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ramtest

Intel Core i7-2600 testing with a ASRock Z68 Extreme4 Gen3 and AMD Radeon HD 7970 3072MB on Ubuntu 12.04 via the Phoronix Test Suite.

Automated Executive Summary

4096 MB DDR3-1600MHz had the most wins, coming in first place for 50% of the tests.

Based on the geometric mean of all complete results, the fastest (4096 MB DDR3-1600MHz) was 1.01x the speed of the slowest (2013-01-24 15:32).

Test Systems:

2013-01-24 15:32

Processor: Intel Core i7-2600 @ 3.40GHz (8 Cores), Motherboard: ASRock Z68 Extreme4 Gen3, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 16384MB, Disk: 120GB Corsair Force 3 + 1000GB Western Digital WD10EARS-00M + 500GB Western Digital WD5000AADS-0 + 500GB Hitachi HTS72505, Graphics: AMD Radeon HD

7970 3072MB (1050/1500MHz), Audio: Realtek ALC892, Monitor: E2350, Network: Broadcom NetLink BCM57781 Gigabit PCIe

OS: Ubuntu 12.04, Kernel: 3.5.0-18-generic (x86_64), Desktop: Unity 5.18.0, Display Server: X Server 1.12.3, Display Driver: fglrx 9.1.11 Catalyst 12.9, OpenGL: 4.2.12002, Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 1920x1080

System Notes: Compiz was running on this system.

4096 MB DDR3-1600MHz

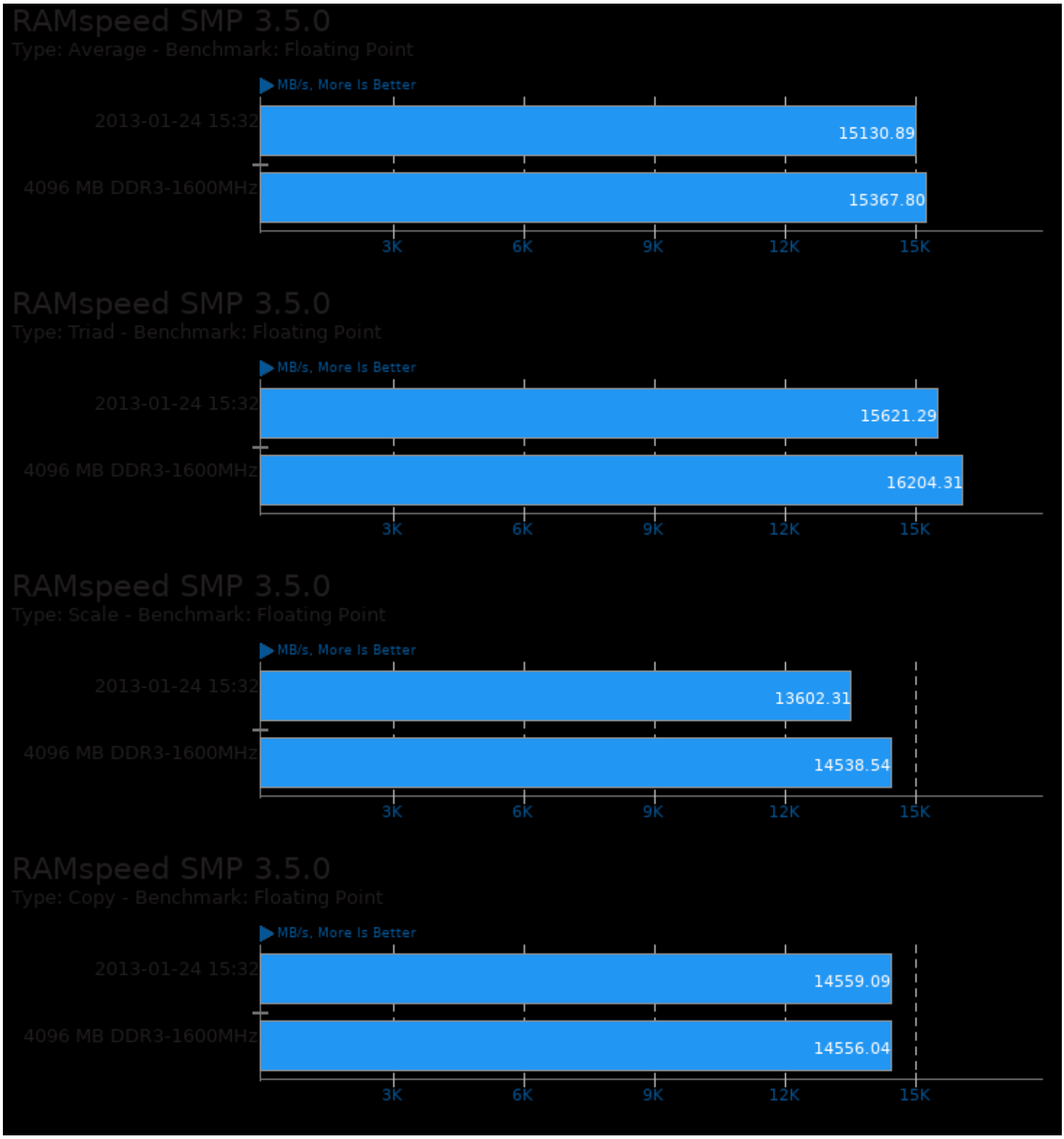
Processor: Intel Core i7-2600 @ 3.40GHz (8 Cores), Motherboard: ASRock Z68 Extreme4 Gen3, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 4 x 4096 MB DDR3-1600MHz, Disk: 120GB Corsair Force 3 + 1000GB Western Digital WD10EARS-00M + 500GB Western Digital WD5000AADS-0 + 500GB Hitachi HTS72505, Graphics: AMD Radeon HD 7900 3072MB (1050/1500MHz), Audio: Realtek ALC892, Monitor: E2350, Network: Broadcom NetLink BCM57781 Gigabit PCIe

OS: Ubuntu 12.04, Kernel: 3.5.0-18-generic (x86_64), Desktop: Unity 5.18.0, Display Server: X Server 1.12.3, Display Driver: fglrx 9.1.11 Catalyst 12.9, OpenGL: 4.2.12002, Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 1920x1080

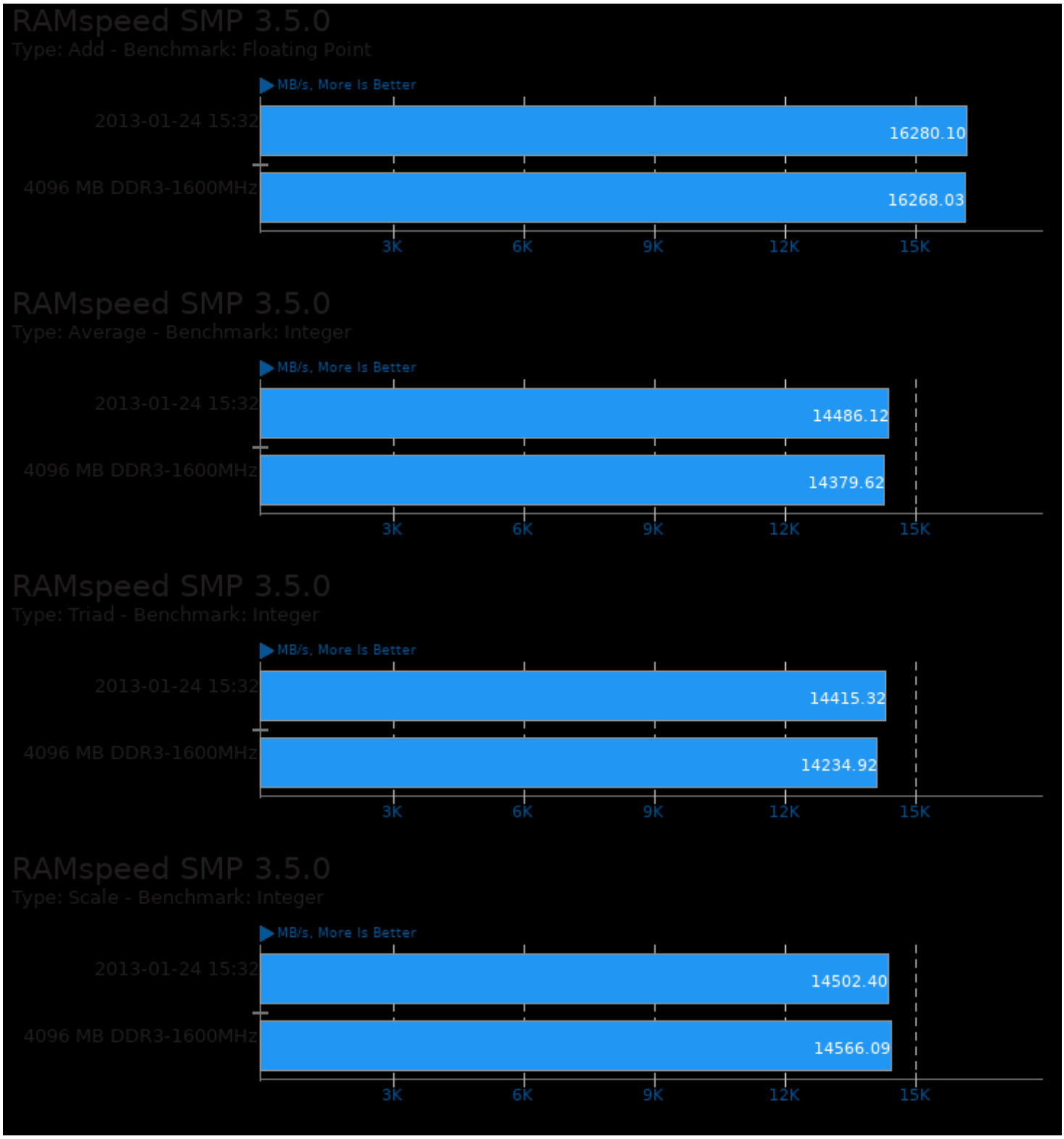
System Notes: Compiz and Firefox were running on this system.

	2013-01-24 15:32	4096 MB DDR3-1600MHz
RAMspeed SMP - Average - Floating Point (MB/s)	15131	15368
Normalized	98.46%	100%
RAMspeed SMP - Triad - Floating Point (MB/s)	15621	16204
Normalized	96.4%	100%
RAMspeed SMP - Scale - Floating Point (MB/s)	13602	14539
Normalized	93.56%	100%
RAMspeed SMP - Copy - Floating Point (MB/s)	14559	14556
Normalized	100%	99.98%
RAMspeed SMP - Add - Floating Point (MB/s)	16280	16268
Normalized	100%	99.93%
RAMspeed SMP - Average - Integer (MB/s)	14486	14380
Normalized	100%	99.26%
RAMspeed SMP - Triad - Integer (MB/s)	14415	14235
Normalized	100%	98.75%
RAMspeed SMP - Scale - Integer (MB/s)	14502	14566
Normalized	99.56%	100%
RAMspeed SMP - Copy - Integer (MB/s)	14622	14439
Normalized	100%	98.75%
RAMspeed SMP - Add - Integer (MB/s)	14260	14390
Normalized	99.09%	100%

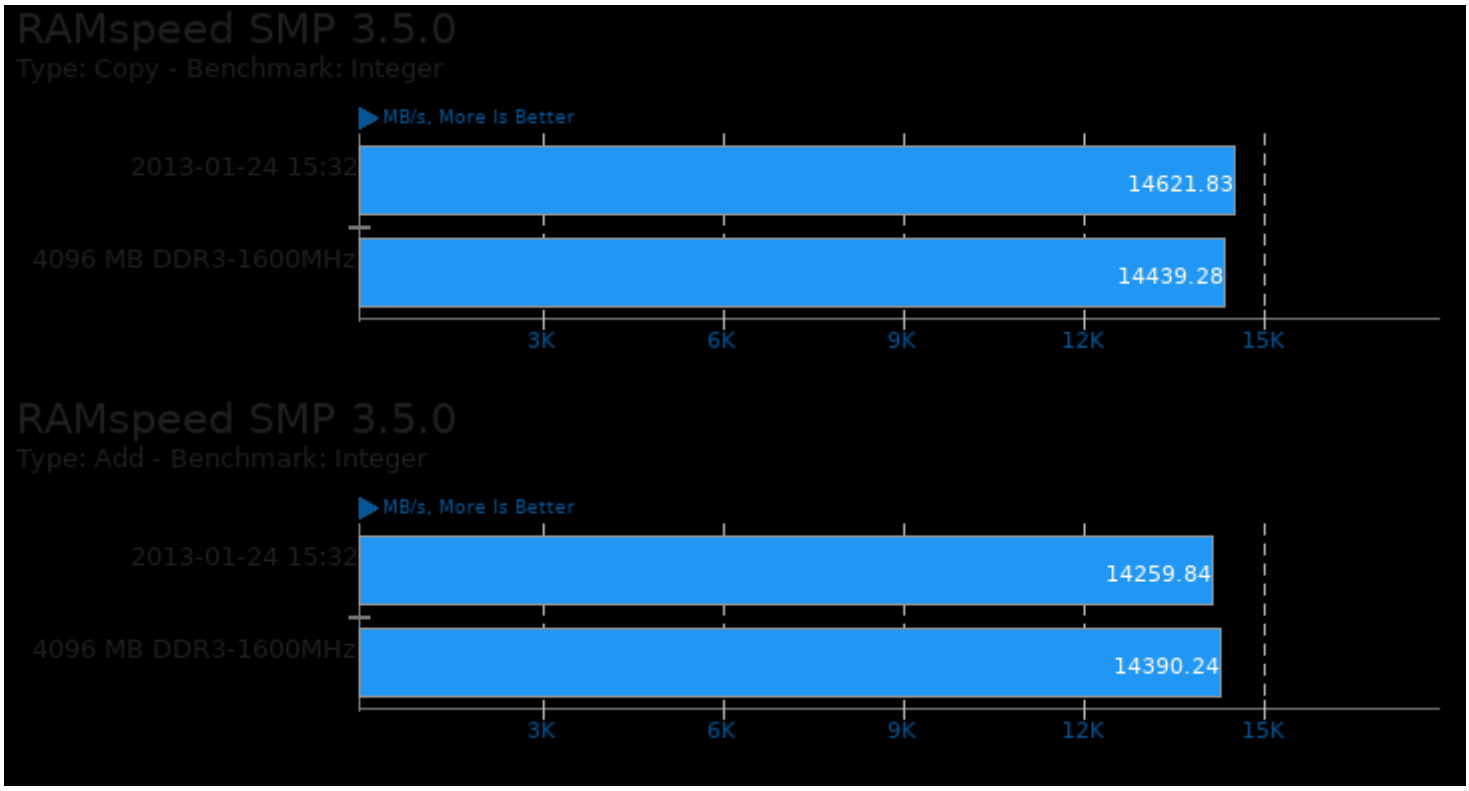
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RAMspeed SMP 3.5.0
Type: Average - Benchmark: Floating Point
MB/s, More Is Better
2013-01-24 15:32
4096 MB DDR3-1600MHz
15130.89
15367.80
3K
6K
9K
12K
15K
RAMspeed SMP 3.5.0
Type: Triad - Benchmark: Floating Point
MB/s, More Is Better
2013-01-24 15:32
4096 MB DDR3-1600MHz
15621.29
16204.31
3K
6K
9K
12K
15K
RAMspeed SMP 3.5.0
Type: Scale - Benchmark: Floating Point
MB/s, More Is Better
2013-01-24 15:32
4096 MB DDR3-1600MHz
13602.31
14538.54
3K
6K
9K
12K
15K
RAMspeed SMP 3.5.0
Type: Copy - Benchmark: Floating Point
MB/s, More Is Better
2013-01-24 15:32
4096 MB DDR3-1600MHz
14559.09
14556.04
3K
6K
9K
12K
15K

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RAMspeed SMP 3.5.0
Type: Add - Benchmark: Floating Point
MB/s, More Is Better
2013-01-24 15:32
16280.10
4096 MB DDR3-1600MHz
16268.03
3K
6K
9K
12K
15K
RAMspeed SMP 3.5.0
Type: Average - Benchmark: Integer
MB/s, More Is Better
2013-01-24 15:32
14486.12
4096 MB DDR3-1600MHz
14379.62
3K
6K
9K
12K
15K
RAMspeed SMP 3.5.0
Type: Triad - Benchmark: Integer
MB/s, More Is Better
2013-01-24 15:32
14415.32
4096 MB DDR3-1600MHz
14234.92
3K
6K
9K
12K
15K
RAMspeed SMP 3.5.0
Type: Scale - Benchmark: Integer
MB/s, More Is Better
2013-01-24 15:32
14502.40
4096 MB DDR3-1600MHz
14566.09
3K
6K
9K
12K
15K

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 09:35.