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nocinder02_2-2

SolusIO virtual server 4vCPU 10GB Disk 8GB RAM on AMD EPYC 7502P with 128GB RAM and NVMe drive running 50 virtual servers

Test Systems:

4 x Intel Core (Skylake IBRS) - cirrusdrmfb - RDO

Processor: 4 x Intel Core (Skylake IBRS) (4 Cores), Motherboard: RDO OpenStack Compute (1.11.0-2.el7 BIOS), Memory: 1 x 8192 MB RAM, Disk: 80GB, Graphics: cirrusdrmfb

OS: CentOS Linux 7, Kernel: 3.10.0-693.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: xfs, Screen Resolution: 1024x768, System Layer: KVM

Compiler Notes: --build=x86_64-redhat-linux --disable-libgcc --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: none / attr2,inode64,noquota,relatime,rw,seclabel

Processor Notes: CPU Microcode: 0x1

Security Notes: SELinux

solus-io-epyc-4-vcpu-100gb-disk-8gb-ram-2

Processor: 4 x AMD EPYC 7502P 32-Core (4 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (1.12.0-1 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 8192 MB RAM QEMU, Disk: 32GB QEMU HDD, Network: Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-62-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.9, Compiler: GCC 9.3.0, File-System: ext4, System Layer: KVM

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

Processor Notes: CPU Microcode: 0x1000065

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

solus-io-epyc-4-vcpu-100gb-disk-8gb-ram-3

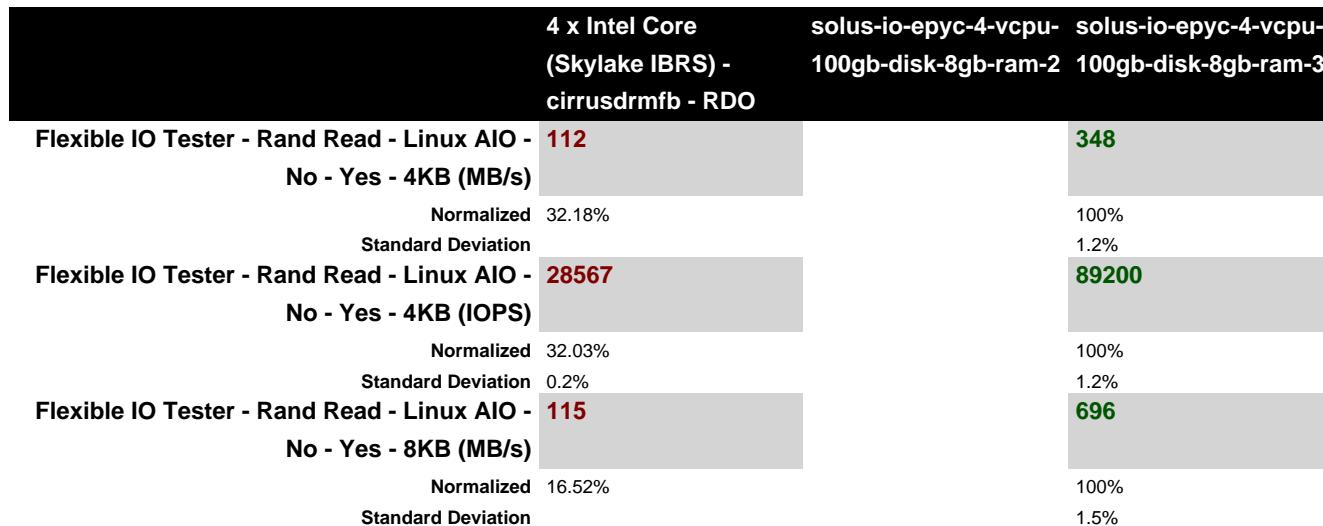
Processor: 4 x AMD EPYC 7502P 32-Core (4 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (1.12.0-1 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 8192 MB RAM QEMU, Disk: 107GB QEMU HDD, Network: Red Hat Virtio device

OS: Ubuntu 20.04, Kernel: 5.4.0-62-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.9, Compiler: GCC 9.3.0, File-System: ext4, System Layer: KVM

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

Processor Notes: CPU Microcode: 0x1000065

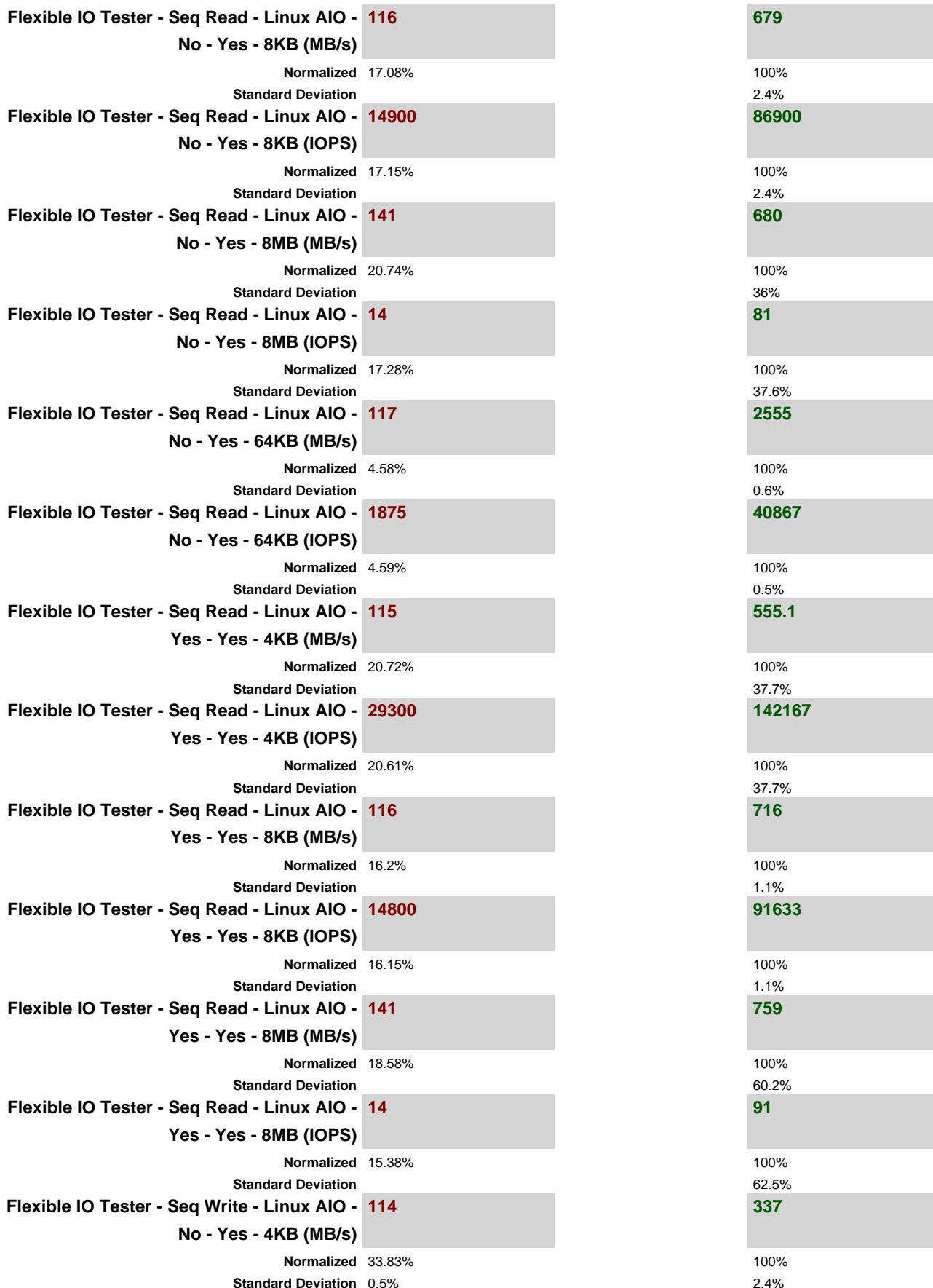
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Flexible IO Tester - Rand Read - Linux AIO - 14700	89133
No - Yes - 8KB (IOPS)	
Normalized 16.49%	100%
Standard Deviation 1.5%	
Flexible IO Tester - Rand Read - Linux AIO - 141	759
No - Yes - 8MB (MB/s)	
Normalized 18.58%	100%
Standard Deviation 0.4%	39.8%
Flexible IO Tester - Rand Read - Linux AIO - 14	91
No - Yes - 8MB (IOPS)	
Normalized 15.38%	100%
Standard Deviation 41.2%	
Flexible IO Tester - Rand Read - Linux AIO - 117	2313
No - Yes - 64KB (MB/s)	
Normalized 5.06%	100%
Standard Deviation 0%	
Flexible IO Tester - Rand Read - Linux AIO - 1876	36700
No - Yes - 64KB (IOPS)	
Normalized 5.11%	100%
Standard Deviation 0%	1.7%
Flexible IO Tester - Rand Read - Linux AIO - 3.122	21.7
Yes - Yes - 4KB (MB/s)	
Normalized 14.39%	100%
Standard Deviation 0.2%	6.3%
Flexible IO Tester - Rand Read - Linux AIO - 777	5552
Yes - Yes - 4KB (IOPS)	
Normalized 13.99%	100%
Standard Deviation 6.2%	
Flexible IO Tester - Rand Read - Linux AIO - 5.705	39.7
Yes - Yes - 8KB (MB/s)	
Normalized 14.37%	100%
Standard Deviation 0.1%	5.9%
Flexible IO Tester - Rand Read - Linux AIO - 709	5078
Yes - Yes - 8KB (IOPS)	
Normalized 13.96%	100%
Standard Deviation 0.2%	5.9%
Flexible IO Tester - Rand Read - Linux AIO - 115	433
Yes - Yes - 8MB (MB/s)	
Normalized 26.56%	100%
Standard Deviation 38.8%	
Flexible IO Tester - Rand Read - Linux AIO - 11	50
Yes - Yes - 8MB (IOPS)	
Normalized 22%	100%
Standard Deviation 41.2%	
Flexible IO Tester - Rand Write - Linux AIO - 30.2	342
No - Yes - 4KB (MB/s)	
Normalized 8.83%	100%
Standard Deviation 2.1%	0.9%
Flexible IO Tester - Rand Write - Linux AIO - 7732	87533
No - Yes - 4KB (IOPS)	
Normalized 8.83%	100%
Standard Deviation 2.1%	0.9%

Flexible IO Tester - Rand Write - Linux AIO -	58.7	659
No - Yes - 8KB (MB/s)		
Normalized	8.91%	100%
Standard Deviation	1.3%	0.4%
Flexible IO Tester - Rand Write - Linux AIO -	7513	84267
No - Yes - 8KB (IOPS)		
Normalized	8.92%	100%
Standard Deviation	1.3%	0.3%
Flexible IO Tester - Rand Write - Linux AIO -	139	782
No - Yes - 8MB (MB/s)		
Normalized	17.77%	100%
Standard Deviation	0.7%	34.5%
Flexible IO Tester - Rand Write - Linux AIO -	14	94
No - Yes - 8MB (IOPS)		
Normalized	14.89%	100%
Standard Deviation		35.8%
Flexible IO Tester - Rand Read - Linux AIO -	118	580
No - Yes - 512KB (MB/s)		
Normalized	20.34%	100%
Standard Deviation		51.2%
Flexible IO Tester - Rand Read - Linux AIO -	233	1157
No - Yes - 512KB (IOPS)		
Normalized	20.14%	100%
Standard Deviation		51.3%
Flexible IO Tester - Rand Read - Linux AIO -	32.5	130
Yes - Yes - 64KB (MB/s)		
Normalized	25%	100%
Standard Deviation	0%	
Flexible IO Tester - Rand Read - Linux AIO -	516	2072
Yes - Yes - 64KB (IOPS)		
Normalized	24.9%	100%
Standard Deviation	0.1%	0.5%
Flexible IO Tester - Rand Write - Linux AIO -	114	1669
No - Yes - 64KB (MB/s)		
Normalized	6.83%	100%
Standard Deviation	0.9%	0.5%
Flexible IO Tester - Rand Write - Linux AIO -	1824	26700
No - Yes - 64KB (IOPS)		
Normalized	6.83%	100%
Standard Deviation	0.7%	0.4%
Flexible IO Tester - Rand Write - Linux AIO -	113	593
Yes - Yes - 4KB (MB/s)		
Normalized	19.06%	100%
Standard Deviation		9.9%
Flexible IO Tester - Rand Write - Linux AIO -	28633	151867
Yes - Yes - 4KB (IOPS)		
Normalized	18.85%	100%
Standard Deviation	1.9%	9.9%
Flexible IO Tester - Rand Write - Linux AIO -	115	594
Yes - Yes - 8KB (MB/s)		
Normalized	19.36%	100%
Standard Deviation		10%

Flexible IO Tester - Rand Write - Linux AIO -	14800	76080
Yes - Yes - 8KB (IOPS)		
Normalized	19.45%	100%
Standard Deviation		10%
Flexible IO Tester - Rand Write - Linux AIO -	148	543
Yes - Yes - 8MB (MB/s)		
Normalized	27.26%	100%
Standard Deviation	14.9%	28.9%
Flexible IO Tester - Rand Write - Linux AIO -	15	64
Yes - Yes - 8MB (IOPS)		
Normalized	23.44%	100%
Standard Deviation	15.1%	30.4%
Flexible IO Tester - Rand Read - Linux AIO -	77.3	291.6
Yes - Yes - 512KB (MB/s)		
Normalized	26.51%	100%
Standard Deviation	0.1%	55.9%
Flexible IO Tester - Rand Read - Linux AIO -	151	580
Yes - Yes - 512KB (IOPS)		
Normalized	26.03%	100%
Standard Deviation		56.3%
Flexible IO Tester - Rand Write - Linux AIO -	117	486
No - Yes - 512KB (MB/s)		
Normalized	24.07%	100%
Standard Deviation	1.3%	44%
Flexible IO Tester - Rand Write - Linux AIO -	229	968
No - Yes - 512KB (IOPS)		
Normalized	23.66%	100%
Standard Deviation	1.3%	44.2%
Flexible IO Tester - Rand Write - Linux AIO -	116	460
Yes - Yes - 64KB (MB/s)		
Normalized	25.22%	100%
Standard Deviation		41%
Flexible IO Tester - Rand Write - Linux AIO -	1850	7369
Yes - Yes - 64KB (IOPS)		
Normalized	25.11%	100%
Standard Deviation		41.1%
Flexible IO Tester - Rand Write - Linux AIO -	125	386
Yes - Yes - 512KB (MB/s)		
Normalized	32.38%	100%
Standard Deviation	12.1%	14%
Flexible IO Tester - Rand Write - Linux AIO -	246	768
Yes - Yes - 512KB (IOPS)		
Normalized	32.03%	100%
Standard Deviation	12.2%	14%
Flexible IO Tester - Seq Read - Linux AIO -	116	345
No - Yes - 4KB (MB/s)		
Normalized	33.62%	100%
Standard Deviation		0.9%
Flexible IO Tester - Seq Read - Linux AIO -	29600	88433
No - Yes - 4KB (IOPS)		
Normalized	33.47%	100%
Standard Deviation		0.9%

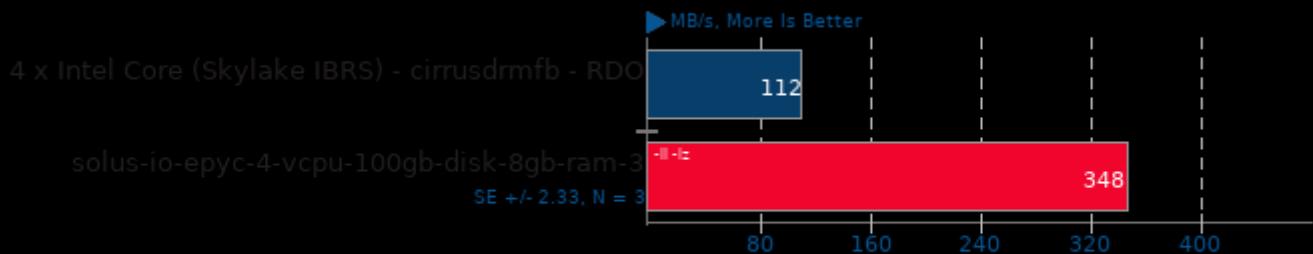


Flexible IO Tester - Seq Write - Linux AIO - 29067	86333
No - Yes - 4KB (IOPS)	
Normalized	33.67%
Standard Deviation	0.5%
Flexible IO Tester - Seq Write - Linux AIO - 114	652
No - Yes - 8KB (MB/s)	
Normalized	17.48%
Standard Deviation	1%
Flexible IO Tester - Seq Write - Linux AIO - 14600	83400
No - Yes - 8KB (IOPS)	
Normalized	17.51%
Standard Deviation	1.2%
Flexible IO Tester - Seq Write - Linux AIO - 140	675
No - Yes - 8MB (MB/s)	
Normalized	20.74%
Standard Deviation	
Flexible IO Tester - Seq Write - Linux AIO - 14	81
No - Yes - 8MB (IOPS)	
Normalized	17.28%
Standard Deviation	
Flexible IO Tester - Seq Read - Linux AIO - 118	484
No - Yes - 512KB (MB/s)	
Normalized	24.38%
Standard Deviation	
Flexible IO Tester - Seq Read - Linux AIO - 233	964
No - Yes - 512KB (IOPS)	
Normalized	24.17%
Standard Deviation	
Flexible IO Tester - Seq Read - Linux AIO - 116	507.5
Yes - Yes - 64KB (MB/s)	
Normalized	22.86%
Standard Deviation	
Flexible IO Tester - Seq Read - Linux AIO - 1847	8110
Yes - Yes - 64KB (IOPS)	
Normalized	22.77%
Standard Deviation	0%
Flexible IO Tester - Seq Write - Linux AIO - 115	1720
No - Yes - 64KB (MB/s)	
Normalized	6.69%
Standard Deviation	
Flexible IO Tester - Seq Write - Linux AIO - 1840	27500
No - Yes - 64KB (IOPS)	
Normalized	6.69%
Standard Deviation	0.6%
Flexible IO Tester - Seq Write - Linux AIO - 118	587
Yes - Yes - 4KB (MB/s)	
Normalized	20.1%
Standard Deviation	7.7%
Flexible IO Tester - Seq Write - Linux AIO - 30293	150475
Yes - Yes - 4KB (IOPS)	
Normalized	20.13%
Standard Deviation	7.6%

Flexible IO Tester - Seq Write - Linux AIO - 130	410
Yes - Yes - 8KB (MB/s)	
Normalized	31.71%
Standard Deviation	13.1%
Flexible IO Tester - Seq Write - Linux AIO - 16613	52347
Yes - Yes - 8KB (IOPS)	
Normalized	31.74%
Standard Deviation	13.1%
Flexible IO Tester - Seq Write - Linux AIO - 146	431
Yes - Yes - 8MB (MB/s)	
Normalized	33.87%
Standard Deviation	12.1%
Flexible IO Tester - Seq Write - Linux AIO - 15	50
Yes - Yes - 8MB (IOPS)	
Normalized	30%
Standard Deviation	12%
Flexible IO Tester - Seq Read - Linux AIO - 118	259
Yes - Yes - 512KB (MB/s)	
Normalized	45.56%
Standard Deviation	0.5%
Flexible IO Tester - Seq Read - Linux AIO - 232	514
Yes - Yes - 512KB (IOPS)	
Normalized	45.14%
Standard Deviation	0.2%
Flexible IO Tester - Seq Write - Linux AIO - 116	423
No - Yes - 512KB (MB/s)	
Normalized	27.42%
Standard Deviation	0.9%
Flexible IO Tester - Seq Write - Linux AIO - 228	843
No - Yes - 512KB (IOPS)	
Normalized	27.05%
Standard Deviation	0.7%
Flexible IO Tester - Seq Write - Linux AIO - 116	301
Yes - Yes - 64KB (MB/s)	
Normalized	38.54%
Standard Deviation	0.5%
Flexible IO Tester - Seq Write - Linux AIO - 1848	4812
Yes - Yes - 64KB (IOPS)	
Normalized	38.4%
Standard Deviation	0.7%
Flexible IO Tester - Seq Write - Linux AIO - 118	412
Yes - Yes - 512KB (MB/s)	
Normalized	28.64%
Standard Deviation	
Flexible IO Tester - Seq Write - Linux AIO - 233	821
Yes - Yes - 512KB (IOPS)	
Normalized	28.38%
Standard Deviation	

Flexible IO Tester 3.18

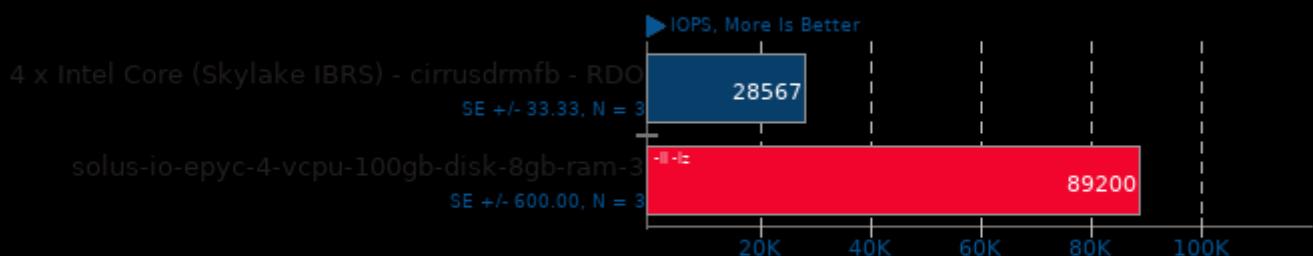
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -lai0 -lpthread -lm -ldl

Flexible IO Tester 3.18

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



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Flexible IO Tester 3.18

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Flexible IO Tester 3.18

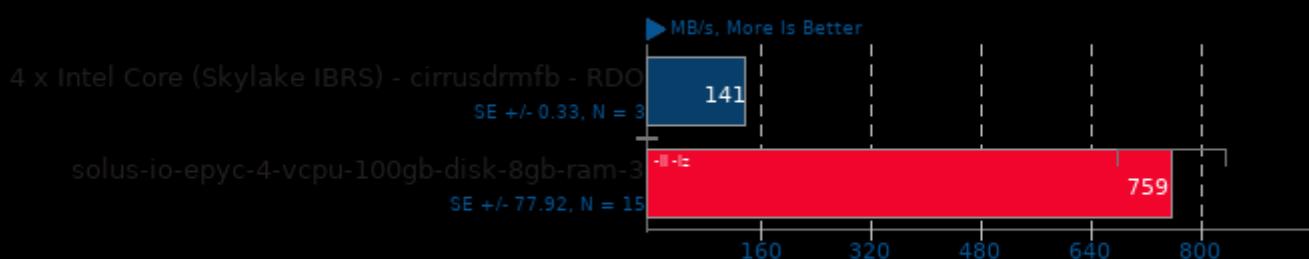
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Flexible IO Tester 3.18

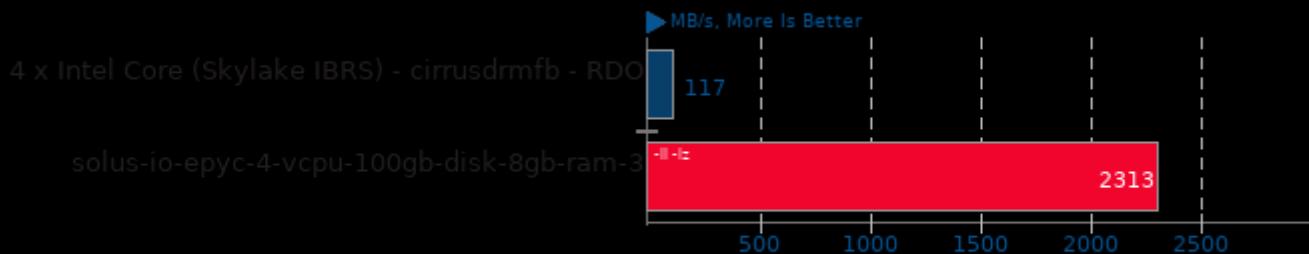
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

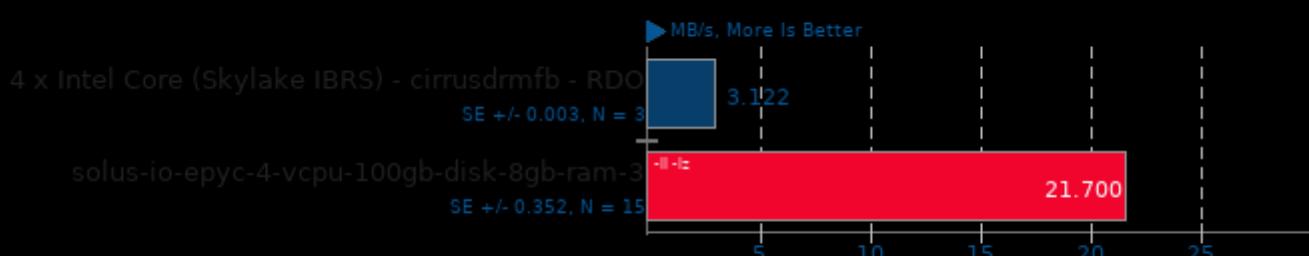
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

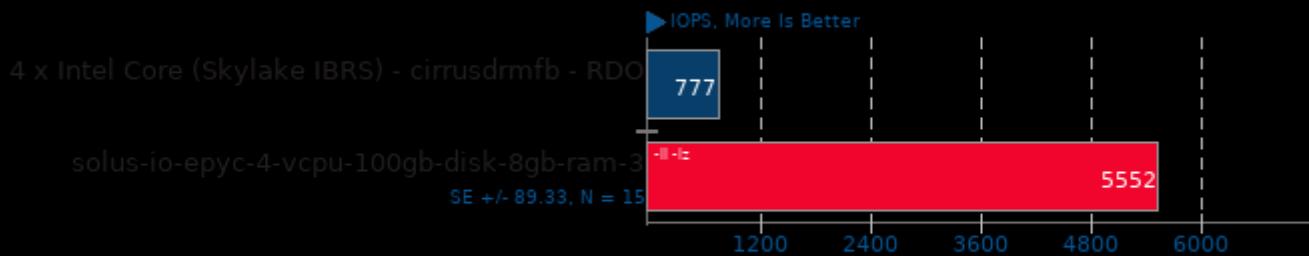
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

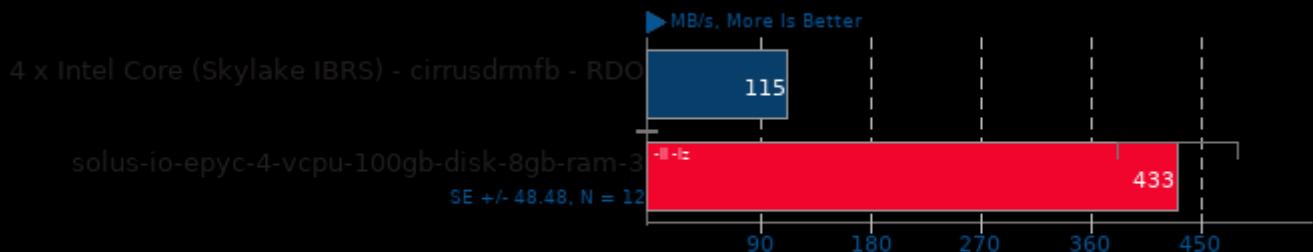
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Flexible IO Tester 3.18

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Flexible IO Tester 3.18

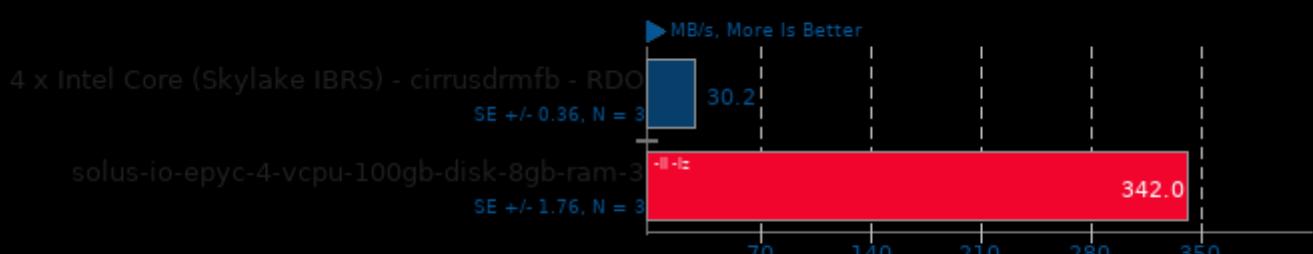
Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

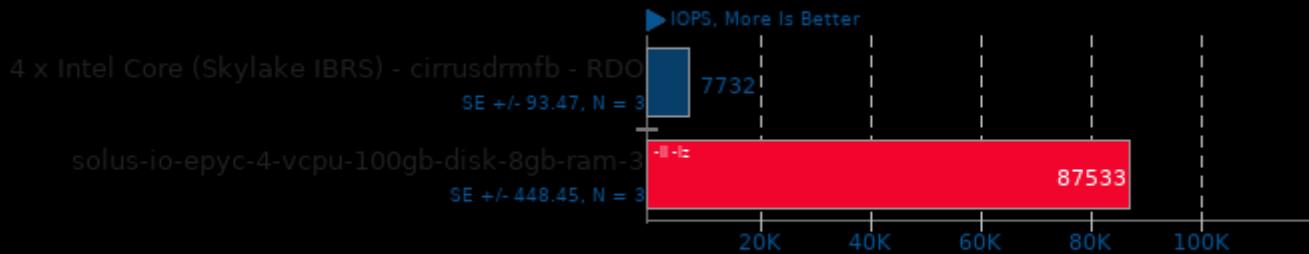
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Flexible IO Tester 3.18

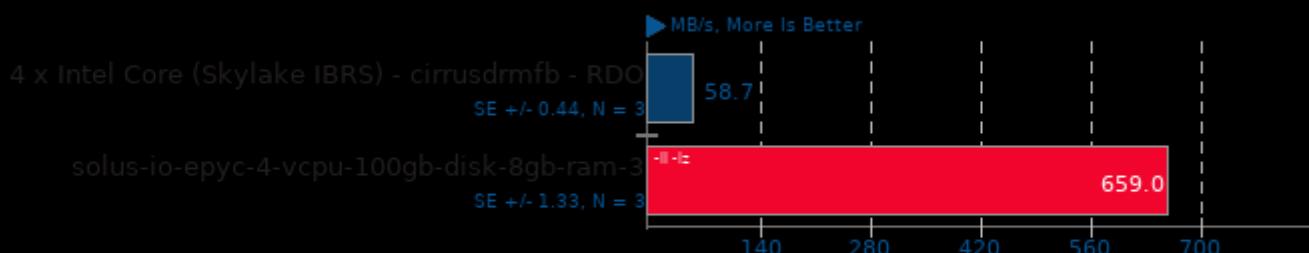
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Flexible IO Tester 3.18

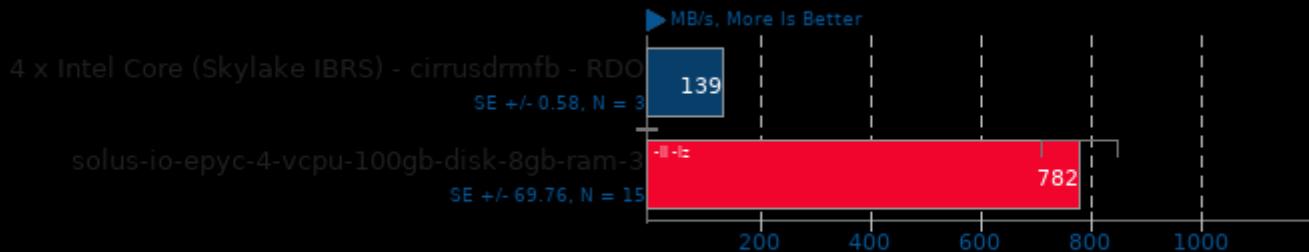
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

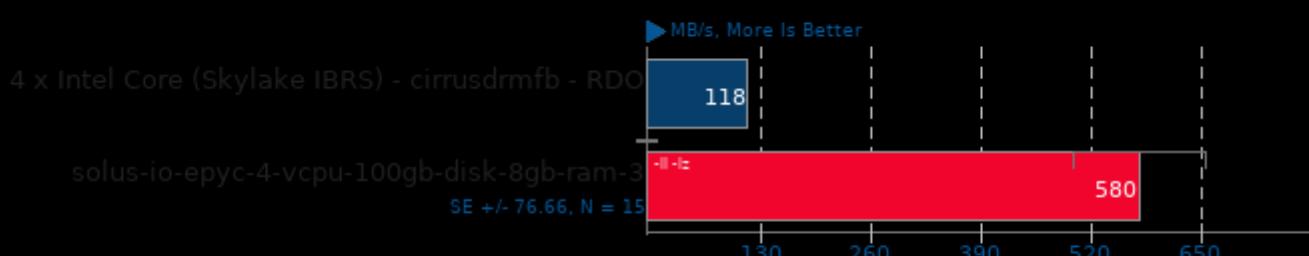
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

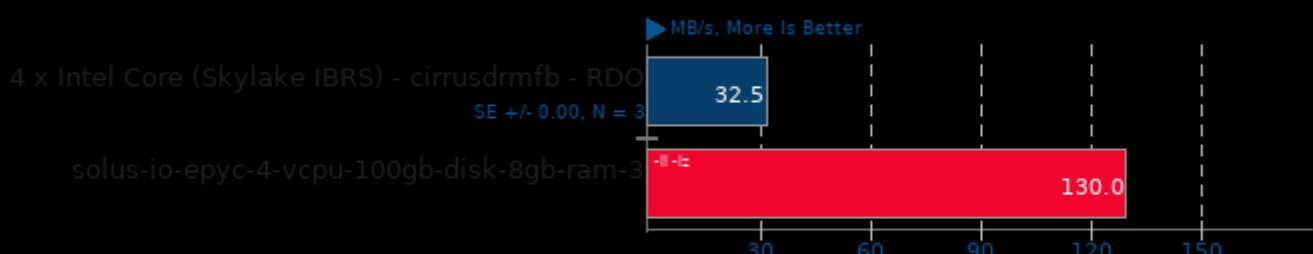
Type: Random Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

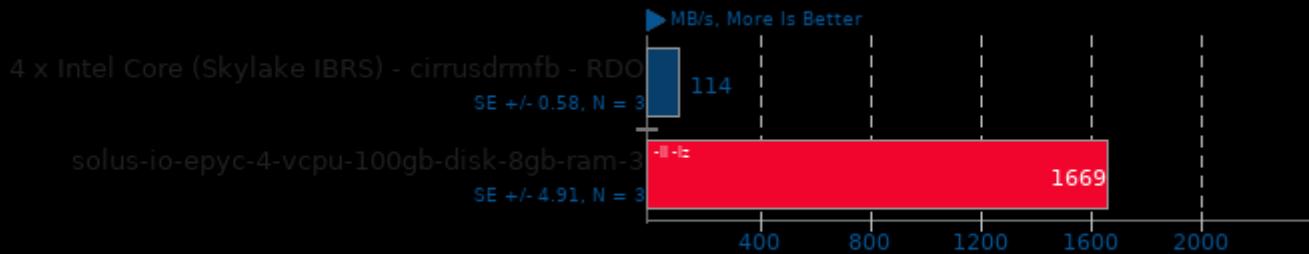
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

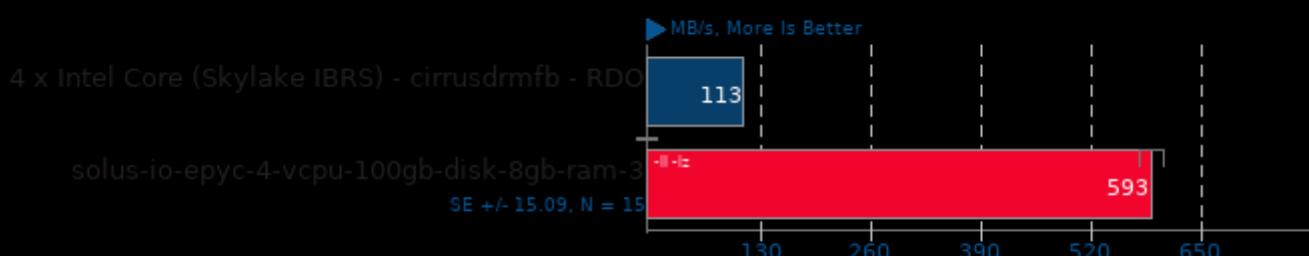
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -lai0 -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -lai0 -lpthread -lm -ldl

Flexible IO Tester 3.18

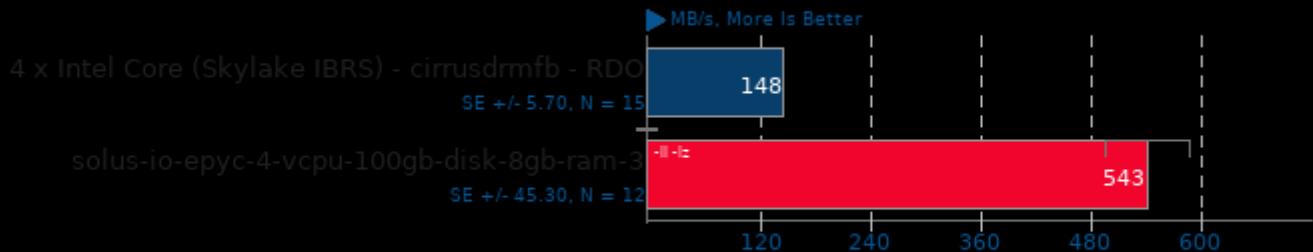
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -lai0 -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

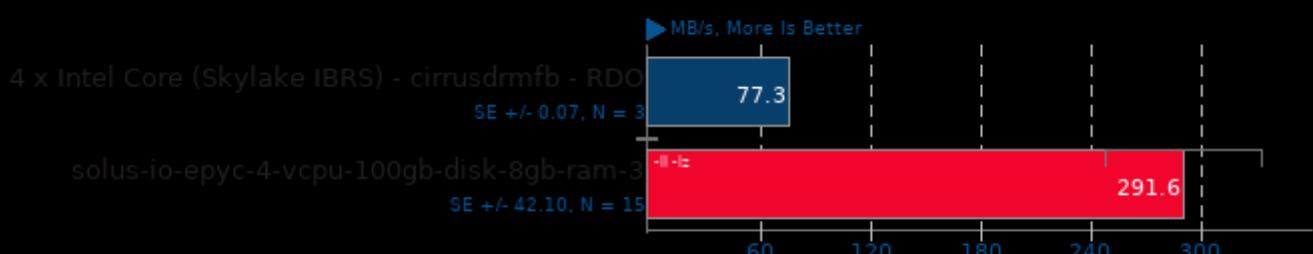
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

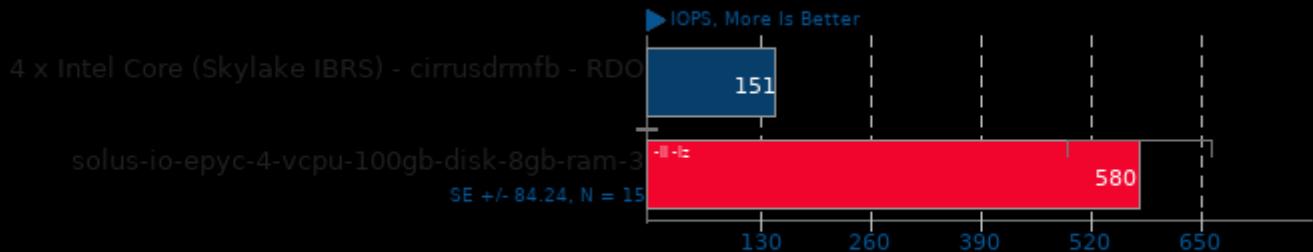
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Random Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

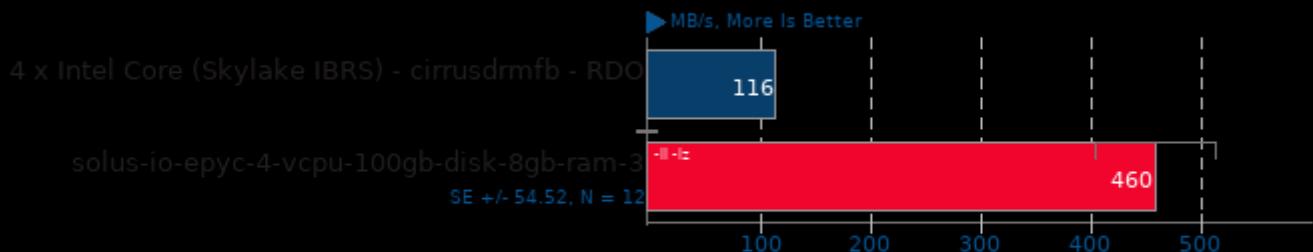
Type: Random Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

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Flexible IO Tester 3.18

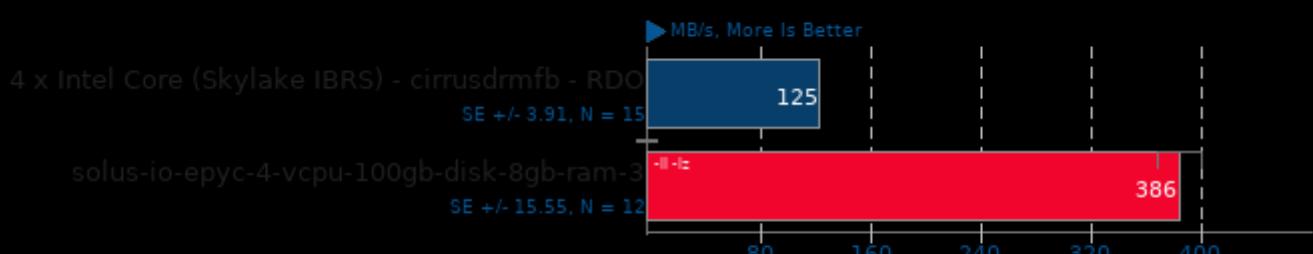
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lmem -ldl

Flexible IO Tester 3.18

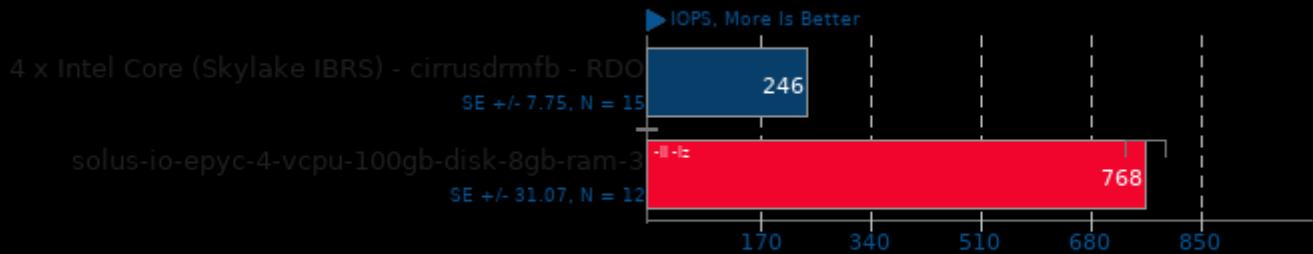
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lmem -ldl

Flexible IO Tester 3.18

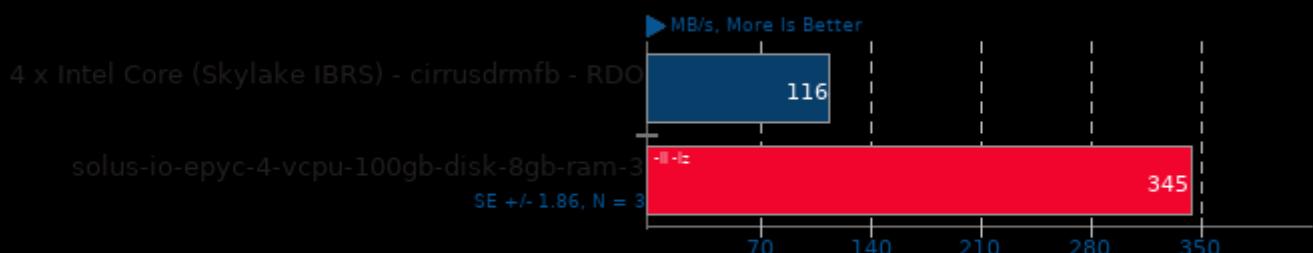
Type: Random Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

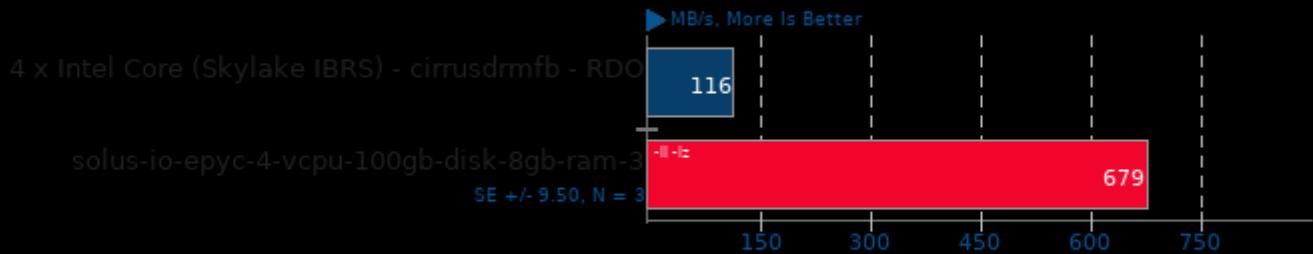
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

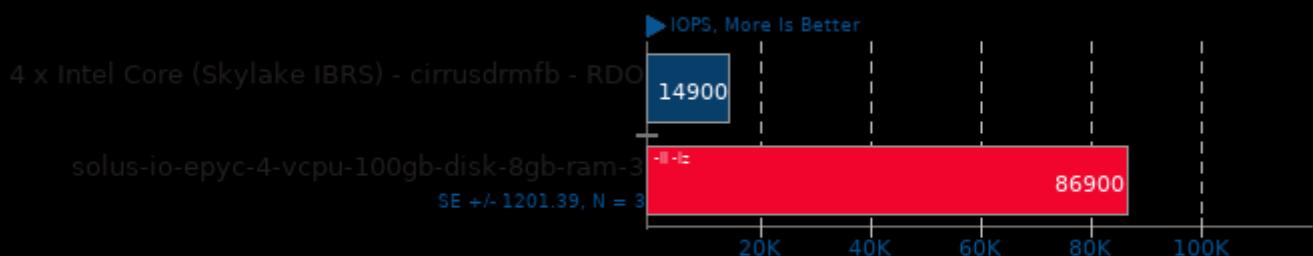
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

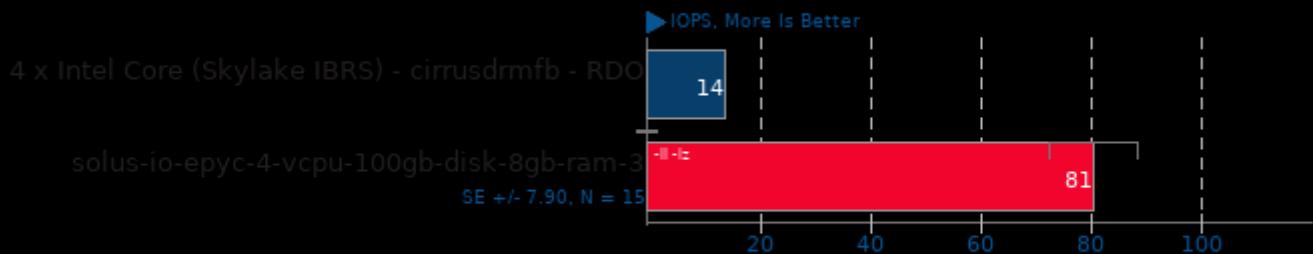
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laios -lpthread -lm -ldl

Flexible IO Tester 3.18

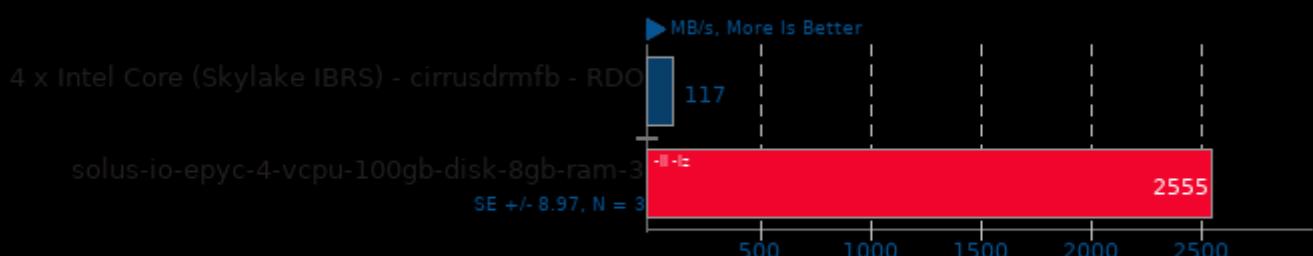
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

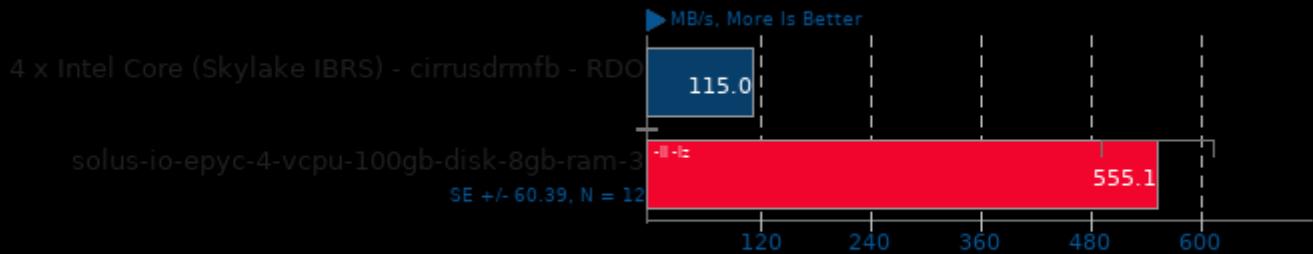
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

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Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

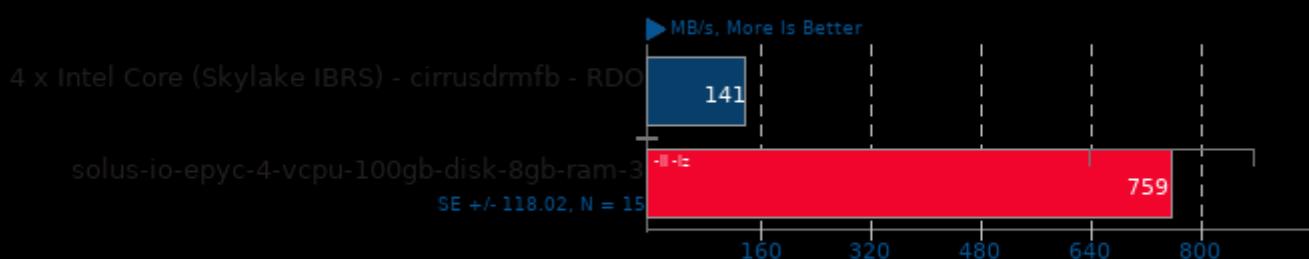
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

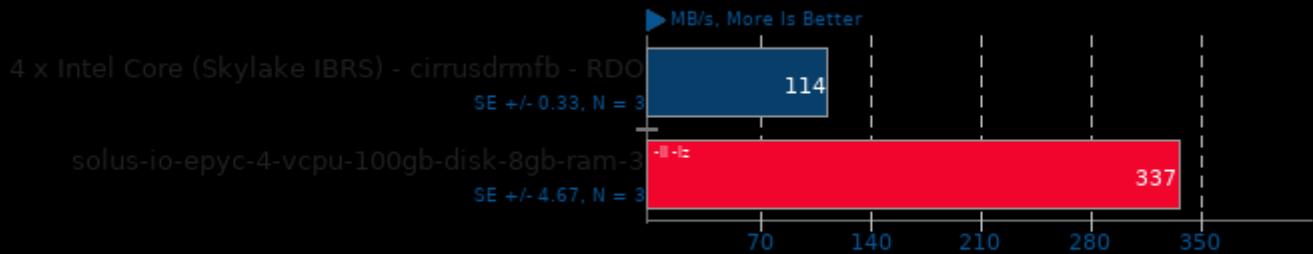
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Flexible IO Tester 3.18

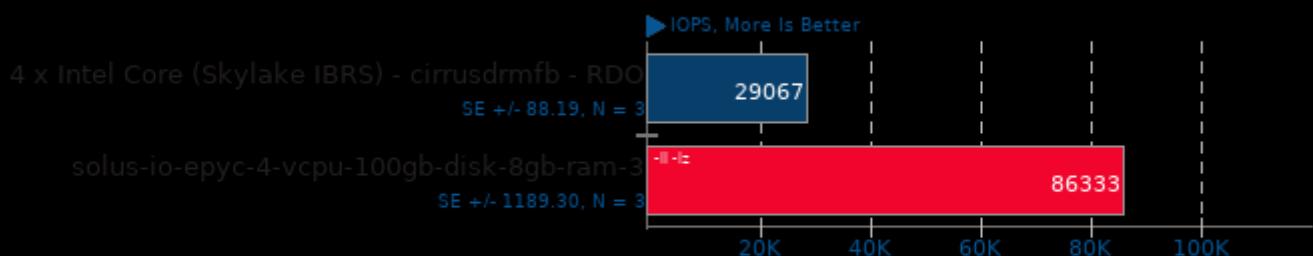
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Flexible IO Tester 3.18

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Flexible IO Tester 3.18

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Flexible IO Tester 3.18

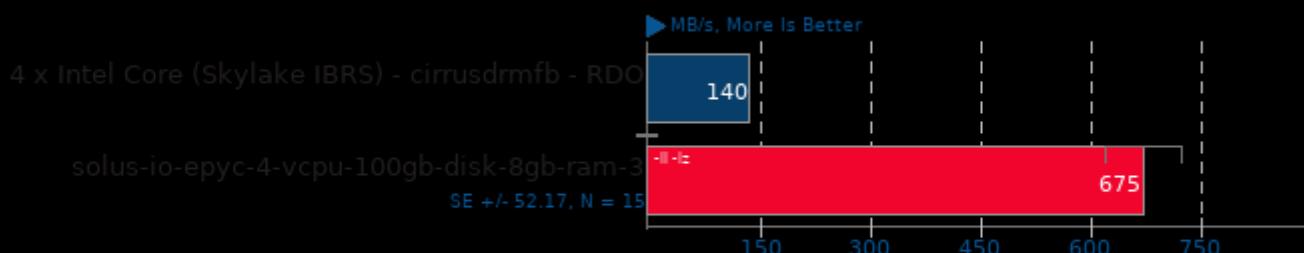
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lmem -ldl

Flexible IO Tester 3.18

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Flexible IO Tester 3.18

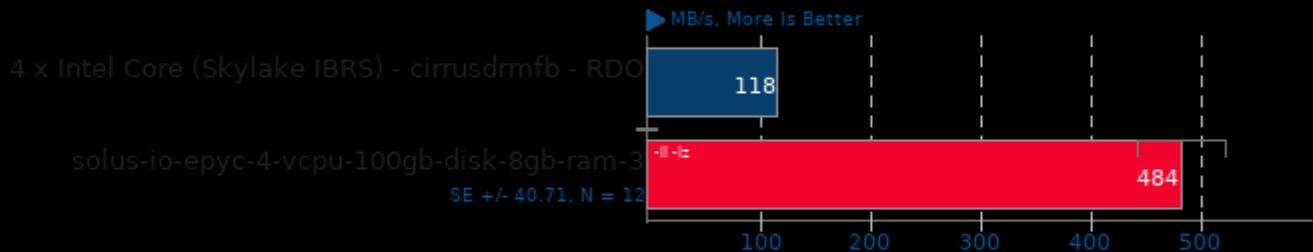
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

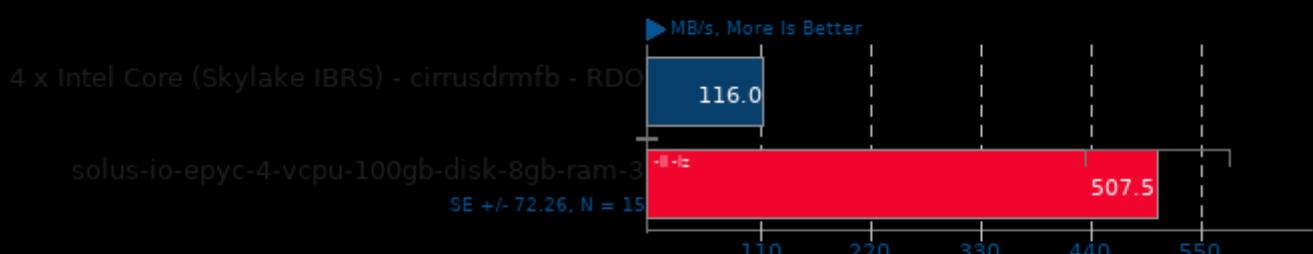
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lmem -ldl

Flexible IO Tester 3.18

Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

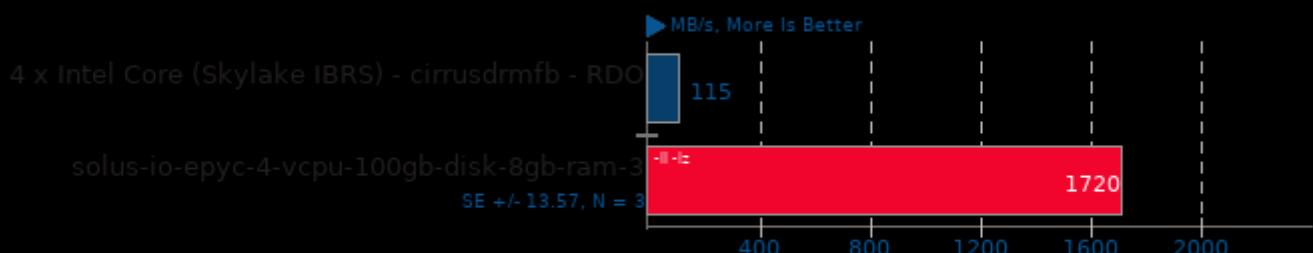
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -lai0 -lpthread -lm -ldl

Flexible IO Tester 3.18

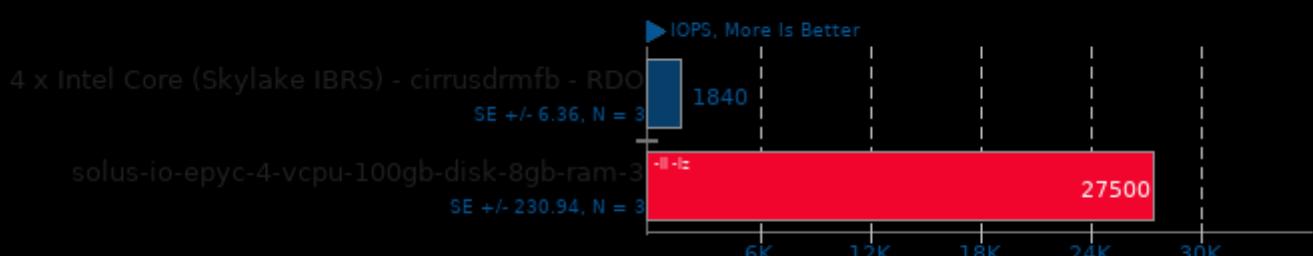
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Flexible IO Tester 3.18

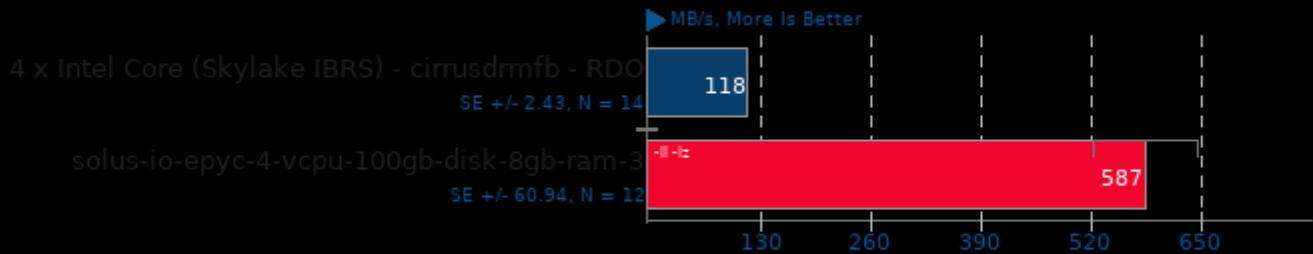
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -lai0 -lpthread -lm -ldl

Flexible IO Tester 3.18

Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

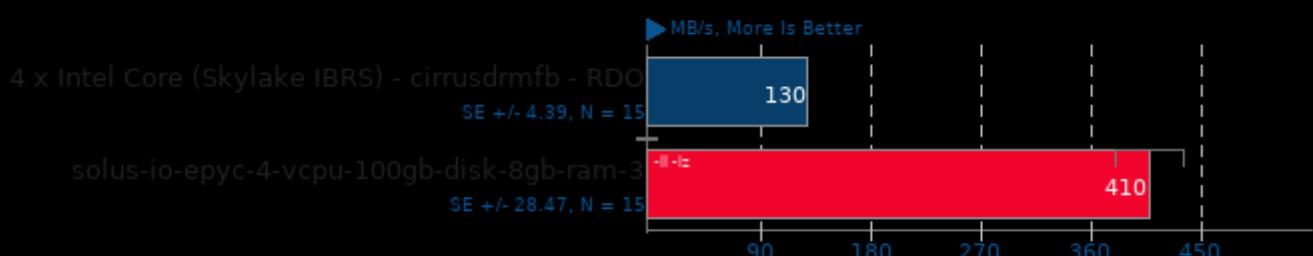
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1. (CC) gcc options: -rdynamic -std=gnu99 -ffast-math -include -O3 -fcommon -U_FORTIFY_SOURCE -march=native -lrt -laio -lpthread -lmem -ldl

Flexible IO Tester 3.18

Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

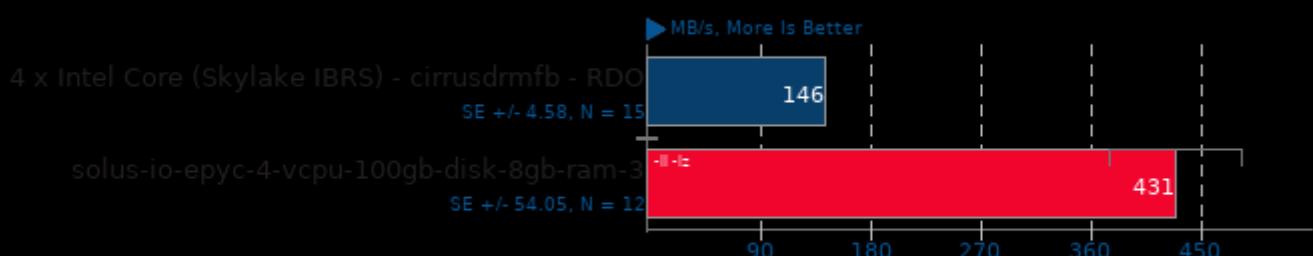
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Flexible IO Tester 3.18

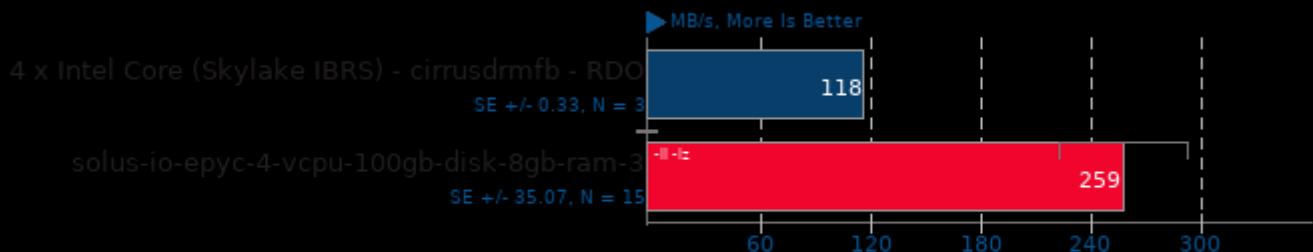
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

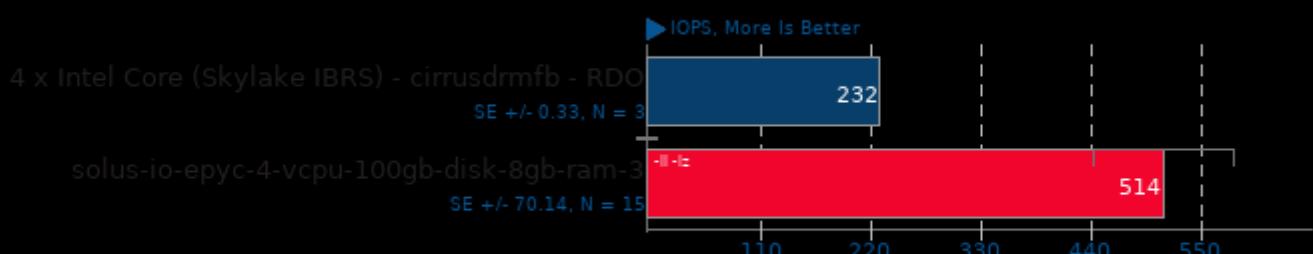
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

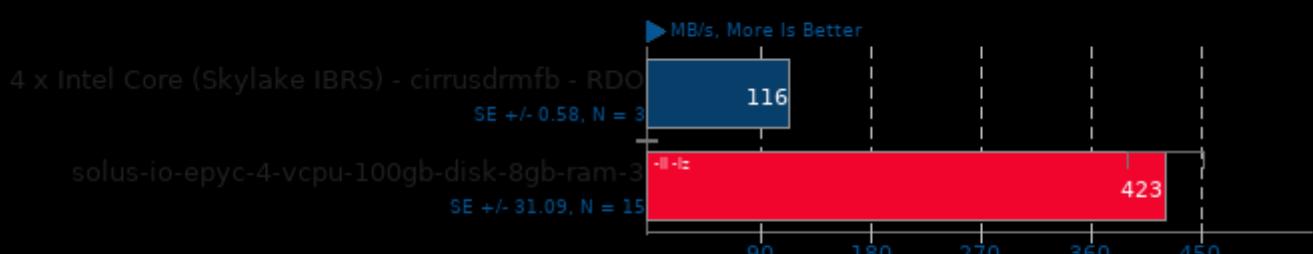
Type: Sequential Read - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.18

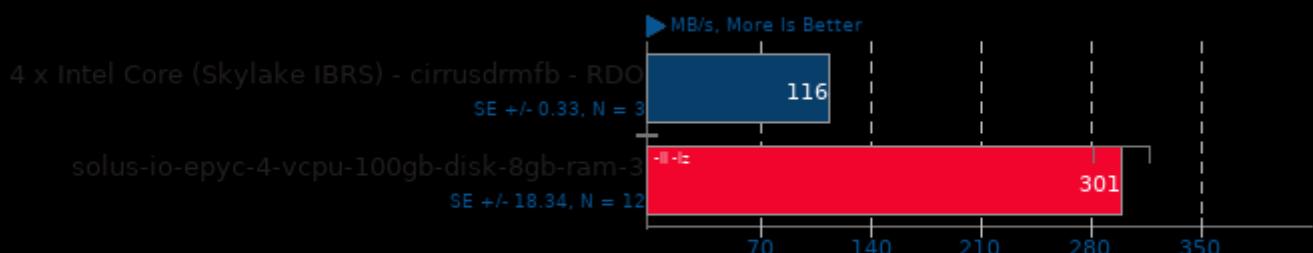
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

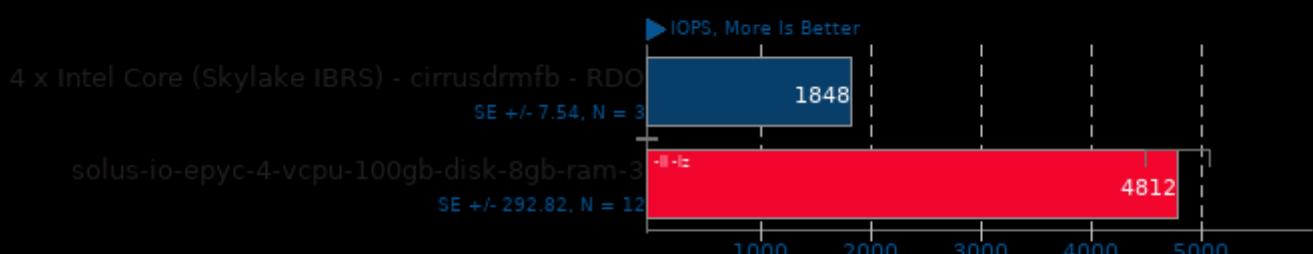
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

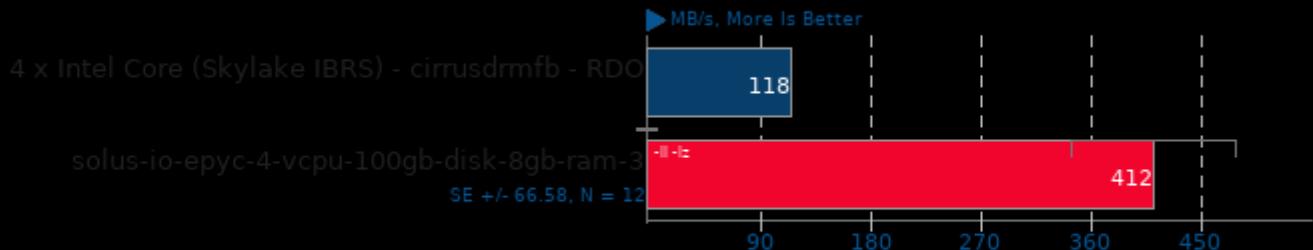
Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 64KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.18

Type: Sequential Write - Engine: Linux AIO - Buffered: Yes - Direct: Yes - Block Size: 512KB - Disk Target: Default Test Directory



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

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 19:06.