

IBM posts SPECjbb2005 benchmark scores for x3620 M3 server

x3620 M3 delivers competitive performance for Java-based applications

February 15, 2011 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM System x® 3620 M3 server. The x3620 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 896,550 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 149,425 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 x3620 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 500GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The IBM System x3620 M3 servers deliver Intel Xeon multi-core power and excellent server functionality in a 2-socket, ultra-thin, rack-optimized, 2U footprint. These server models offer new levels of processor performance up to 6.4 GT/s and lower power for datacenter environments and collaboration applications. These servers are uniquely optimized for better application computing with a highly functional chipset and 12 DIMM slots for a maximum of 192GB of DDR3 SDRAM Registered DIMM memory. The x3620 M3 is suitable for mid-market and SMB rack clients looking to optimize their IT budgets, and is 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 x3620 M3 model using the Intel Xeon Processor X5675 is planned to be generally available March 15, 2011. The x3620 M3 as configured for this benchmark will be available March 15, 2011.

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