

IBM posts SPEC CPU2006 scores for dual-core x3550

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

January 31, 2008 ... IBM® System x™ 3550 servers are a part of the System x rack-optimized server line. These 2-socket servers deliver Intel® Xeon® dual- and 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 and energy-efficiency with Quad-Core or Dual-Core Intel Xeon processors. 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 Dual-Core Intel Xeon Processor E5205 (1.86GHz, 6MB L2 cache, and 1066 MHz front-side bus—2 processors/4 cores/4 threads) and 16GB of DDR2 PC2-5300 FBD memory, demonstrated competitive performance for a 2-socket Intel system on the SPEC CPU2006 benchmark suite. 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 – Dual-Core Intel Xeon Processor E5205 (1.86GHz, 6MB L2 Cache, 1066 MHz FSB)
SPECint2006	16.7
SPECint_rate2006	52.1
SPECint_rate_base2006	44.5
SPECfp2006	15.6
SPECfp_rate2006	38.4
SPECfp_rate_base2006	34.9

Results are current as of January 31, 2008. 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 general availability for the x3550 model using the Dual-Core Intel Xeon Processor E5205 (1.86GHz, 6MB L2 cache, and 1066 MHz FSB) is March 14, 2008.

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