

IBM posts leadership score for 2-socket x86-64 server on the SPECjbb2005 benchmark

December 2, 2008 ... IBM® BladeCenter® LS42, using IBM J9 Java™6 Runtime Environment, achieved a leadership result for a 2-socket x86-64 server. The LS42 scored 382,339 SPECjbb2005® business operations per second (SPECjbb2005 bops) and 191,170 SPECjbb2005 bops/JVM, running SPECjbb2005 (Java Business Benchmark), SPEC's benchmark for evaluating the performance of servers running typical Java applications.

The LS42 was configured with the AMD Opteron™ Model 8384 quad-core processor at 2.7GHz with 2MB L2 cache and 6MB L3 cache (2 chips/8 cores/4 cores per chip), 32GB of memory, one 36.4GB disk drive, IBM J9 Java 6 JRE (using a 1875MB heap), and Microsoft® Windows® Server 2008 Enterprise x64 Edition.

The LS42 holds the leadership 4-processor score of 721,843 SPECjbb2005® business operations per second. (1) This 2-processor score demonstrates scalability from 2 to 4 processors of 88 percent.

BladeCenter LS42 blade servers, coupled with the BladeCenter chassis, deliver advanced application serving with performance, power efficiency, and scalability, making them ideal for enterprise environments and growing businesses.

Results referenced are current as of December 2, 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 LS42 achieved 721,843 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 180,461 SPECjbb2005 bops/JVM and was configured with the AMD Opteron Model 8384 quad-core processor at 2.7GHz with 2MB L2 cache and 6MB L3 cache (4 chips/16 cores/4 cores per chip), 64GB of memory, one 36.4GB disk drive, IBM J9 Java 6 JRE (using a 1875MB heap), and Microsoft Windows Server 2008 Enterprise x64 Edition.

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