IBM posts SPECjbb2005 score for iDataPlex using latest Intel Xeon 5500 series processor

IBM® System x® iDataPlex™ dx360 M2 delivers competitive SPECjbb®2005 score for an x86-64 server using two processors

March 30, 2009 ... IBM has published SPECjbb2005 benchmark results for the IBM System x iDataPlex dx360 M2 server, which incorporates the latest Quad-Core Intel® Xeon® 5500 series processor technology. The dx360 M2 achieved a competitive score for an x86-64 server using two processors.

The dx360 M2, using IBM J9 Java™6 Runtime Environment, achieved a score of 599,152 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 149,788 SPECjbb2005 bops/JVM, running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark for evaluating the performance of servers running typical Java applications.

The dx360 M2's score is second only to the leadership score of 604,417 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 151,104 SPECjbb2005 bops/JVM achieved by the IBM BladeCenter® HS22 server.

The dx360 M2 was configured with the Quad-Core Intel Xeon Processor X5570 at 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 31GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 Datacenter x64 Edition. (1)

IBM System x iDataPlex is an innovative data center solution for Web 2.0, High Performance Computing (HPC) clusters, and corporate batch-processing clients who want to reduce power, cooling, or physical space. It represents a new approach for useable density through innovation at the node level, at the rack level, and at the data center level.

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 dx360 M2 with the Quad-Core Intel Xeon Processor X5570 is planned to be generally available April 17, 2009.

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