IBM posts leadership score for a single-socket server on SPECjbb2005 benchmark

x3200 M3 delivers top score for a single-socket server on SPECjbb2005

October 7, 2010 ... IBM® has published SPECjbb®2005 benchmark results for the IBM System x® 3200 M3 server, a single-socket system that incorporates the Quad-Core Intel® Xeon® X3480 processor. The x3200 M3 achieved the best results ever published for a single-socket x86-64 server.

The x3200 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 318,556 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 159,278 SPECjbb2005 bops/JVM, running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3200 M3 was configured with the Quad-Core Intel Xeon Processor X3480 (3.06GHz with 8MB L3 cache—1 chip/4 cores/4 cores per chip), 16GB of memory, one 250GB disk drive, and IBM J9 Java 6 (using an 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The x3200 M3 server is an affordable, single-processor tower server that has been optimized to provide outstanding availability, manageability, and performance features to small-to-medium-sized businesses, retail stores, or distributed enterprises.

Results referenced are current as of October 7, 2010. The SPECjbb2005 results have been submitted to SPEC® for review. Upon successful review, the result will be posted at http://www.spec.org. View current SPECjbb2005 results at http://www.spec.org/jbb2005/results.

(1) The x3200 M3 is planned to be generally available November 12, 2010.