IBM posts SPECjbb2005 benchmark scores for x3500 M3 server

x3500 M3 delivers competitive performance for Java-based applications

March 23, 2010 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM System x® 3500 M3 server. The x3500 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 916,251 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 152,709 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 x3500 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 73GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The System x3500 M3 servers provide a compact 5U, two-way, SMP-capable Intel Xeon processor-based platform designed with integrated high-availability features for mainstream network server applications. These servers are highly scalable in configuration, performance, and availability. They contain additional fault tolerance through PCI-Express, and support for PCI-X. They also feature enhanced systems-management control. These flexible tower models deliver the best blend of power, manageability, expandability, and serviceability. They meet the requirements of server applications in the small-to-mainstream businesses that need an affordable general-purpose network server.

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 x3500 M3 using the Intel Xeon Processor X5680 is planned to be generally available March 31, 2010. The x3500 M3 as configured for this benchmark will be available June 16, 2010.

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