

IBM posts SPECjbb2005 benchmark scores for x3650 M3 server

x3650 M3 delivers outstanding performance for Java-based applications

March 23, 2010 ... IBM® has published SPECjbb®2005 benchmark results for the IBM System x® 3650 M3 server. The x3650 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 915,103 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 152,517 SPECjbb2005 bops/JVM (total of six JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3650 M3 was configured with the Intel® Xeon® Processor X5680 (3.33GHz with 256KB L2 cache per core and 12MB L3 cache per processor—2 chips/12 cores/6 cores per chip), 24GB of memory, one 50GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The IBM System x3650 M3 servers are 2-socket, 2U rack systems that feature power-optimized, high performance with the latest Intel Xeon 5500 and 5600 Series multi-core processor technology with QuickPath Interconnect (QPI), a large capacity of high-performing DDR3 memory, and a leadership, energy-efficient design with integrated advanced functionality. The x3650 M3 is designed to deliver leadership virtualization and systems management for business-critical workloads.

Results referenced are current as of March 23, 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 x3650 M3 model using the Intel Xeon X5680 processor is planned to be generally available March 31, 2010. The x3650 M3 as configured for this benchmark will be available June 16, 2010.

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