IBM posts highest SPECjbb2005 score ever achieved by an x86-64 blade server

HX5 delivers leadership x86-64 performance for a single blade running Java-based applications

August 3, 2010 ... IBM® today announced SPECjbb®2005 benchmark results for the IBM BladeCenter® HX5 server. The HX5, using IBM J9 Java™6 Runtime Environment, achieved a score of 1,977,925 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 123,620 SPECjbb2005 bops/JVM, running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The HX5 was configured with the Intel Xeon Processor X7560 (2.26GHz with 24MB L3 cache per processor—4chips/32 cores/8 cores per chip), 256GB of memory, one 50GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The IBM BladeCenter HX5 leverages eX5, the fifth generation of IBM Enterprise X-Architecture®, and combines exceptional processing power, memory capacity, and I/O bandwidth in a blade form factor. The scalable HX5 blade server provides maximum utilization, performance, and reliability for compute- and memory-intensive workloads such as database, virtualization, business intelligence, modeling and simulation, and other enterprise applications. The HX5 is a single-wide (30 mm), scalable, high-performance blade server that can accommodate two Intel Xeon 7500 or 6500 series processors and 16 DDR3 VLP DIMMs per single-wide node. The HX5 is scalable to 4-sockets and 32 DIMMs in double-wide form factor.

Results referenced are current as of August 3, 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 HX5 model using the Intel Xeon X7560 processor is planned to be generally available October 29, 2010. The HX5 as configured for this benchmark will be available October 29, 2010.