

IBM posts SPEC CPU2006 scores for System x3650

x3650 achieves competitive scores for a 2-socket Intel processor-based system

September 9, 2008 ... IBM® System x™ 3650 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. With a compact 2U footprint, the rack-optimized 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, using two Quad-Core Intel Xeon Processor X5470 (3.33GHz, 12MB L2 cache, and 1333 MHz front-side bus—2 processors/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. These results were achieved using SUSE Linux® Enterprise Server 10 SP1 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3650 processor model.

SPEC CPU2006 Benchmark	x3650 – Quad-Core Intel Xeon Processor X5470 (3.33GHz, 12MB L2 Cache, 1333 MHz FSB)
SPECint2006	30.2
SPECint_rate2006	148
SPECint_rate_base2006	139
SPECfp2006	26.2
SPECfp_rate2006	81.7
SPECfp_rate_base2006	74.7

Results are current as of September 9, 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) The x3650 model using the Quad-Core Intel Xeon Processor X5470 (3.33GHz, 12MB L2 cache, and 1333 MHz FSB) is planned to be generally available November 7, 2008.

IBM and System x are trademarks or registered trademarks of International Business Machines Corporation.

Intel and Xeon are trademarks or registered trademarks of Intel Corporation.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

SPEC, SPECfp, and SPECint are registered trademarks of the Standard Performance Evaluation Corporation.

All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.