

IBM posts SPEC CPU2006 scores for x3500 M4

x3500 M4 achieves outstanding processor performance for compute-intensive applications

March 6, 2012 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x® 3500 M4 server using the 8-core Intel® Xeon® Processor E5-2690.

The x3500 M4 delivered competitive scores with two Intel Xeon E5-2690 processors (2.9GHz, 20MB L3 cache per processor—2 processors/16 cores/32 threads), 64GB 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 x3500 M4 processor model.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2690 – 2.9GHz (8-Core)
SPECint®2006	59.6
SPECint_base2006	55.4
SPECint_rate2006	694
SPECint_rate_base2006	668
SPECfp®2006	92.1
SPECfp_base2006	87.2
SPECfp_rate2006	502
SPECfp_rate_base2006	490

The IBM System x3500 M4 is an all-in-one business solution in a flexible, high-performance, dual-socket tower server designed to meet the needs of growing business and distributed environments. The x3500 M4 servers are highly scalable in configuration, performance, and availability and feature 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 10GbE with IBM Virtual Fabric that delivers high performance for bandwidth-heavy workloads.
- Flexible, pay-as-you-grow design for reduced cost.

Results are current as of March 16, 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 x3500 M4 model using the Intel Xeon Processor E5-2690 is planned to be generally available March 16, 2012. The x3500 M4 as configured for this benchmark will be available March 16, 2012.

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