

IBM System x3650 delivers competitive performance on SPEC CPU2000

November 14, 2006 ... IBM® System x™ 3650 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)

With a compact 2U footprint, the rack-optimized System x3650 server helps save valuable rack space and resources. It is packed with highly integrated, advanced server features designed for compute-intensive, Web-based, or enterprise network applications, where space is a primary consideration.

The x3650 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 x3650 using the Quad-Core Intel Xeon Processor E5320 (1.86GHz, 8MB advanced transfer L2 cache, 1066MHz FSB) and the Quad-Core Intel Xeon Processor X5355 (2.66GHz, 8MB advanced transfer L2 cache 1333MHz FSB).

Benchmark	x3650 – Quad-Core Intel Xeon Processor E5320 (1.86GHz, 8MB L2 Cache, 1066MHz FSB)	x3650 – Quad-Core Intel Xeon Processor X5355 (2.66GHz, 8MB L2 Cache, 1333MHz FSB)
SPECint_base	1,921	2,670
SPECint_rate_base2000	146	198
SPECfp_base	1,798	2,445
SPECfp_rate_base2000	77.8	101

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 x3650 model using the Quad-Core Intel Xeon Processor E5320 (1.86GHz, 2 x 4MB L2 cache, 1066MHz FSB) is December 22, 2005. 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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