

IBM posts SPEC CPU2006 scores for IBM System x3650 M4 BD

IBM System x3650 M4 BD delivers processor performance for compute-intensive applications

January 16, 2014 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x® 3650 M4 BD server using the 12-core Intel® Xeon® Processor E5-2695 v2.

The x3650 M4 BD delivered competitive scores using two Intel Xeon E5-2695 v2 processors (2.4 GHz, 30 MB L3 cache per processor—2 processors/24 cores/48 threads), 256 GB of DDR3 PC3-14900R memory, and Red Hat Enterprise Linux® Server Release 6.4 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3650 M4 BD processor model.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2695 v2 – 2.4GHz (12-Core)
SPECint®2006	55.1
SPECint_base2006	51.1
SPECint_rate2006	915
SPECint_rate_base2006	885
SPECfp®2006	97.6
SPECfp_base2006	93.1
SPECfp_rate2006	676
SPECfp_rate_base2006	657

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 are current as of January 16, 2014. The scores have been submitted to SPEC for review and will be posted on their Web site upon successful completion of the review. View all published results at <http://www.spec.org/cpu2006/results/>.

(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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