

www.phoronix-test-suite.com

disk suite test

esxi-freenas-ds4k

Test Systems:

esxi-freenas-ds4k

Processor: 4 x Intel Xeon E7 4870 (8 Cores), Motherboard: Intel 440BX (6.00 BIOS), Chipset: Intel 440BX/ZX/DX, Memory: 2 x 16384 MB DRAM, Disk: 64GB Virtual disk, Graphics: VMware SVGA II, Network: VMware VMXNET3

OS: CentOS Linux 7, Kernel: 3.10.0-514.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: btrfs, Screen Resolution: 1176x885, 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 / relatime,rw,seclabel,space_cache,ssd,subvol=/root,subvolid=257
Python Notes: Python 2.7.5
Security Notes: SELinux

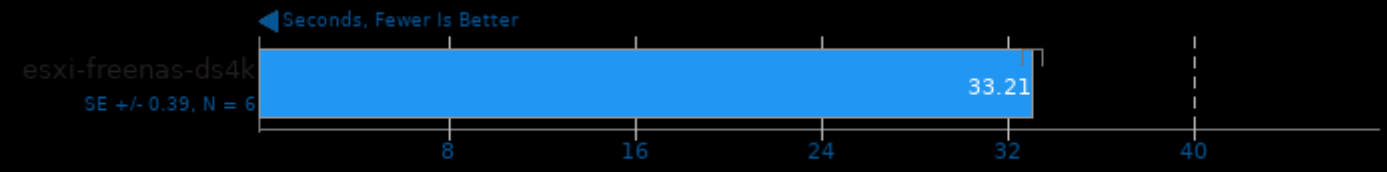
disk suite test

	esxi-freenas-ds4k
SQLite - T.S.I (sec)	33.21
Standard Deviation	2.9%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 2MB (MB/s)	743
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4KB (MB/s)	214
Standard Deviation	1.2%
Flexible IO Tester - Rand Read - Linux AIO - No - Yes - 4KB (IOPS)	54733
Standard Deviation	1%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 2MB (MB/s)	84.60
Standard Deviation	2.4%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB (MB/s)	105.09
Standard Deviation	13.1%
Flexible IO Tester - Rand Write - Linux AIO - No - Yes - 4KB (IOPS)	26900
Standard Deviation	13.1%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 2MB (MB/s)	288
Standard Deviation	0.6%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 4KB (MB/s)	203
Standard Deviation	2%
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 4KB (IOPS)	52033
Standard Deviation	2%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 2MB (MB/s)	78.88
Standard Deviation	9%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 4KB (MB/s)	93.20
Standard Deviation	9.4%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 4KB (IOPS)	23853
Standard Deviation	9.5%
FS-Mark - 1.F.1.S (Files/s)	304.27
Standard Deviation	3.5%
FS-Mark - 5.F.1.S.4.T (Files/s)	718.27
Standard Deviation	2.8%
FS-Mark - 4.F.3.S.D.1.S (Files/s)	310.53
Standard Deviation	1.1%
FS-Mark - 1.F.1.S.N.S.F (Files/s)	1425
Standard Deviation	1.2%
Dbench - 12 Clients (MB/s)	443.87
Standard Deviation	0.9%
Dbench - 1 Clients (MB/s)	205.20
Standard Deviation	0.1%
Compile Bench - Compile (MB/s)	651.41
Standard Deviation	0.2%
Compile Bench - Initial Create (MB/s)	61.28
Standard Deviation	0.2%
Compile Bench - Read Compiled Tree (MB/s)	321.18
Standard Deviation	0.8%
PostMark - D.T.P (TPS)	2435
Standard Deviation	0.5%

disk suite test

SQLite 3.22

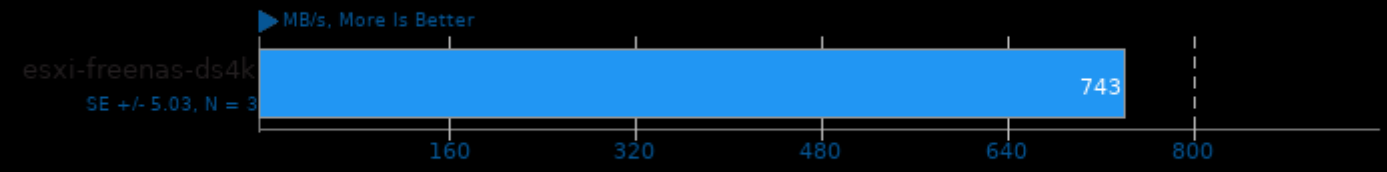
Timed SQLite Insertions



1. (CC) gcc options: -O2 -ldl -lpthread

Flexible IO Tester 3.1

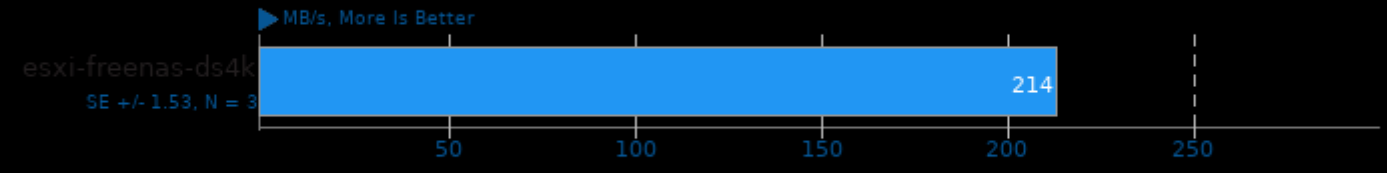
Type: Random Read - IO Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 2MB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.1

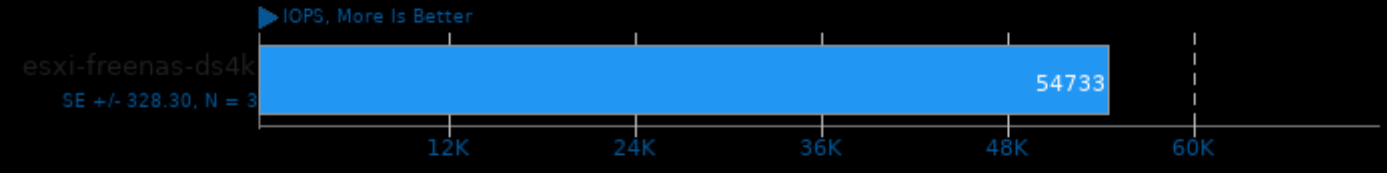
Type: Random Read - IO Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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

Flexible IO Tester 3.1

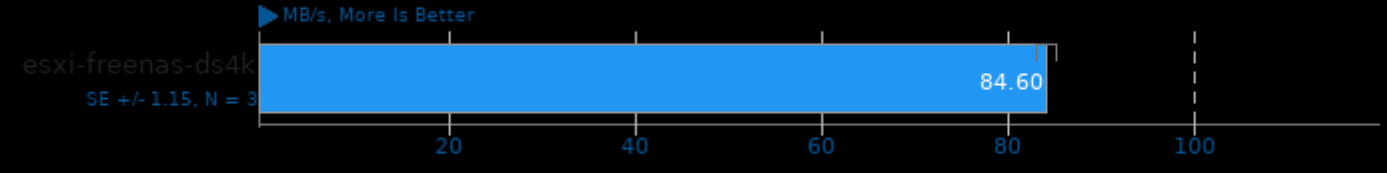
Type: Random Read - IO Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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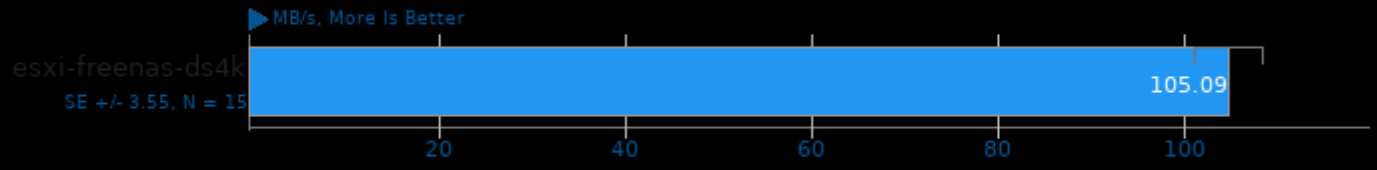


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disk suite test

Flexible IO Tester 3.1

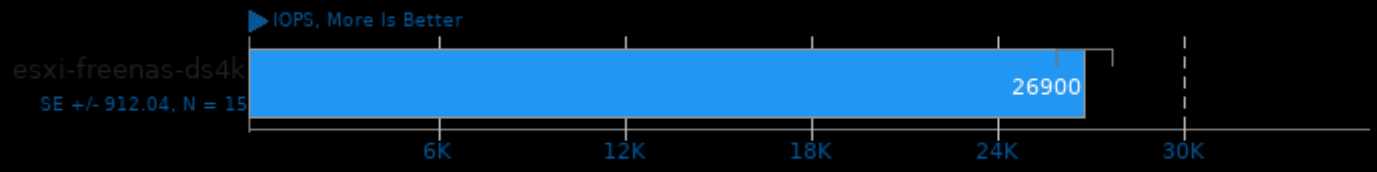
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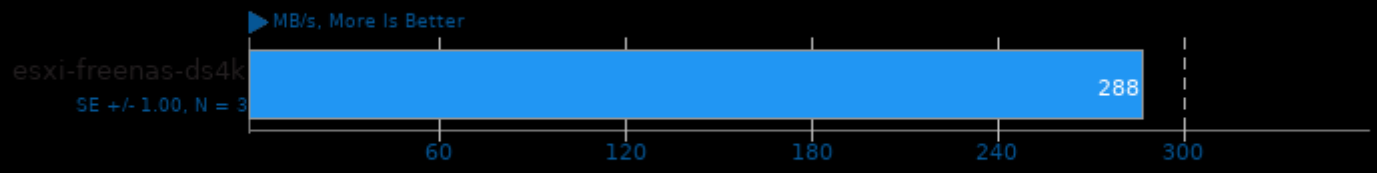
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Flexible IO Tester 3.1

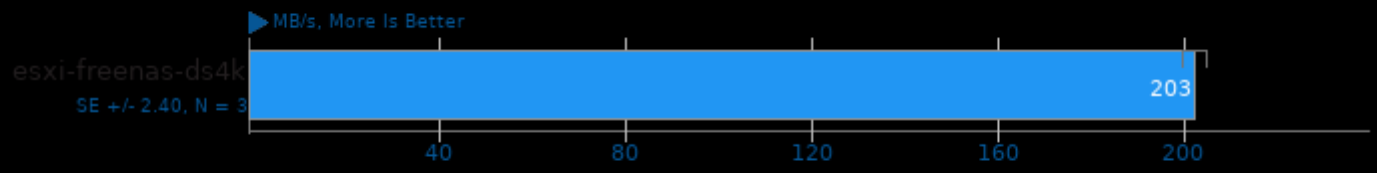
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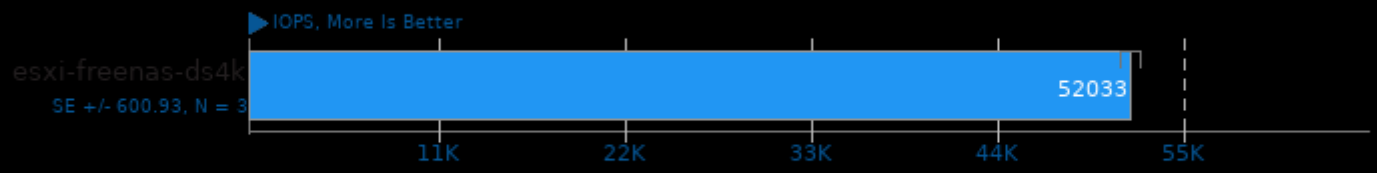
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Flexible IO Tester 3.1

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

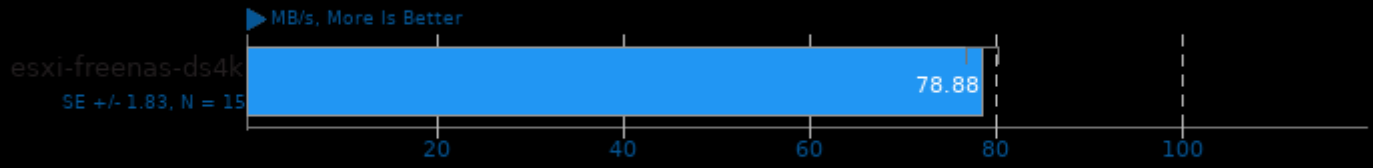


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disk suite test

Flexible IO Tester 3.1

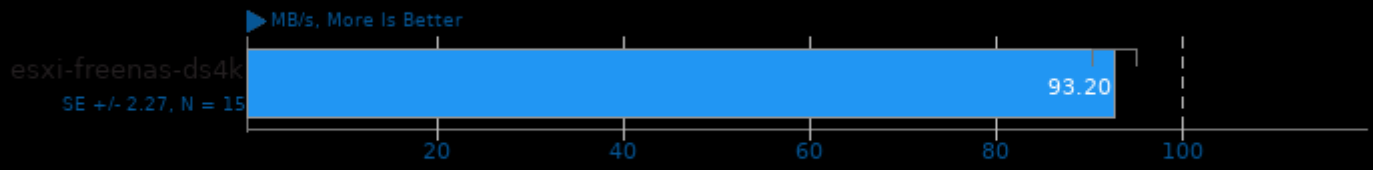
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Flexible IO Tester 3.1

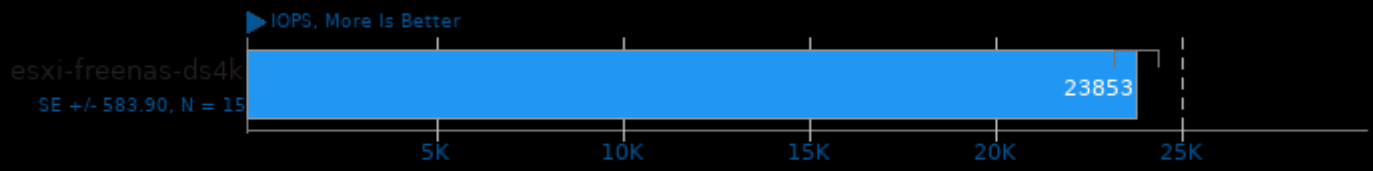
Type: Sequential Write - IO Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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Flexible IO Tester 3.1

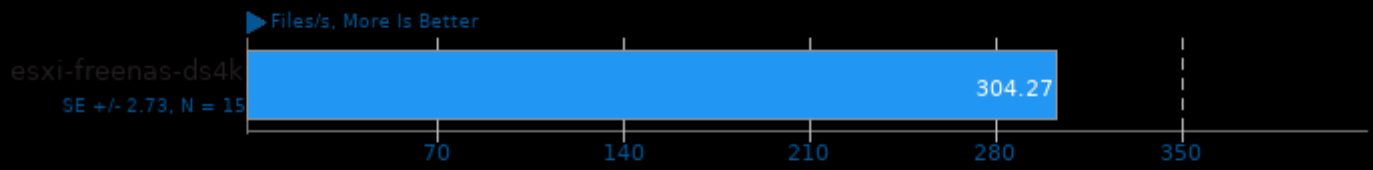
Type: Sequential Write - IO Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory



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

FS-Mark 3.3

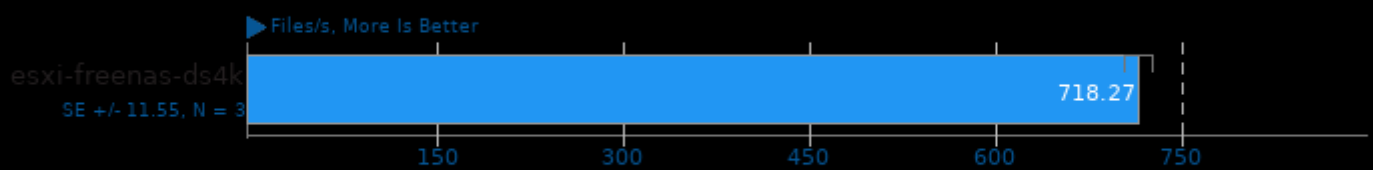
Test: 1000 Files, 1MB Size



1. (CC) gcc options: -static

FS-Mark 3.3

Test: 5000 Files, 1MB Size, 4 Threads

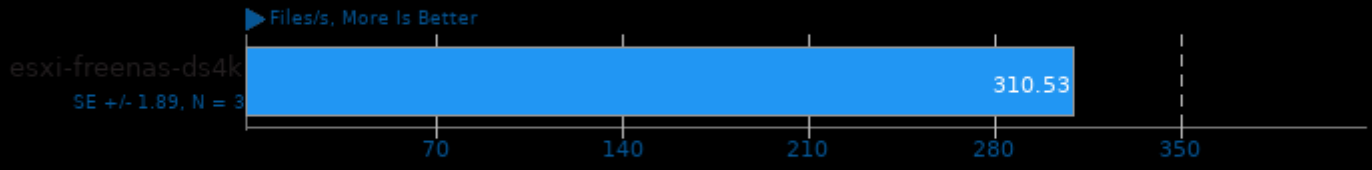


1. (CC) gcc options: -static

disk suite test

FS-Mark 3.3

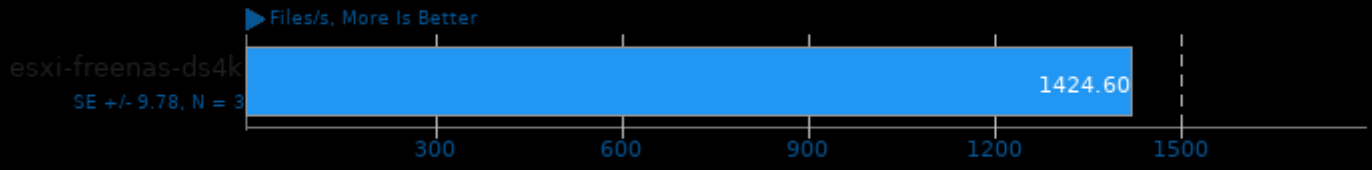
Test: 4000 Files, 32 Sub Dirs, 1MB Size



1. (CC) gcc options: -static

FS-Mark 3.3

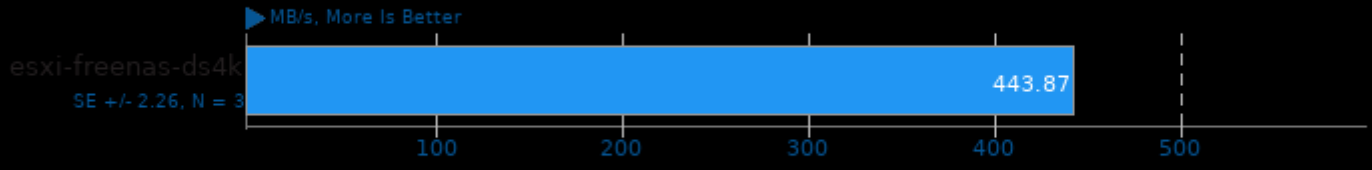
Test: 1000 Files, 1MB Size, No Sync/FSync



1. (CC) gcc options: -static

Dbench 4.0

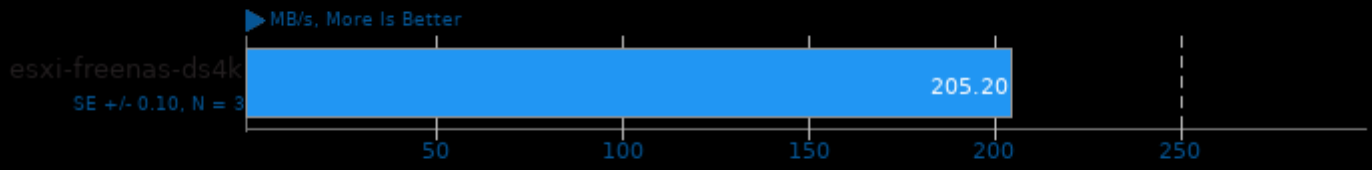
12 Clients



1. (CC) gcc options: -lpopt -O2

Dbench 4.0

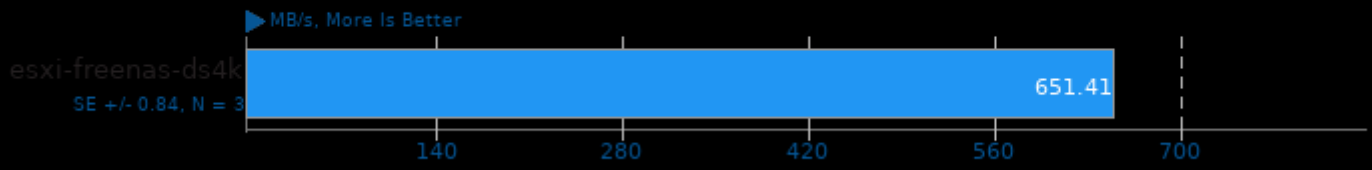
1 Clients



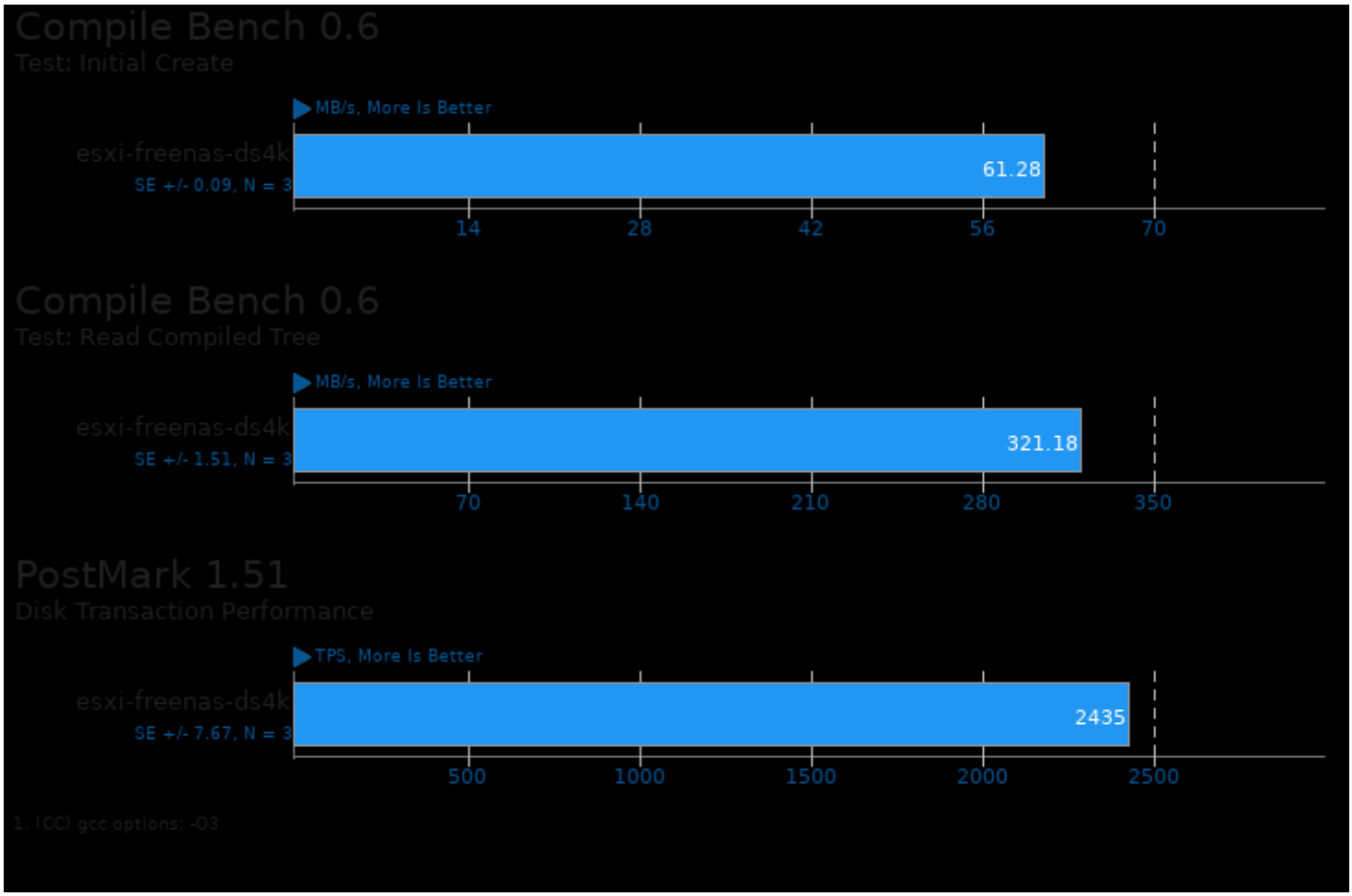
1. (CC) gcc options: -lpopt -O2

Compile Bench 0.6

Test: Compile



disk suite test



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 17:19.