

IBM posts SPECjbb2005 benchmark scores for IBM Flex System x440 Compute Node

IBM Flex System x440 Compute Node delivers competitive 4-processor performance for Java-based applications

August 7, 2012 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM Flex System x440 Compute Node. The x440, using IBM J9 Java™7 Runtime Environment, achieved a score of 2,802,106 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 175,132 SPECjbb2005 bops/JVM (total of eight JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The IBM Flex System x440 Compute Node was configured with the Intel® Xeon® Processor E5-4650 (2.7GHz with 20MB L3 cache per processor—4 chips/32 cores/8 cores per chip), 256GB of memory, one 300GB disk drive, and IBM J9 Java 7 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise Edition SP1. (1)

The IBM Flex System™ x440 Compute Node is an Intel-processor based server optimized for high-end virtualization, mainstream database deployments, and memory-intensive high performance environments. It is part of IBM PureFlex System, a new category of computing that integrates a choice of IBM compute architectures (POWER or System x), networking, storage and system management capability into a single system that is easy to deploy and manage. IBM PureFlex System has full "built-in" virtualization support of compute, storage, and networking to speed provisioning and increase resiliency. In addition, it supports open industry standards, such as operating systems, networking and storage fabrics, virtualization, and system management protocols, to easily fit within existing and future data center environments. IBM PureFlex System is scalable and extendable with multi-generation upgrades to protect and maximize IT investments.

Results referenced are current as of August 7, 2012. The SPECjbb2005 results have been submitted to SPEC for review. Upon successful review, the result will be posted at <http://www.spec.org>. View current SPECjbb2005 results at <http://www.spec.org/jbb2005/results>.

(1) The IBM Flex System x440 Compute Node model using the Intel Xeon Processor E5-4650 is planned to be generally available August 24, 2012. The IBM Flex System x440 Compute node as configured for this benchmark will be available August 24, 2012.

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