

IBM posts SPECjbb2005 benchmark scores for IBM Flex System x240

IBM Flex System x240 delivers competitive 2-processor performance for Java-based applications

April 11, 2012 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM Flex System x240 server. The x240, using IBM J9 Java™7 Runtime Environment, achieved a score of 1,580,327 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 197,541 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 x240 was configured with the Intel® Xeon® Processor E5-2690 (2.9GHz with 20MB L3 cache per processor—2 chips/16 cores/8 cores per chip), 128GB 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 x240 Compute Node offers outstanding performance for virtualization with new levels of processor performance and memory capacity, and flexible configuration options. 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 April 11, 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 x240 model using the Intel Xeon Processor E5-2690 is planned to be generally available April 27, 2012. The x240 as configured for this benchmark will be available April 27, 2012.

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