

IBM posts SPECjbb2013 benchmark scores for IBM System x3650 M4 BD server

IBM System x3650 M4 BD delivers 2-processor performance for Java-based applications

January 16, 2014 ... IBM® today announces SPECjbb®2013 benchmark results for the IBM System x® 3650 M4 BD server. SPECjbb2013 (Java Business Benchmark) is the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3650 M4 BD, using IBM J9 Java™7 Runtime Environment, achieved the following score:

- 59,124 SPECjbb2013 max-jOPS

The x3650 M4 BD was configured with the Intel® Xeon® Processor E5-2695 v2 (2.4 GHz with 30 MB L3 cache per processor—2 chips/24 cores/12 cores per chip), 256 GB of memory, one 500 GB disk drive, and IBM J9 Java 7 (using a 29GB heap), and SUSE Linux® Enterprise Server 11 Service Pack 3. (1)

Purpose-built with the capacity, performance, and efficiency needed for Big Data workloads, the IBM® System x3650 M4 BD 2U two socket rack server is designed to rapidly analyze enormous volumes of data. This System x® server supports Big Data applications from IBM and independent software vendors (ISVs). Powered by the latest generation of IBM X-Architecture® technology, the x3650 M4 BD offers Intel Xeon E5-2600 v2 processors for outstanding performance for Big Data and analytics and industry-leading storage (up to 56 TB) with up to fourteen 3.5 inch drives.

Results referenced are current as of January 16, 2014. The SPECjbb2013 results have been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org. View current SPECjbb2013 results at <http://www.spec.org/jbb2013/results/jbb2013multijvm.html>.

(1) The x3650 M4 BD model using the Intel Xeon Processor E5-2695 v2 is planned to be generally available February 12, 2014. The x3650 M4 BD as configured for this benchmark will be available February 12, 2014.

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