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VMware testing on CentOS Linux 8 via the Phoronix Test Suite.

Test Systems:

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fs1

fs2

Processor: Intel Xeon E5504 (1 Core), Motherboard: Intel 440BX (6.00 BIOS), Chipset: Intel 440BX/ZX/DX, Memory: 1 x 512 MB DRAM, Disk: 43GB Virtual disk, Graphics: VMware SVGA II, Network: VMware VMXNET3

OS: CentOS Linux 8, Kernel: 4.18.0-193.6.3.el8_2.x86_64 (x86_64), Compiler: GCC 8.3.1 20191121, File-System: xfs, Screen Resolution: 1176x885, System Layer: VMware

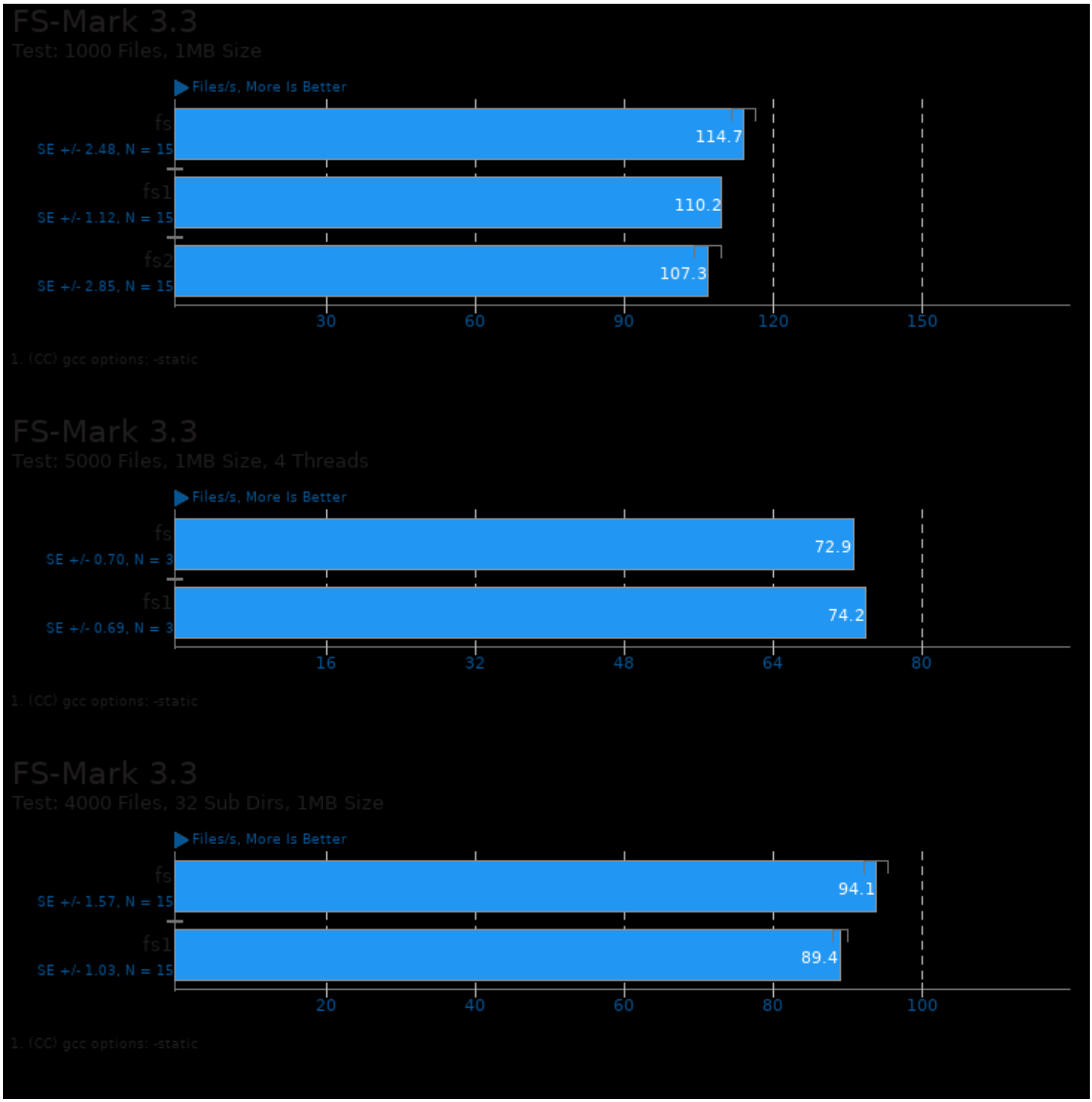
Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib

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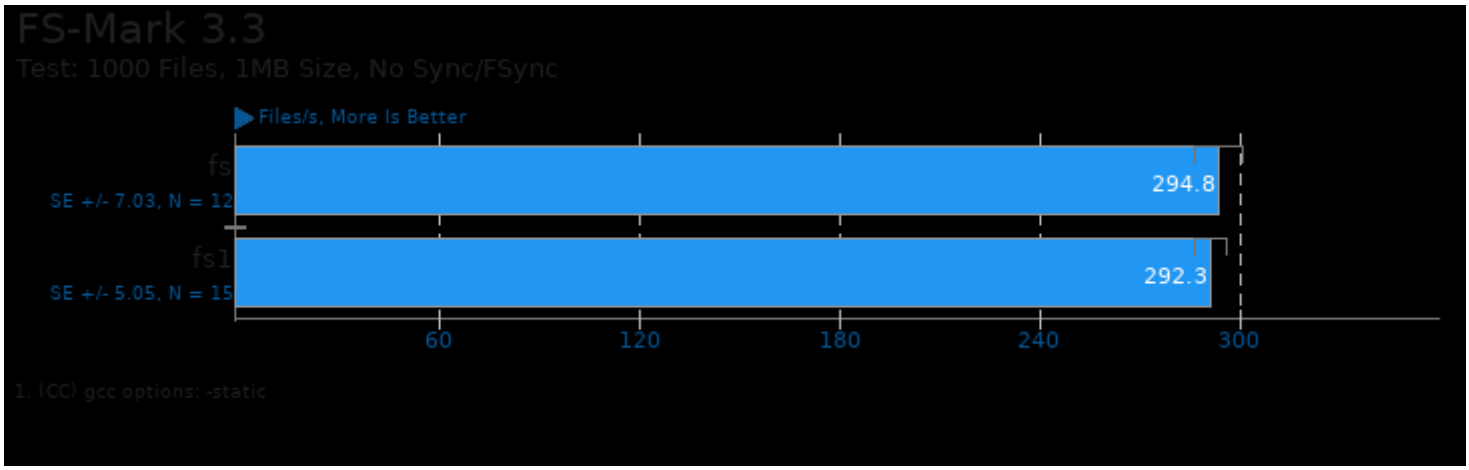
--enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Disk Notes: MQ-DEADLINE / attr2,inode64,noquota,relatime,rw
Processor Notes: CPU Microcode: 0x11
Security Notes: itlb_multihit: KVM: 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 usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	fs	fs1	fs2
FS-Mark - 1.F.1.S (Files/s)	**114.7**	110.2	**107.3**
Normalized	100%	96.08%	93.55%
Standard Deviation	8.4%	3.9%	10.3%
FS-Mark - 5.F.1.S.4.T (Files/s)	**72.9**	**74.2**	
Normalized	98.25%	100%	
Standard Deviation	1.7%	1.6%	
FS-Mark - 4.F.3.S.D.1.S (Files/s)	**94.1**	**89.4**	
Normalized	100%	95.01%	
Standard Deviation	6.4%	4.4%	
FS-Mark - 1.F.1.S.N.S.F (Files/s)	**294.8**	**292.3**	
Normalized	100%	99.15%	
Standard Deviation	8.3%	6.7%	

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FS-Mark 3.3
Test: 1000 Files, 1MB Size
Files/s, More Is Better
fs
SE +/- 2.48, N = 15
114.7
fs1
SE +/- 1.12, N = 15
110.2
fs2
SE +/- 2.85, N = 15
107.3
30
60
90
120
150
1. (CC) gcc options: -static
FS-Mark 3.3
Test: 5000 Files, 1MB Size, 4 Threads
Files/s, More Is Better
fs
SE +/- 0.70, N = 3
72.9
fs1
SE +/- 0.69, N = 3
74.2
16
32
48
64
80
1. (CC) gcc options: -static
FS-Mark 3.3
Test: 4000 Files, 32 Sub Dirs, 1MB Size
Files/s, More Is Better
fs
SE +/- 1.57, N = 15
94.1
fs1
SE +/- 1.03, N = 15
89.4
20
40
60
80
100
1. (CC) gcc options: -static

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 22:40.