

IBM System x3550 delivers competitive performance on SPEC CPU2000

November 14, 2006 ... IBM® System x™ 3550 servers are a part of the System x rack-optimized server line. These two-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 new System x3550 server offers new levels of fast Intel Xeon quad-core processors with fastest 1333MHz 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 PC2-5200 memory.

The x3550 server has demonstrated competitive performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites. These results were achieved using Microsoft® Windows® Server 2003 (32-bit).

The scores in the following table are the first SPEC CPU2000 results published for the x3550 using the Quad-Core Intel Xeon Processor E5320 (1.86GHz, 8MB advanced transfer L2 cache, 1066MHz FSB) and for the Quad-Core Intel Xeon Processor X5355 (2.66GHz, 8MB advanced transfer L2 cache, 1333MHz FSB).

Benchmark	x3550 – Quad-Core Intel Xeon Processor E5320 (1.86GHz, 8MB L2 Cache, 1066MHz FSB)	x3550 – Quad-Core Intel Xeon Processor X5355 (2.66GHz, 8MB L2 Cache, 1333MHz FSB)
SPECint_base	1,932	2,703
SPECint_rate_base2000	147	198
SPECfp_base	1,801	2,449
SPECfp_rate_base2000	77.9	103

Results are current as of November 14, 2006. 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 E5320 (1.86GHz, 2 x 4MB L2 cache, 1066MHz FSB) is December 22, 2006. Models using the Quad-Core Intel Xeon Processor X5355 (2.66GHz, 8MB L2 cache, 1333MHz FSB) are planned to be available in January 2007.

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