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ac100_1204_17012012_ext4_stock_big

ARMv7 rev 0 testing on Ubuntu 12.04 via the Phoronix Test Suite.

Automated Executive Summary

2012-01-17 14:12 had the most wins, coming in first place for 44% of the tests.

Based on the geometric mean of all complete results, the fastest (ac100 12.04 alpha 17.01. ext4) was 1.606x the speed of the slowest (2012-01-17 14:12). nilfs2ac100 was 0.785x the speed of ac100 12.04 alpha 17.01. ext4 and 2012-01-17 14:12 was 0.793x the speed of nilfs2ac100.

Test Systems:

2012-01-17 14:12

ac100 12.04 alpha 17.01. ext4

Processor: ARMv7 rev 0 @ 1.00GHz (2 Cores), Motherboard: Toshiba AC100 / Dynabook AZ, Memory: 435MB, Disk:

ac100_1204_17012012_ext4_stock_big

8GB SEM08G

OS: Ubuntu 12.04, Kernel: 3.0.8-4-ac100 (armv7l), Desktop: Unity 2D 5.0.0, Display Server: X Server 1.10.4, Compiler: GCC 4.6, File-System: ext2/ext3, Screen Resolution: 1024x600

nilfs2ac100

Processor: ARMv7 rev 0 @ 1.00GHz (2 Cores), Motherboard: Toshiba AC100 / Dynabook AZ, Memory: 498MB, Disk: 32GB MMC32G

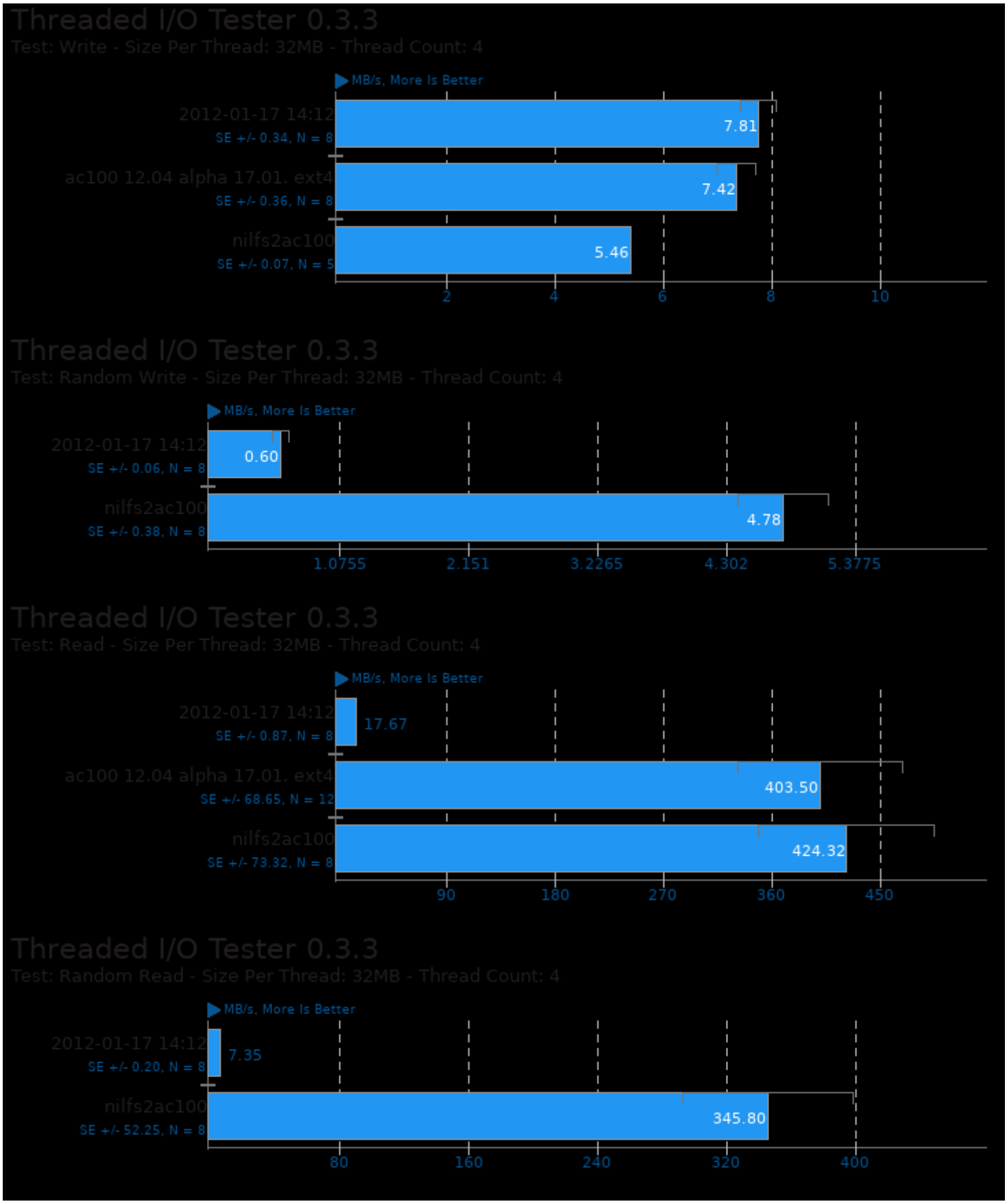
OS: Debian Linux Wheezy/sid, Kernel: 3.0.8 (armv7l), Display Server: X Server 1.11.3.901 (1.11.4 RC 1), Compiler: GCC 4.6, File-System: nilfs, Screen Resolution: 1024x600

	2012-01-17 14:12	ac100 12.04 alpha 17.01. ext4	nilfs2ac100
Threaded I/O Tester - Write - 32MB - 4 (MB/s)	**7.81**	7.42	**5.46**
Normalized	100%	95.01%	69.91%
Standard Deviation	12.3%	13.6%	3%
Threaded I/O Tester - Rand Write - 32MB - 4 (MB/s)	**0.60**		**4.78**
Normalized	12.55%		100%
Standard Deviation	30.4%		22.5%
Threaded I/O Tester - Read - 32MB - 4 (MB/s)	**17.67**	403.50	**424.32**
Normalized	4.16%	95.09%	100%
Standard Deviation	14%	58.9%	48.9%
Threaded I/O Tester - Rand Read - 32MB - 4 (MB/s)	**7.35**		**345.80**
Normalized	2.13%		100%
Standard Deviation	7.7%		42.7%
IOzone - 4Kb - 512MB - Write Performance (MB/s)	**8.95**	8.54	**5.02**
Normalized	100%	95.42%	56.09%
Standard Deviation	3.1%	3.3%	32%
IOzone - 4Kb - 512MB - Read Performance (MB/s)	**14.88**	12.71	**12.35**
Normalized	100%	85.42%	83%
Standard Deviation	1.2%	8.1%	12.9%
IOzone - 64Kb - 512MB - Write Performance (MB/s)	**9.45**	9.13	**5.28**
Normalized	100%	96.61%	55.87%
Standard Deviation	4.2%	2.6%	21.7%
IOzone - 64Kb - 512MB - Read Performance (MB/s)	14.41	**14.46**	**13.28**
Normalized	99.65%	100%	91.84%
Standard Deviation	2%	0.9%	1.7%

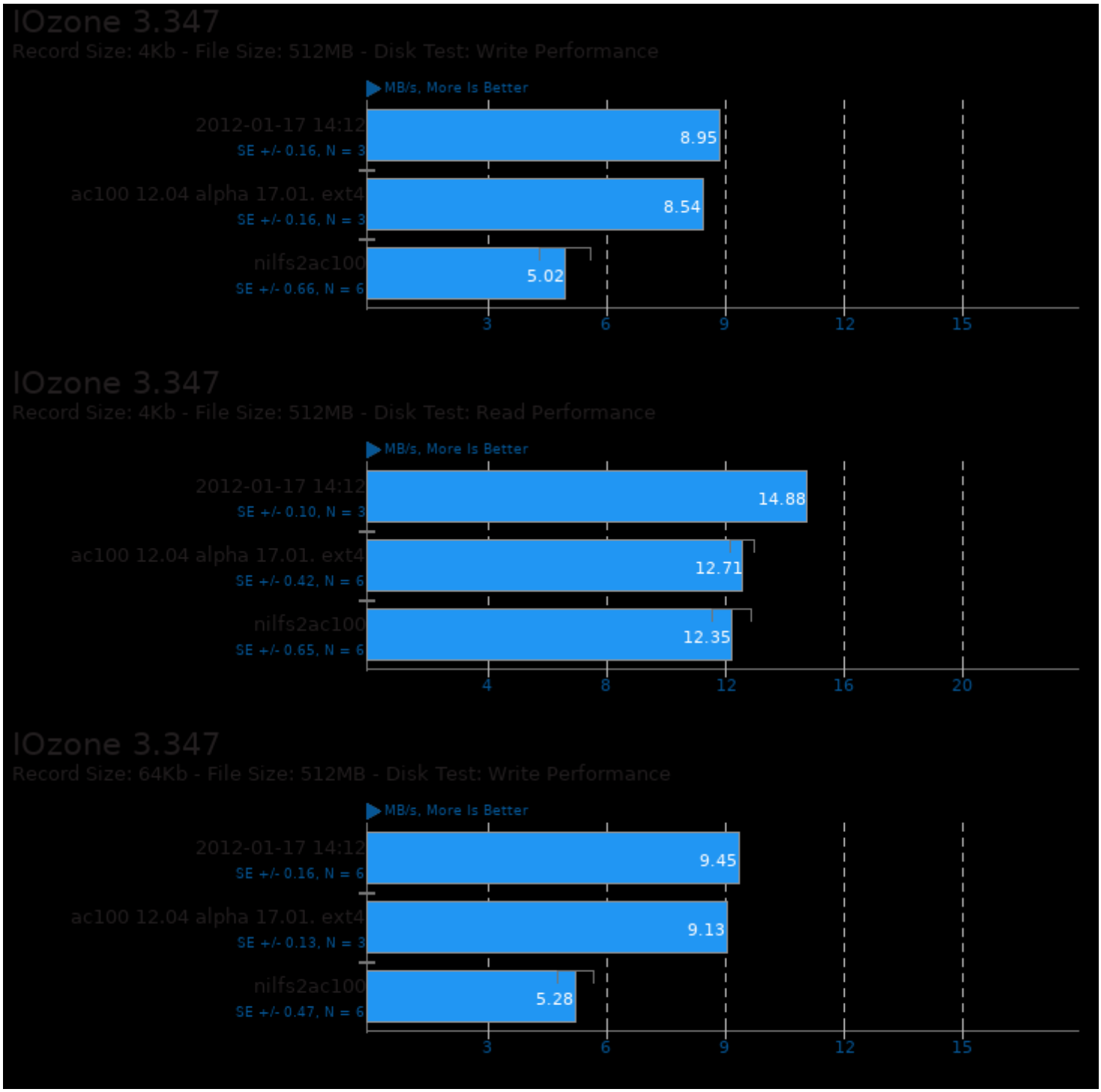
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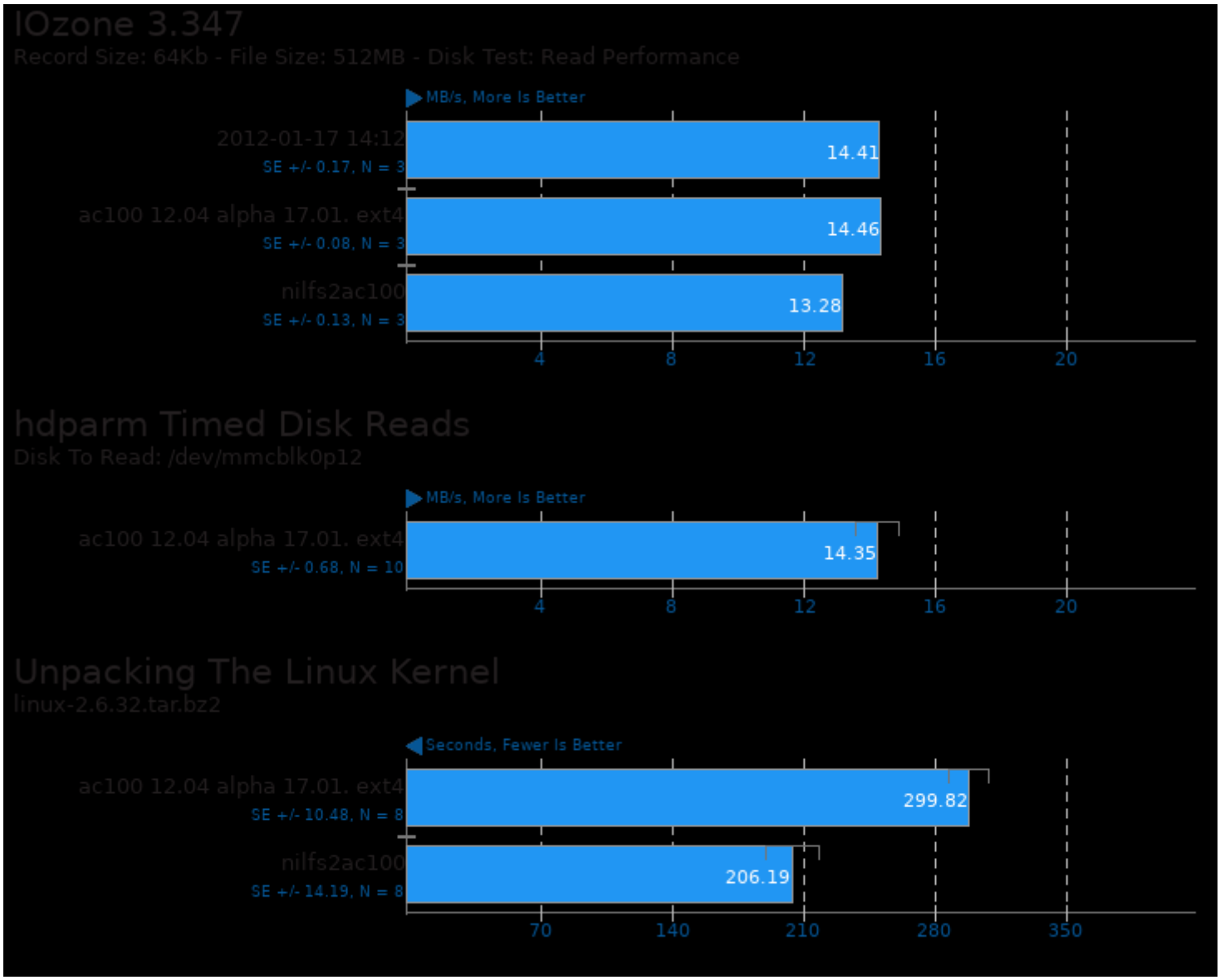
hdparm Timed Disk Reads - /dev/mmcblk0p12 (MB/s)	14.35	
Standard Deviation	15.1%	
Unpacking The Linux Kernel - linux-2.6.32.tar.bz2 (sec)	**299.82**	**206.19**
Normalized	68.77%	100%
Standard Deviation	9.9%	19.5%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 04:47.