

IBM posts SPECjbb2005 benchmark scores for IBM NeXtScale nx360 M4 server

IBM NeXtScale nx360 M4 delivers solid performance for Java-based applications

September 10, 2013 ... IBM® has published SPECjbb®2005 benchmark results for the IBM NeXtScale nx360 M4 server. SPECjbb2005 is a Java Business Benchmark and is the SPEC® benchmark used for evaluating the performance of servers running typical Java applications

The nx360 M4, using IBM J9 Java™7 Runtime Environment, achieved the following scores:

- 2,043,358 SPECjbb2005 business operations per second (SPECjbb2005 bops)
- 170,280 SPECjbb2005 bops/JVM (total of 12 JVMs)

The nx360 M4 was configured with the Intel® Xeon® Processor E5-2697 v2 (2.7 GHz with 30 MB L3 cache per processor—2 chips/24 cores/12 cores per chip), 64 GB of memory, and IBM J9 Java 7 (using a 1875 MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise Edition Service Pack 1. (1)

IBM® NeXtScale System™ is a new offering from IBM. This new dense offering is based on our experience with IBM iDataPlex® and IBM BladeCenter® along with a tight focus on emerging and future client requirements. The IBM NeXtScale n1200 enclosure and IBM NeXtScale nx360 M4 server are designed to optimize density and performance within typical data center infrastructure limits. The 6U NeXtScale n1200 enclosure fits in a standard 19-inch rack and up to twelve nx360 M4 servers can be installed into the enclosure. With more computing power per watt and the latest Intel Xeon processors, you can reduce costs while maintaining speed and availability.

Results referenced are current as of September 10, 2013. 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 nx360 M4 models with the Intel Xeon Processor E5-2697 v2 is planned to be generally available October 28, 2013. The nx360 M4 as configured for this benchmark will be available October 28, 2013.

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