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Intel Core i7 3960X Linux

First tests of the Intel Core i7 3960X Sandy Bridge Extreme Edition processor under Linux. Using an Ubuntu 12.04 LTS 64-bit snapshot with the Linux 3.2 kernel. More tests are on the way on Phoronix.com by Michael Larabel. Thanks to Intel Corp for sending out the Core i7 3960X, the Intel X79 motherboard, and the Intel water cooling kit for Sandy-E.

Test Systems:

Intel Core i7 3960X

Processor: Intel Core i7-3960X @ 3.30GHz (12 Cores), Motherboard: Intel DX79SI, Chipset: Intel Sandy DMI2, Memory: 16384MB, Disk: 240GB OCZ VERTEX3, Graphics: AMD Radeon HD 6900 2048MB (800/1250MHz), Audio: Realtek ALC892, Monitor: DELL P2210H, Network: Intel 82579LM Gigabit Connection

OS: Ubuntu 12.04, Kernel: 3.2.0-3-generic (x86_64), Desktop: Unity 4.24.0, Display Server: X Server 1.10.4, Display Driver: fglrx 8.91.4 Catalyst 11.11, OpenGL: 4.1.11251, Compiler: GCC 4.6, File-System: ext4, Screen Resolution: 1920x1080

System Notes: Compiz was running on this system.

AMD Phenom II X4 955 @ 3.60GHz

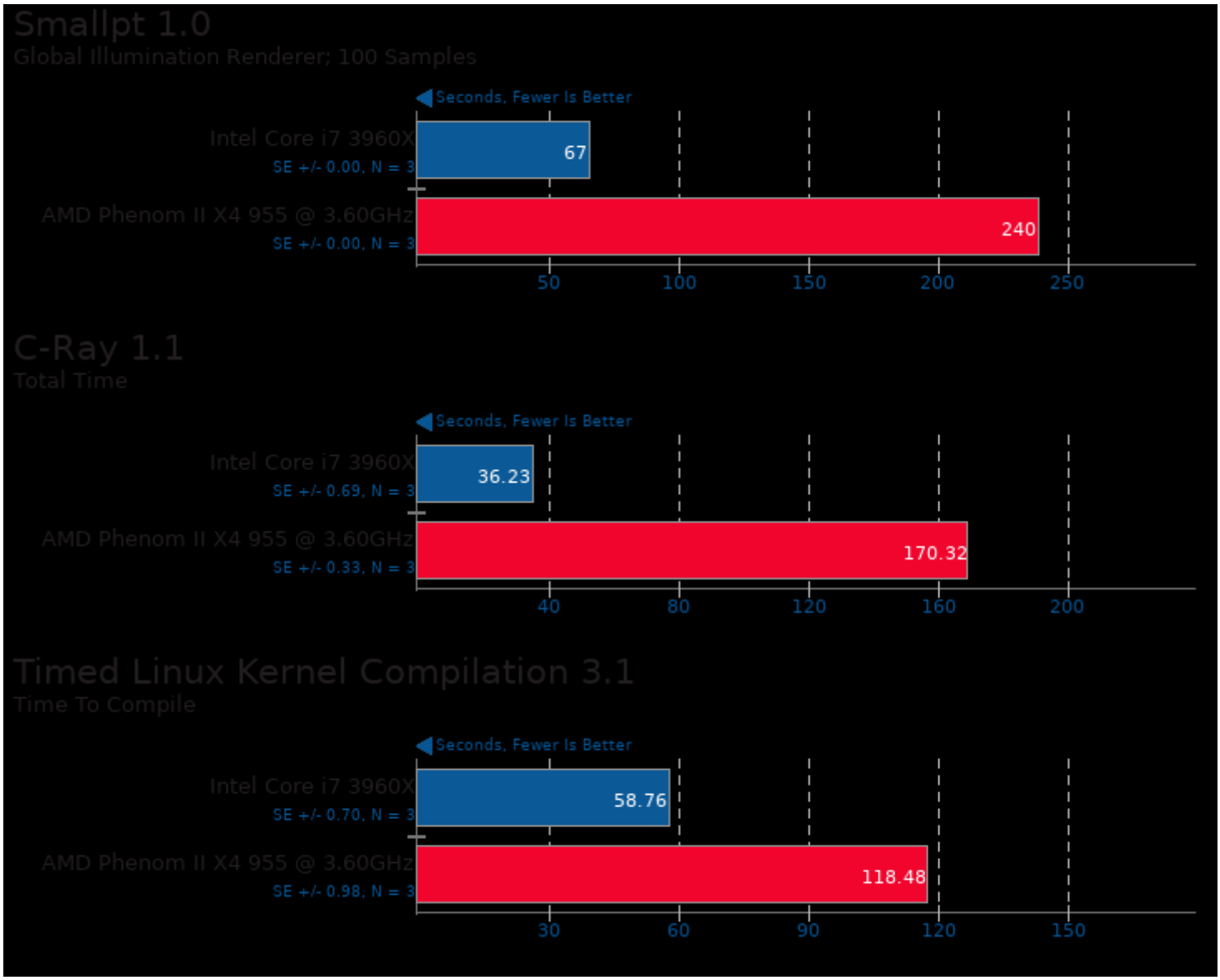
Processor: AMD Phenom II X4 955 @ 3.60GHz (4 Cores), Motherboard: Gigabyte GA-880GM-UD2H, Chipset: AMD RS780 + SB700/SB800, Memory: 6144MB, Disk: 500GB Seagate ST3500320AS, Graphics: AMD Radeon HD 4250, Audio: Realtek ALC892, Monitor: SyncMaster, Network: Realtek RTL8111/8168B

OS: Fedora 14, Kernel: 2.6.35.14-103.fc14.i686.PAE (i686), Desktop: KDE 4.6.5, Display Server: X Server 1.9.5, Display Driver: radeon 6.13.99, OpenGL: 2.1 Mesa 7.9, Compiler: GCC 4.6.0, File-System: ext2/ext3, Screen Resolution: 1280x1024

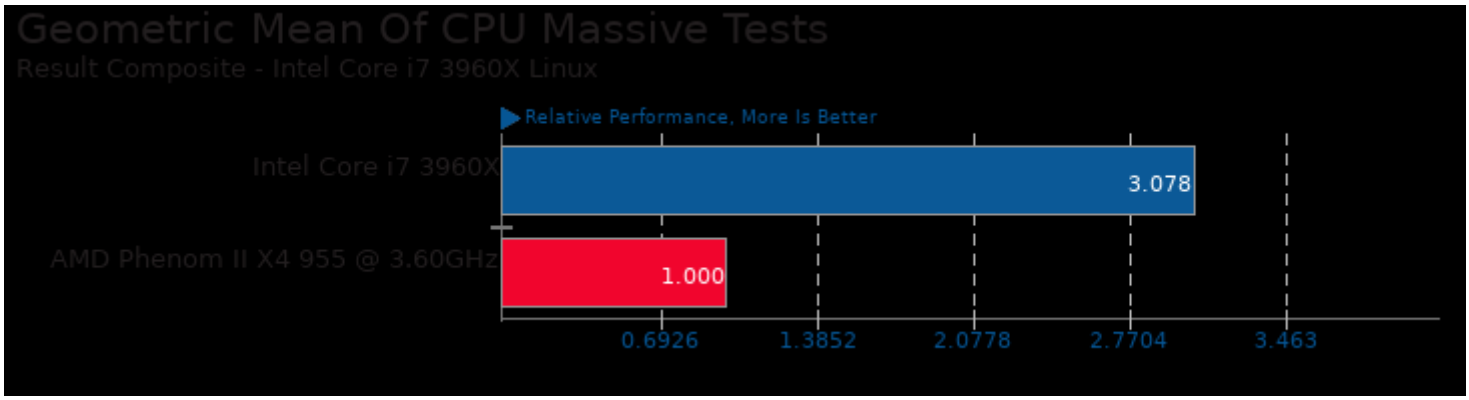
System Notes: Firefox was running on this system. AMD CnQ was enabled.

	Intel Core i7 3960X	AMD Phenom II X4 955 @ 3.60GHz
Smallpt - G.I.R.1.S (sec)	**67**	**240**
Normalized	100%	27.92%
Standard Deviation	0%	0%
C-Ray - Total Time (sec)	**36.23**	**170.32**
Normalized	100%	21.27%
Standard Deviation	3.3%	0.3%
Timed Linux Kernel Compilation - Time To Compile	**58.76**	**118.48**
Normalized	100%	49.59%
Standard Deviation	2.1%	1.4%

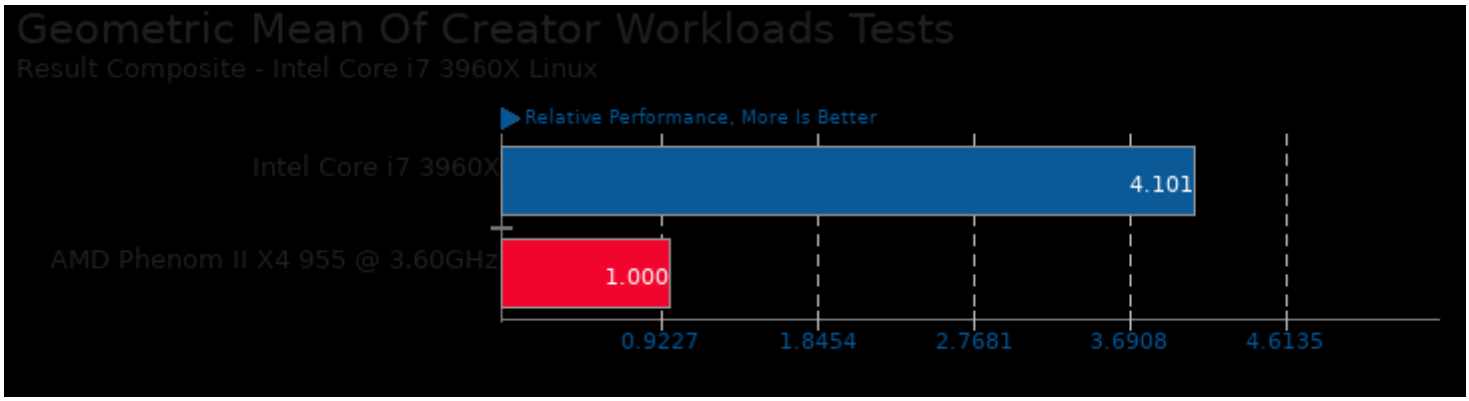
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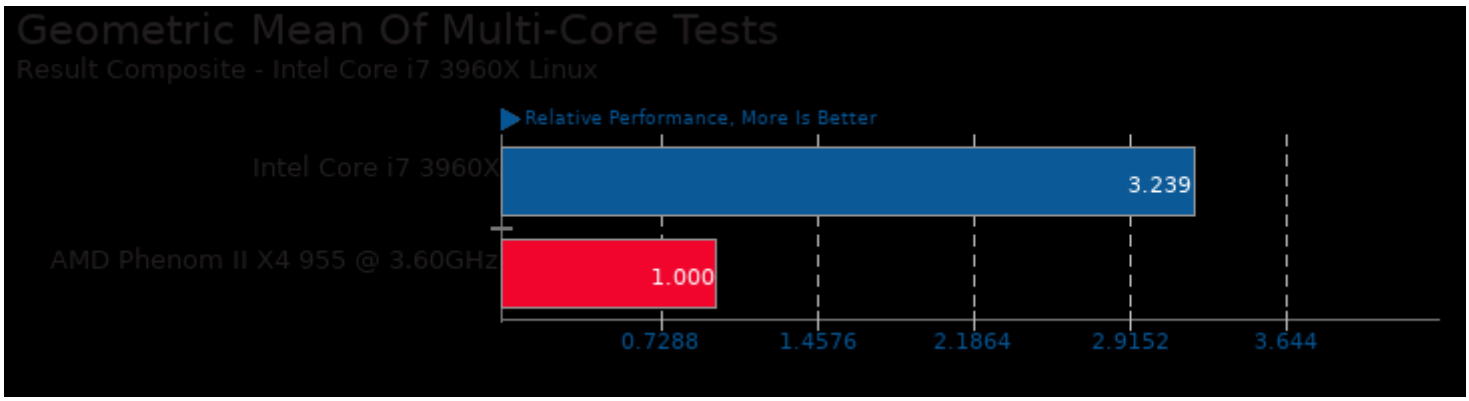
These geometric means are based upon test groupings / test suites for this result file.



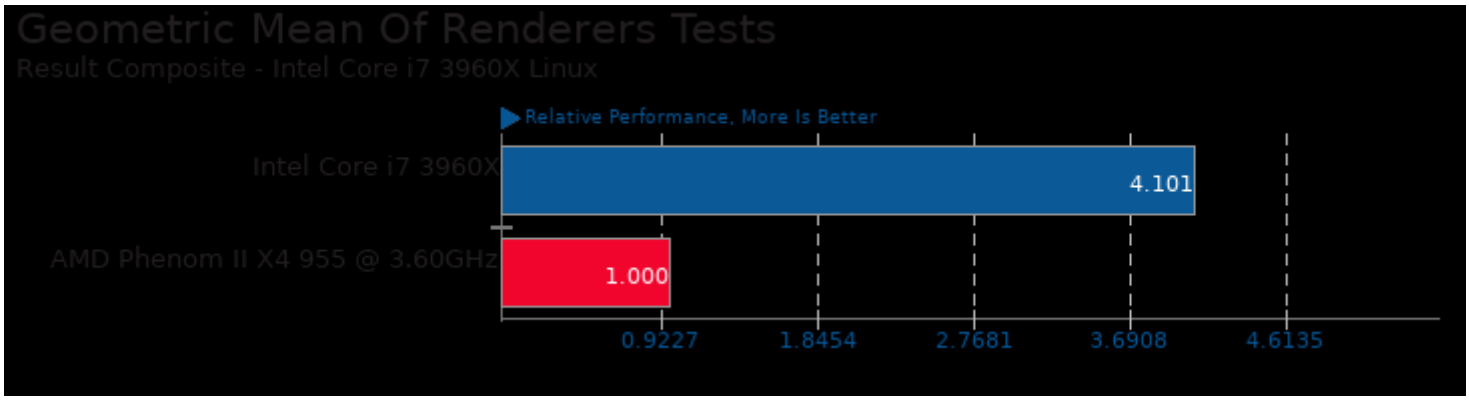
Geometric mean based upon tests: pts/build-linux-kernel and pts/c-ray



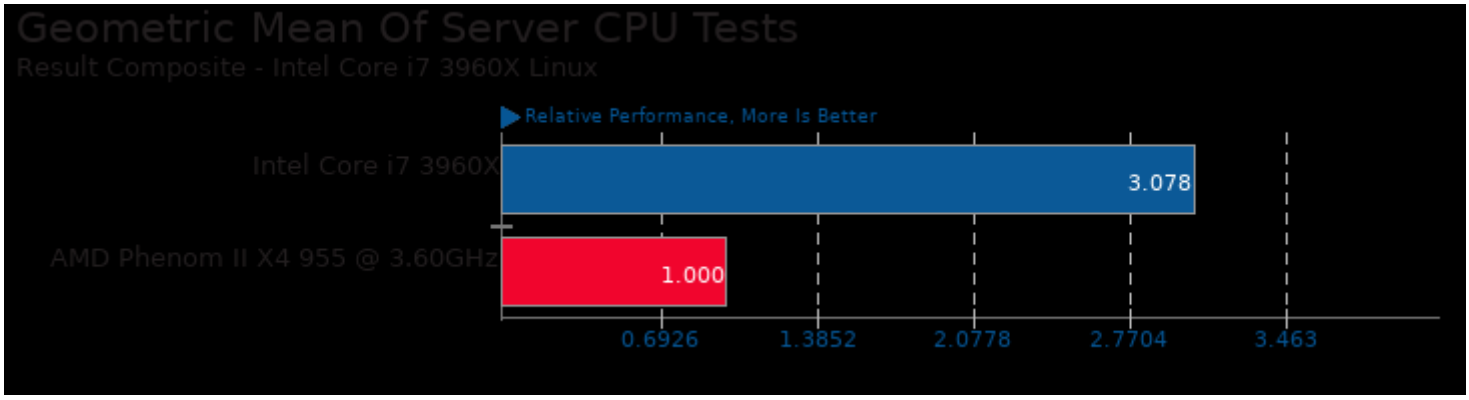
Geometric mean based upon tests: pts/c-ray and pts/smallpt



Geometric mean based upon tests: pts/c-ray, pts/smallpt and pts/build-linux-kernel



Geometric mean based upon tests: pts/c-ray and pts/smallpt



Geometric mean based upon tests: pts/build-linux-kernel and pts/c-ray

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 19:50.