

IBM posts leadership score for a 2-socket x86-64 rack server on SPECjbb2005 benchmark

x3650 M2 delivers top score for a 2-socket x86-64 rack server on SPECjbb2005

March 30, 2009 ... IBM® has published SPECjbb2005® benchmark results for the IBM System x® 3650 M2 server, a 2-socket system that incorporates the latest Quad-Core Intel® Xeon® 5500 series processor technology. The x3650 achieved the best results ever published for a 2-socket x86-64 rack server.

The x3650 M2, using IBM J9 Java™6 Runtime Environment, achieved a score of 598,924 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 149,731 SPECjbb2005 bops/JVM, running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3650 M2 was configured with the Quad-Core Intel® Xeon® Processor X5570 (2.93GHz with 256KB L2 cache per core and 8MB L3 cache per processor—2 chips/8 cores/4 cores per chip), 12GB of memory, one 32GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 Enterprise x64 Edition. (1)

The new x3650 M2 is a 2-socket, 2U rack server built with innovative IBM X-Architecture® that leverages Intel Quick Path Interconnect (QPI) and Turbo Boost technology. Featuring power-optimized, high-performance with the latest Intel Xeon 5500 Series quad-core processor technology and a leadership, energy-efficient design with integrated advanced functionality, the x3650 M2 is designed for single or multiple commercial-applications hosting and virtualized, non-blade environments.

Results referenced are current as of March 30, 2009. 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 M2 with the Quad-Core Intel Xeon Processor X5570 is planned to be generally available April 30, 2009.

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