

IBM posts SPECjbb2005 benchmark scores for x3690 X5 server

x3690 X5 delivers leadership 2-socket x86 performance for Java-based applications

July 6, 2010 ... IBM® today announced leadership 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 1,015,260 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 126,908 SPECjbb2005 bops/JVM (total of 16 JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications. This is the highest SPECjbb2005 score ever achieved by a 2-socket x86 server.

The x3690 X5 was configured with the Intel® Xeon® Processor X7560 (2.26GHz with 24MB L3 cache per processor—2 chips/16 cores/8 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. This new addition to the System x product line is a 2-socket, 2U rack server that supports the latest 4-, 6- and 8-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 July 6, 2010. 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 X7560 processor is planned to be generally available August 23, 2010. The x3690 X5 as configured for this benchmark will be available August 23, 2010.

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