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mbw2

Intel Xeon D-1521 testing with a Supermicro X10SDV-4C-TLN2F v2.00 and ASPEED ASPEED Family on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

performance

Processor: Intel Xeon D-1521 @ 2.70GHz (8 Cores), Motherboard: Supermicro X10SDV-4C-TLN2F v2.00, Chipset: Intel Xeon E7 v4/Xeon, Memory: 1.96875 x 32768 MB DDR4-2400MT/s Samsung, Disk: 1919GB MR9271-4i, Graphics: ASPEED ASPEED Family, Network: Intel Connection X552/X557-AT

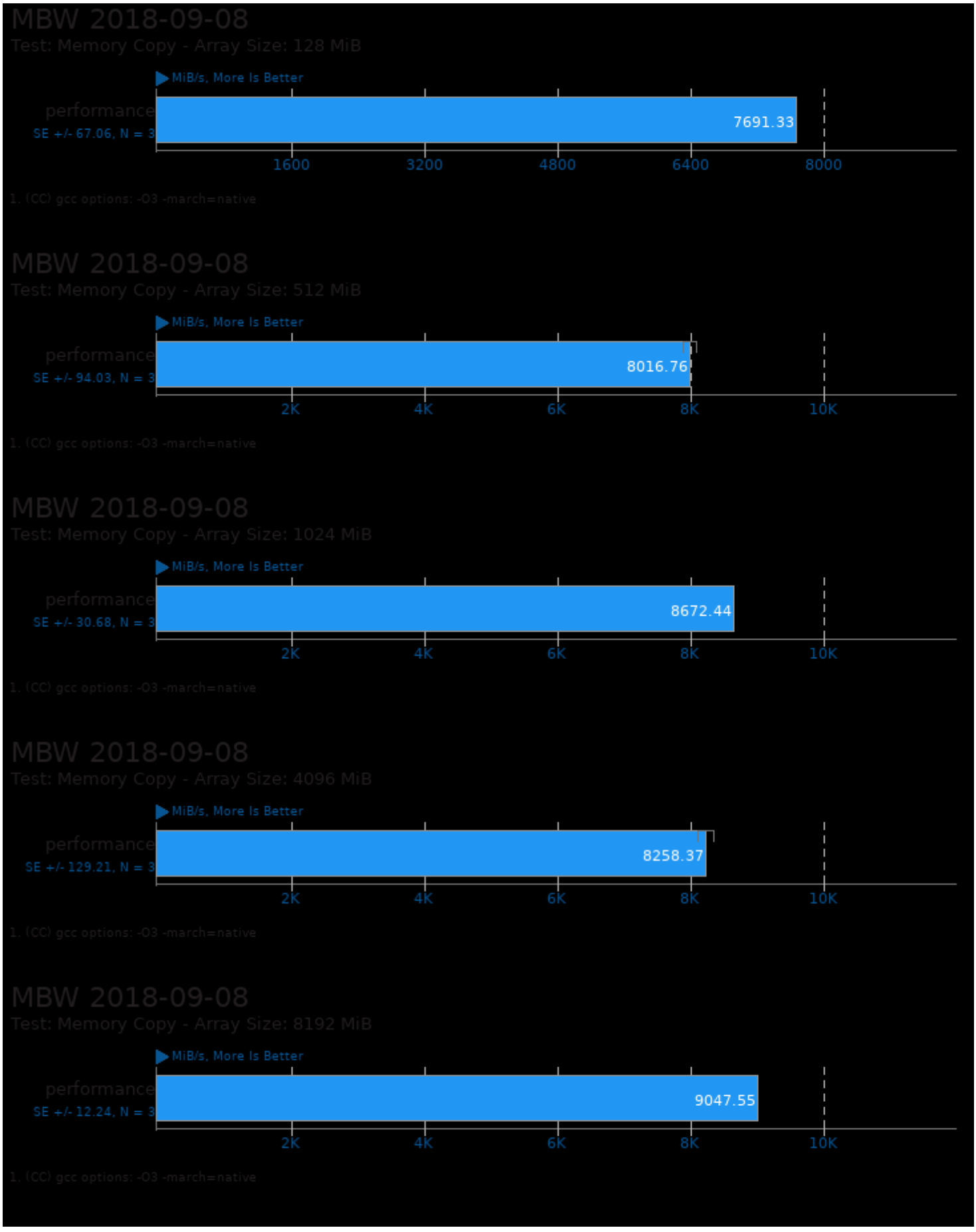
OS: Ubuntu 18.04, Kernel: 4.15.0-96-generic (x86_64), File-System: ext4, Screen Resolution: 1024x768

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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 --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate performance

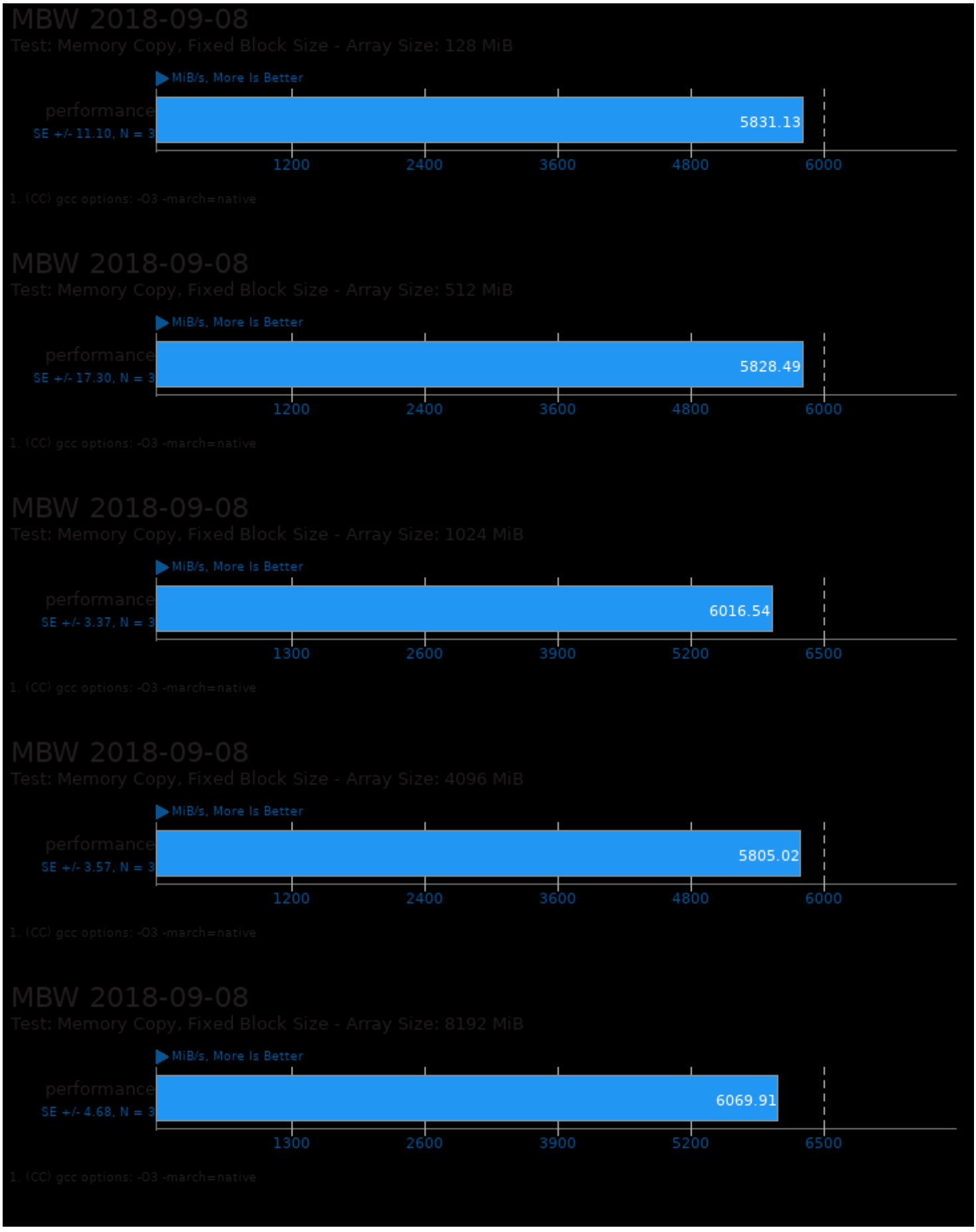
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	performance
MBW - Memory Copy - 128 MiB (MiB/s)	7691
Standard Deviation	1.5%
MBW - Memory Copy - 512 MiB (MiB/s)	8017
Standard Deviation	2%
MBW - Memory Copy - 1024 MiB (MiB/s)	8672
Standard Deviation	0.6%
MBW - Memory Copy - 4096 MiB (MiB/s)	8258
Standard Deviation	2.7%
MBW - Memory Copy - 8192 MiB (MiB/s)	9048
Standard Deviation	0.2%
MBW - M.C.F.B.S - 128 MiB (MiB/s)	5831
Standard Deviation	0.3%
MBW - M.C.F.B.S - 512 MiB (MiB/s)	5828
Standard Deviation	0.5%
MBW - M.C.F.B.S - 1024 MiB (MiB/s)	6017
Standard Deviation	0.1%
MBW - M.C.F.B.S - 4096 MiB (MiB/s)	5805
Standard Deviation	0.1%
MBW - M.C.F.B.S - 8192 MiB (MiB/s)	6070
Standard Deviation	0.1%

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MBW 2018-09-08
Test: Memory Copy - Array Size: 128 MiB
MiB/s, More Is Better
performance
SE +/- 67.06, N = 3
7691.33
1600
3200
4800
6400
8000
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy - Array Size: 512 MiB
MiB/s, More Is Better
performance
SE +/- 94.03, N = 3
8016.76
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy - Array Size: 1024 MiB
MiB/s, More Is Better
performance
SE +/- 30.68, N = 3
8672.44
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy - Array Size: 4096 MiB
MiB/s, More Is Better
performance
SE +/- 129.21, N = 3
8258.37
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy - Array Size: 8192 MiB
MiB/s, More Is Better
performance
SE +/- 12.24, N = 3
9047.55
2K
4K
6K
8K
10K
1. (CC) gcc options: -O3 -march=native

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MBW 2018-09-08
Test: Memory Copy, Fixed Block Size - Array Size: 128 MiB
MiB/s, More Is Better
performance
SE +/- 11.10, N = 3
5831.13
1200
2400
3600
4800
6000
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy, Fixed Block Size - Array Size: 512 MiB
MiB/s, More Is Better
performance
SE +/- 17.30, N = 3
5828.49
1200
2400
3600
4800
6000
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy, Fixed Block Size - Array Size: 1024 MiB
MiB/s, More Is Better
performance
SE +/- 3.37, N = 3
6016.54
1300
2600
3900
5200
6500
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy, Fixed Block Size - Array Size: 4096 MiB
MiB/s, More Is Better
performance
SE +/- 3.57, N = 3
5805.02
1200
2400
3600
4800
6000
1. (CC) gcc options: -O3 -march=native
MBW 2018-09-08
Test: Memory Copy, Fixed Block Size - Array Size: 8192 MiB
MiB/s, More Is Better
performance
SE +/- 4.68, N = 3
6069.91
1300
2600
3900
5200
6500
1. (CC) gcc options: -O3 -march=native

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 05:16.