

IBM posts SPECjbb2005 benchmark scores for x3750 M4 server

IBM System x3750 M4 delivers leadership 4-processor performance for Java-based applications

July 9, 2012 ... IBM® today announces SPECjbb® 2005 benchmark results for the IBM System x3750 M4 server. The x3750 M4, using IBM J9 Java™7 Runtime Environment, achieved a score of 2,818,988 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 176,187 SPECjbb2005 bops/JVM (total of sixteen JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3750 M4 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 System x3750 M4 is four-socket server featuring a streamlined design, optimized for price/performance, with advanced flexibility and expandability. The x3750 M4 provides maximum storage density, flexible PCIe and 10GbE networking options in a 2U form factor. The x3750 M4 is targeted at high performance computing (HPC) and medium-sized database customers looking for a cost-conscious solution which provides the best price / performance. The x3750 M4 also delivers "pay-as-you-grow" capability to clients who are outgrowing their dual processor systems, who need faster local database I/O and workloads capable of delivering business insights within seconds rather than hours. The x3750 M4 provides 2+2 socket design, flexible 5+3 PCIe expansion, up to 16 HDD or 32 eXFlash SSD drives and integrated 10GbE networking with options for fiber or copper.

Results referenced are current as of July 9, 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 x3750 M4 model using the Intel Xeon Processor E5-4650 is planned to be generally available July 12, 2012. The x3750 M4 as configured for this benchmark will be available July 12, 2012.

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