

IBM posts leadership 2-processor blade score on SPECjbb2005 benchmark

May 28, 2008 ... IBM® BladeCenter® HS21 XM, using IBM Java™6 Runtime Environment, achieved a leadership 2-socket blade result of 310,028 SPECjbb2005® business operations per second (SPECjbb2005 bops) and 77,507 SPECjbb2005 bops/JVM, running SPECjbb2005 (Java Business Benchmark), SPEC's benchmark for evaluating the performance of servers running typical Java applications.

The HS21 XM was configured with the Quad-Core Intel® Xeon® Processor E5450 at 3.00GHz with 12MB L2 cache (2 chips/8 cores/4 cores per chip), 16GB of memory, IBM Java 6, and Microsoft® Windows® Server 2003 R2 Enterprise x64 Edition SP1. (1)

The HS21 XM's score demonstrates the highest performance achieved to date by a 2-processor blade server, surpassing the score of 302,089 SPECjbb2005 bops of the Dell PowerEdge M600, which ran BEA JRockit® 6.0, and used the Quad-Core Intel Xeon Processor X5460 at 3.16GHz. (2)

BladeCenter HS21 XM blade servers, coupled with the BladeCenter chassis, deliver advanced application serving with performance, power efficiency, and scalability ideal for enterprise environments.

Results referenced are current as of May 28, 2008. The SPECjbb2005 results have been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org, which contains a complete list of published SPECjbb2005 results.

(1) The HS21 XM model using the Quad-Core Intel Xeon Processor E5450 is generally available.

(2) Dell PowerEdge M600: 302,089 SPECjbb2005 bops and 75,522 SPECjbb2005 bops/JVM, using two Quad-Core Intel Xeon Processors X5460 at 3.16GHz with 12MB L2 cache, and 1333MHz FSB (2 chips/8 cores/4 cores per chip), 16GB of memory, one 80GB disk drive, and BEA JRockit 6.0 P27.4.0. The comparison is based on Dell's best SPECjbb2005 score for a 2-processor blade server published at SPEC as of May 28, 2008. View all published results at www.spec.org/jbb2005/results/jbb2005.html

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