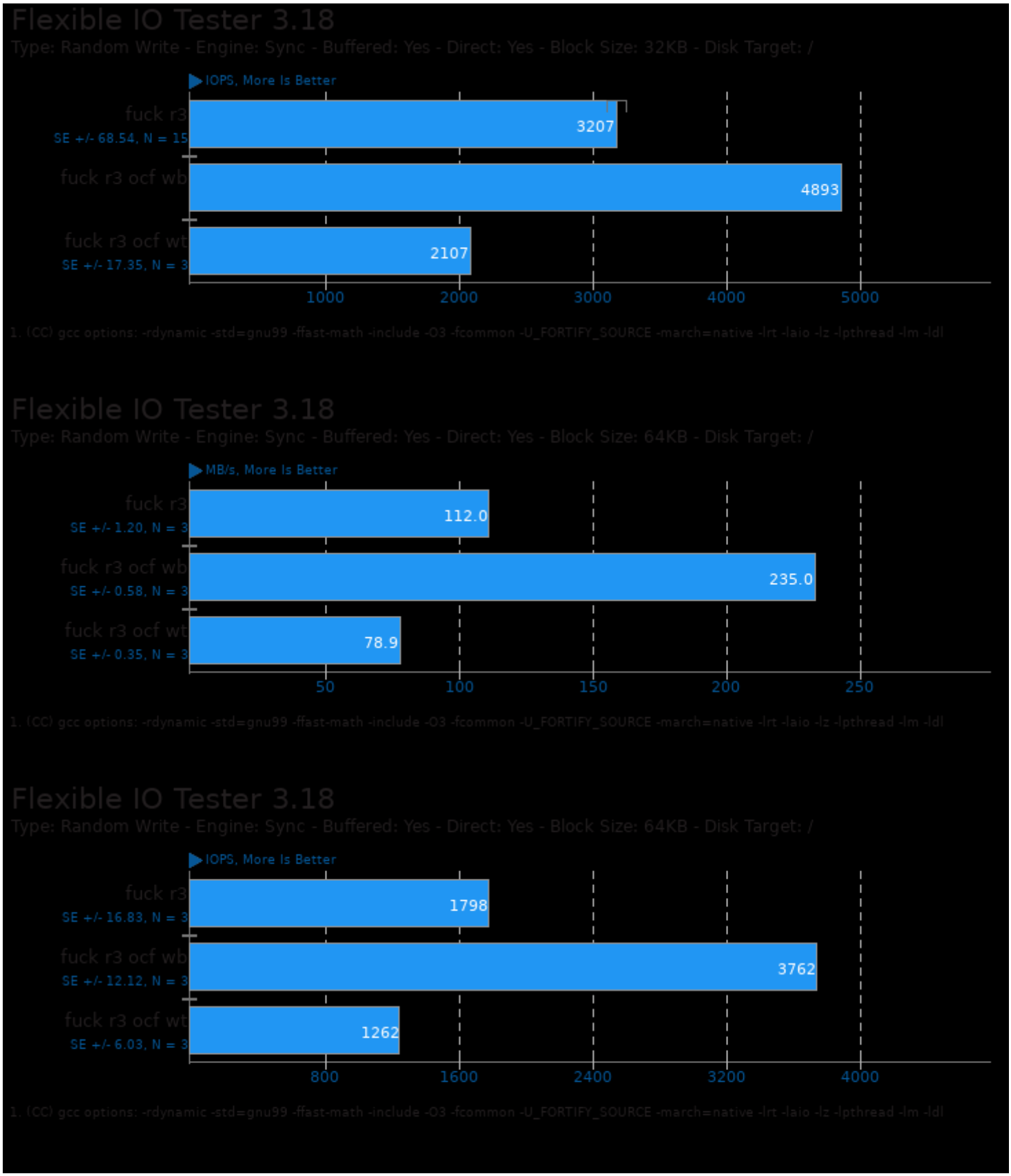

Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.15, N = 3
23.5
fuck r3 ocf wb
SE +/- 0.23, N = 3
25.1
fuck r3 ocf wt
SE +/- 0.24, N = 3
25.3
6
12
18
24
30
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 35.22, N = 3
6016
fuck r3 ocf wb
SE +/- 59.49, N = 3
6433
fuck r3 ocf wt
SE +/- 60.02, N = 3
6470
1400
2800
4200
5600
7000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.09, N = 3
45.2
fuck r3 ocf wb
SE +/- 0.20, N = 3
48.1
fuck r3 ocf wt
SE +/- 0.71, N = 3
48.4
11
22
33
44
55
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 12.60, N = 3
5790
fuck r3 ocf wb
SE +/- 26.63, N = 3
6161
fuck r3 ocf wt
SE +/- 91.87, N = 3
6201
1300
2600
3900
5200
6500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.38, N = 3
56.9
fuck r3 ocf wb
SE +/- 2.12, N = 15
246.0
fuck r3 ocf wt
SE +/- 0.47, N = 3
55.9
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.85, N = 3
455
fuck r3 ocf wb
SE +/- 16.87, N = 15
1968
fuck r3 ocf wt
SE +/- 3.79, N = 3
447
400
800
1200
1600
2000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.55, N = 3
77.0
fuck r3 ocf wb
SE +/- 2.40, N = 3
250.0
fuck r3 ocf wt
SE +/- 0.32, N = 3
76.7
50
100
150
200
250
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: No - Direct: Yes - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.19, N = 3
307
fuck r3 ocf wb
SE +/- 9.94, N = 3
1000
fuck r3 ocf wt
SE +/- 1.33, N = 3
306
200
400
600
800
1000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 2.03, N = 13
130
fuck r3 ocf wb
SE +/- 4.81, N = 3
278
fuck r3 ocf wt
SE +/- 0.58, N = 3
102
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 128KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 16.20, N = 13
1040
fuck r3 ocf wb
SE +/- 40.05, N = 3
2226
fuck r3 ocf wt
SE +/- 4.98, N = 3
816
500
1000
1500
2000
2500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 0.58, N = 3
140
fuck r3 ocf wb
SE +/- 1.20, N = 3
296
fuck r3 ocf wt
SE +/- 0.88, N = 3
109
60
120
180
240
300
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: No - Block Size: 256KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 2.03, N = 3
560
fuck r3 ocf wb
SE +/- 4.58, N = 3
1182
fuck r3 ocf wt
SE +/- 2.85, N = 3
435
300
600
900
1200
1500
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl


Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 2.24, N = 12
85.9
fuck r3 ocf wb
SE +/- 1.33, N = 3
87.5
fuck r3 ocf wt
SE +/- 0.71, N = 3
61.7
20
40
60
80
100
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 16KB - Disk Target: /
IOPS, More Is Better
fuck r3
SE +/- 144.09, N = 12
5505
fuck r3 ocf wb
SE +/- 83.80, N = 3
5602
fuck r3 ocf wt
SE +/- 44.60, N = 3
3947
1200
2400
3600
4800
6000
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl
Flexible IO Tester 3.18
Type: Random Write - Engine: Sync - Buffered: Yes - Direct: Yes - Block Size: 32KB - Disk Target: /
MB/s, More Is Better
fuck r3
SE +/- 2.13, N = 15
100.2
fuck r3 ocf wb
153.0
fuck r3 ocf wt
SE +/- 0.55, N = 3
65.8
30
60
90
120
150
1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lz -lpthread -lm -ldl



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 10:02.