

IBM posts SPEC CPU2006 scores for quad-core x3550

x3550 achieves competitive scores for a 2-socket Intel processor-based system

November 20, 2007 ... IBM® System x™ 3550 servers are a part of the System x rack-optimized server line. These 2-socket servers deliver Intel® Xeon® quad-core power and excellent server function. (1) This highly manageable, ultra-thin, 1 U high, rack-optimized server features ultimate application density for power-managed datacenters.

The x3550 server offers new levels of performance with Quad-Core Intel Xeon processors using a 1333 MHz FSB and lower power for datacenter environments and collaboration applications. This server is uniquely optimized for better application computing with a highly functional chipset and eight DIMM slots for a maximum of 32GB of fully buffered DDR2 PC2-5300 memory.

The x3550, using the Quad Core Intel Xeon Processor X5460 (3.16GHz, 12MB L2 cache, and 1333 MHz front-side bus—2 processor/8 cores/8 threads) and 16GB of DDR2 PC2-5300 FBD memory, demonstrated competitive performance for a 2-socket Intel system on the SPEC CPU2006 benchmark suite. The SPECint2006 score is leadership for a 2-socket Intel system. These results were achieved using SUSE Linux® Enterprise Server 10 x64. (1)

The scores in the following tables are the first SPEC CPU2006 results published for this processor model.

SPEC CPU2006 Benchmark	x3550 – Quad-Core Intel Xeon Processor X5460 (3.16GHz, 12MB L2 Cache, 1333 MHz FSB)
SPECint2006	27.7
SPECint_rate2006	137
SPECint_rate_base2006	113
SPECfp2006	23.8
SPECfp_rate2006	76.9
SPECfp_rate_base2006	69.6

Results are current as of November November 20, 2007. The scores have been submitted to SPEC for review and will be posted on their Web site upon successful completion of the review. View all published results at www.spec.org.

(1) Planned availability for the x3550 model using the Quad-Core Intel Xeon Processor X5460 (3.16GHz, 12MB L2 cache, and 1333 MHz front-side bus) is January 14, 2008.

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