

IBM posts SPEC CPU2006 scores for IBM System x3650 M4

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

September 10, 2013 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x3650 M4 server using the 12-core Intel® Xeon® Processor E5-2697 v2.

The x3650 M4 delivered competitive scores using two Intel Xeon E5-2697 v2 processors (2.7 GHz, 30 MB L3 cache per processor—2 processors/24 cores, 12 cores per chip /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 processor model.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2697 v2 – 2.7GHz (12 cores)
SPECint_rate2006	963
SPECint_rate_base2006	932
SPECfp_rate2006	696
SPECfp_rate_base2006	677

The IBM System x3650 M4 is a flagship, two-socket, 2U rack server, designed for maximum performance and uptime for business-critical applications and cloud deployments. The x3650 M4 features an energy-smart design with powerful high-performance Intel Xeon processors up to 12 cores each, a large capacity of high-performing memory, innovative storage and connectivity options, and superior management features. Up to any IT challenge, the versatile x3650 M4 blends the ultimate in performance, uptime, and I/O flexibility with rock-solid reliability.

Results are current as of September 10, 2013. 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 model using the Intel Xeon Processor E5-2697 v2 is planned to be generally available November 29, 2013. The x3650 M4 as configured for this benchmark will be available December 9, 2013.

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