IBM posts scores for x3755 M3 server on SPECjbb2005 benchmark

x3755 M3 delivers leadership scores for an x86 server using four AMD Opteron Model 6282 SE 16-core processors

November 15, 2011 ... IBM® has published SPECjbb®2005 benchmark results for the IBM System x® 3755 M3 server, a four-socket system that incorporates the latest AMD Opteron™ 16-core processor technology. The x3755 M3 has delivered a four-processor score that is leadership for a server using the AMD Opteron Model 6282 SE processor.

The x3755 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 2,461,117 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 153,820 SPECjbb2005 bops/JVM (total of 16 JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark for evaluating the performance of servers running typical Java applications..

The x3755 M3 was configured with four 16-core AMD Opteron processor Model 6282 SE (2.6GHz with 16MB each of L3 cache—4 chips/64 cores/16 cores per chip), 256GB of memory, one 250GB disk drive, and ran IBM J9 Java 6 Runtime Environment (using a 1875MB heap) and Microsoft® Windows® Server 2008 R2 Enterprise SP1 x64 Edition . (1)

The IBM System x3755 M3 server delivers the performance and capacity that growing workloads demand. Featuring up to four, 16-core Opteron 6200 series processors in a dense 2U rack-optimized platform, this server delivers outstanding value for mid-sized applications.

Results referenced are current as of November 15, 2011. The SPECjbb2005 results have been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org. Current SPECjbb2005 results can be found at http://www.spec.org/jbb2005/results.

(1) Planned availability for the IBM System x3755 M3 using the AMD Opteron 16-core processor Model 6282 SE is December 15, 2011.