

IBM posts SPECjbb2005 benchmark scores for x3630 M3 server

x3630 M3 delivers competitive performance for Java-based applications

February 15, 2011 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM System x® 3630 M3 server. The x3630 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 894,919 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 149,153 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 x3630 M3 was configured with the Intel® Xeon® Processor X5675 (3.06GHz with 256KB L2 cache per core and 12MB L3 cache per processor—2 chips/12 cores/6 cores per chip), 48GB of memory, one 146GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The IBM System x3630 M3 server models offer new levels of performance with fast Intel Xeon multi-core processors with up to 6.4 GT/s and lower power for datacenter environments and collaboration applications. This server is uniquely optimized for better application computing with a highly functional chipset and 12 DIMM slots for a maximum of 192GB of ECC DDR3 SDRAM. The IBM System x3630 M3 is a 2U, dual-socket rack server designed for single or multiple general-business application hosting and virtualized non-blade environments.

Results referenced are current as of February 15, 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 x3630 M3 model using the Intel Xeon Processor X5675 is planned to be generally available March 15, 2011. The x3630 M3 as configured for this benchmark will be available March 15, 2011.

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