

IBM posts SPEC CPU2006 scores for x3650 M4

x3650 M4 delivers outstanding processor performance for compute-intensive applications

March 6, 2012 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x® 3650 M4 server using the 8-core Intel® Xeon® Processor E5-2690.

The x3650 M4 delivered competitive scores using two Intel Xeon E5-2690 processors (2.9GHz, 20MB L3 cache per processor—2 processors/16 cores/32 threads), 128GB of DDR3 PC3-12800R memory, and Red Hat Enterprise Linux® Server Release 6.1 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 E5-2690 – 2.9GHz (8-Core)
SPECint®2006	59.4
SPECint_base2006	55.1
SPECint_rate2006	695
SPECint_rate_base2006	669
SPECfp®2006	93.5
SPECfp_base2006	88.5
SPECfp_rate2006	507
SPECfp_rate_base2006	492

The IBM System x3650 M4 is the IBM flagship, two-socket, 2U rack server optimized for performance and uptime for business-critical applications and cloud deployments. The flexible x3650 M4 features the following:

- Intel Xeon processors with up to 8 cores and up to 768GB of memory capacity for virtualization and other memory-intensive solutions.
- Optional slotless 10GbE NIC with IBM Virtual Fabric that delivers high performance for bandwidth-heavy workloads.
- Available with the IBM exclusive high-performance solid state drive technology.

Results are current as of March 6, 2012. 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 E5-2690 is planned to be generally available March 16, 2012. The x3650 M4 as configured for this benchmark will be available March 16, 2012.

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