

IBM posts SPECjbb2005 benchmark scores for x220 server

IBM Flex System x220 delivers competitive 2-processor performance for Java-based applications

May 14, 2012 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM Flex System x220 server. The x220, using IBM J9 Java™7 Runtime Environment, achieved a score of 1,373,686 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 171,711 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 x220 was configured with the Intel® Xeon® Processor E5-2470 (2.3GHz with 20MB L3 cache per processor—2 chips/16 cores/8 cores per chip), 96GB of memory, one 250GB disk drive, and IBM J9 Java 7 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise Edition SP1. (1)

The Flex System x220 is a cost-optimized entry-level Compute Node, designed for energy-efficient, ideal for native and point application workloads. It is part of IBM Flex System, a new category of computing that integrates multiple server architectures, networking, storage and system management capability into a single system that is easy to deploy and manage. IBM Flex System has full "built-in" virtualization support of servers, 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 Flex System is scalable and extendable with multi-generation upgrades to protect and maximize IT investments.

Results referenced are current as of May 14, 2012. 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 x220 model using the Intel Xeon Processor E5-2470 is planned to be generally available June 14, 2012. The x220 as configured for this benchmark will be available June 14, 2012.

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