

IBM posts SPECjbb2005 benchmark scores for x3690 X5 server

x3690 X5 delivers competitive two-processor performance for Java-based applications

April 6, 2011 ... IBM® today announced two-processor SPECjbb®2005 benchmark results for the IBM System x®3690 X5 server. The x3690 X5, using IBM J9 Java™6 Runtime Environment, achieved a score of 1,305,745 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 130,575 SPECjbb2005 bops/JVM (total of 10 JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3690 X5 was configured with the Intel® Xeon® Processor E7-2870 (2.40GHz with 30MB L3 cache per processor—2 chips/20 cores/10 cores per chip), 128GB of memory, one 73GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The x3690 X5 server is a new generation of the IBM Enterprise X-Architecture®, delivering innovative technology that can help clients maximize memory, minimize cost, and simplify deployment. The x3690 X5 is a 2-socket, 2U rack server that supports the latest 4-, 6-, 8- and 10-core Intel Xeon processors, PCI-e architecture, and high-speed DDR3 memory. Designed for extremely complex, compute-intensive applications requiring 2-socket plus processing power and large memory support, they are ideal for virtualized environments, database applications, and enterprise computing applications.

Results referenced are current as of April 6, 2011. The SPECjbb2005 results have been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org. View current SPECjbb2005 results at <http://www.spec.org/jbb2005/results>.

(1) The x3690 X5 model using the Intel Xeon E7-2870 processor is planned to be generally available May 20, 2011. The x3690 X5 as configured for this benchmark will be available May 20, 2011.

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