



LZ4 macOS

Intel Core i7-8700B testing with a Apple Mac mini and Intel UHD 630 2GB on macOS 11.0.1 via the Phoronix Test Suite.

Automated Executive Summary

2 had the most wins, coming in first place for 66% of the tests.

Based on the geometric mean of all complete results, the fastest (2) was 1.007x the speed of the slowest (1). 3 was 0.997x the speed of 2 and 1 was 0.996x the speed of 3.

Test Systems:

1

2

3

Processor: Intel Core i7-8700B @ 3.20GHz (6 Cores / 12 Threads), Motherboard: Apple Mac mini, Memory: 2 x 4 GB DDR4-2667MHz, Disk: 234GB, Graphics: Intel UHD 630 2GB, Monitor: ASUS VP28U

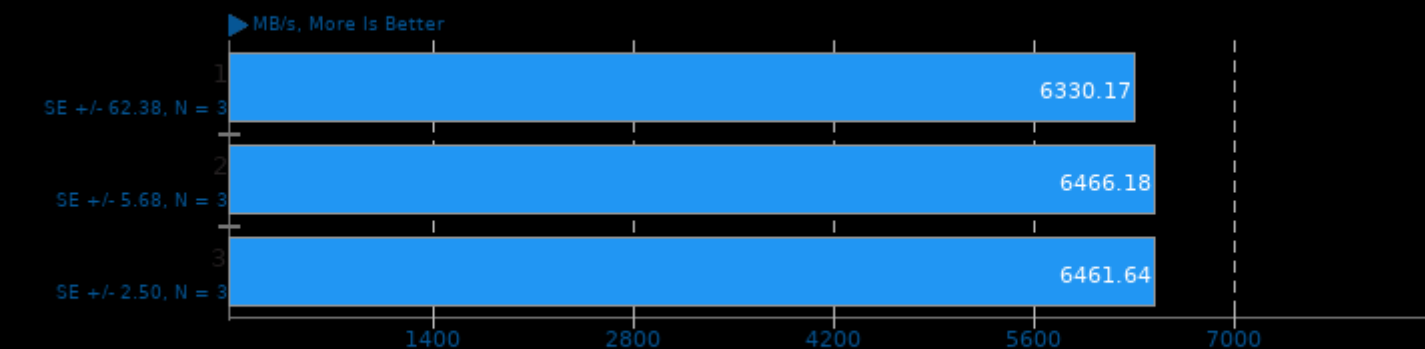
OS: macOS 11.0.1, Kernel: 20.1.0 (x86_64), OpenCL: OpenCL 1.2 (Oct 29 2020 19:50:08), Compiler: GCC 4.2.1 + Clang 11.0.0, File-System: APFS, Screen Resolution: 3840x2160

Environment Notes: XPC_FLAGS=0x0
Processor Notes: CPU Microcode: 214

	1	2	3
LZ4 Compression - 1 - Compression Speed (MB/s)	6330	6466	6462
Normalized	97.9%	100%	99.93%
Standard Deviation	1.7%	0.2%	0.1%
LZ4 Compression - 1 - D.S (MB/s)	7503	7599	7603
Normalized	98.69%	99.95%	100%
Standard Deviation	0.4%	0.7%	0.4%
LZ4 Compression - 3 - Compression Speed (MB/s)	49.99	50.69	50.46
Normalized	98.62%	100%	99.55%
Standard Deviation	2.8%	1%	1.3%
LZ4 Compression - 3 - D.S (MB/s)	7394	7401	7378
Normalized	99.9%	100%	99.68%
Standard Deviation	0.2%	0.4%	0%
LZ4 Compression - 9 - Compression Speed (MB/s)	47.44	46.99	46.67
Normalized	100%	99.05%	98.38%
Standard Deviation	0.7%	1%	0.6%
LZ4 Compression - 9 - D.S (MB/s)	7400	7422	7399
Normalized	99.69%	100%	99.69%
Standard Deviation	0.4%	0.1%	0.5%

LZ4 Compression 1.9.3

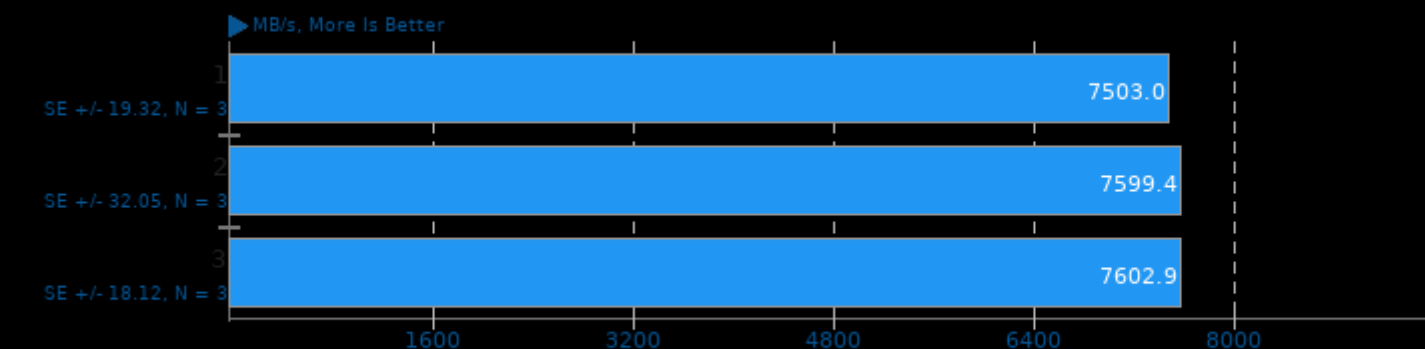
Compression Level: 1 - Compression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

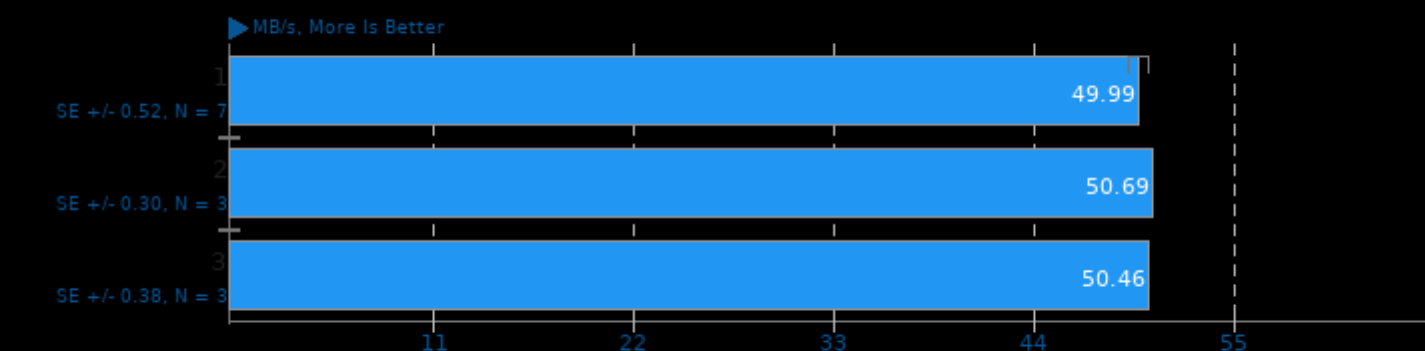
Compression Level: 1 - Decompression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

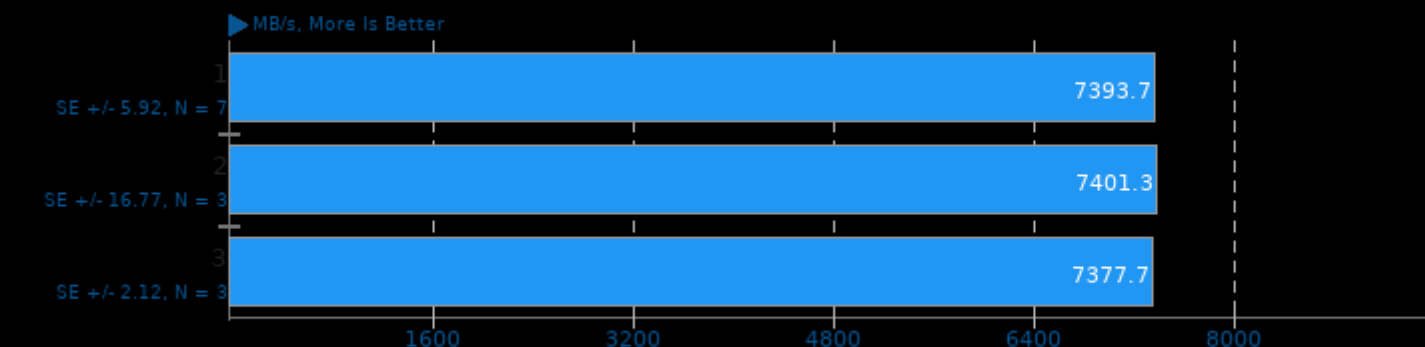
Compression Level: 3 - Compression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

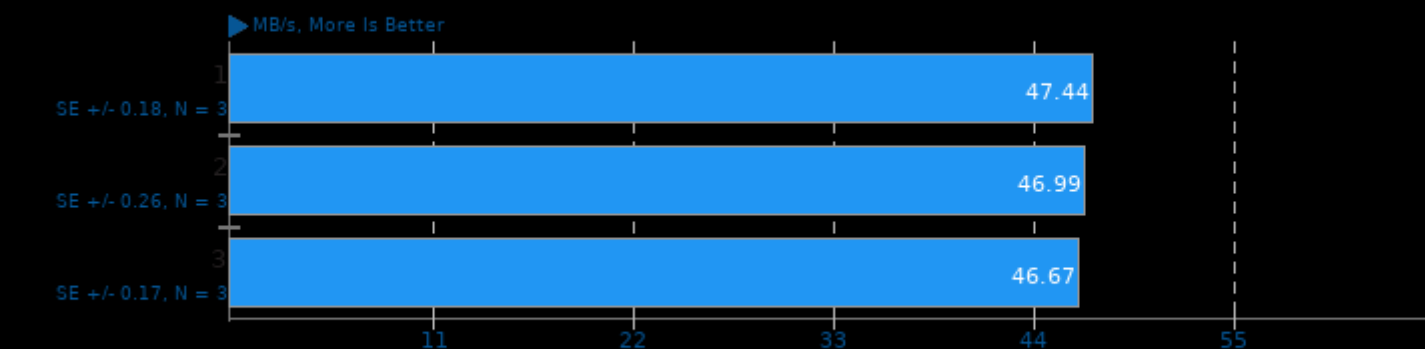
Compression Level: 3 - Decompression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

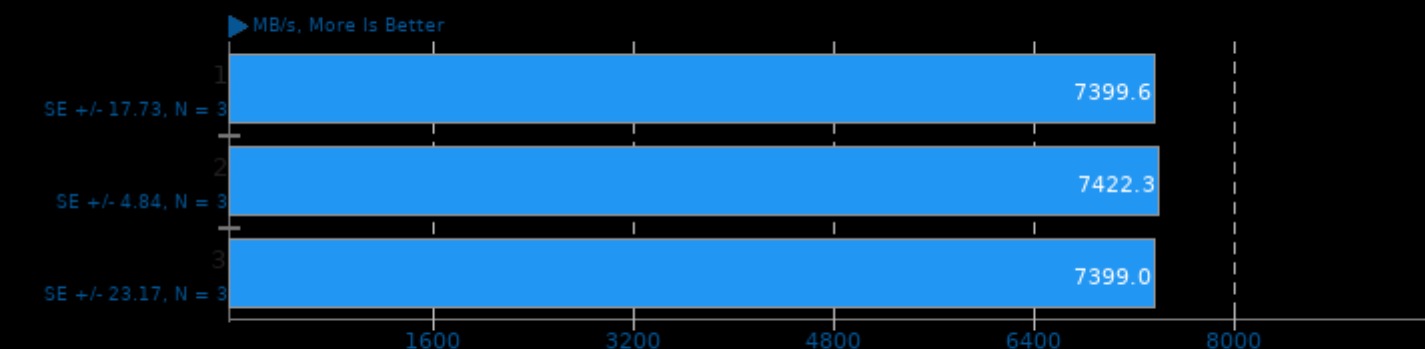
Compression Level: 9 - Compression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

Compression Level: 9 - Decompression Speed



1. (CC) gcc options: -O3

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 09:21.