# IBM posts SPEC CPU2006 scores for System x iDataPlex dx360 M4

*The dx360 M4 demonstrates excellent performance for compute-intensive applications*

February 5, 2013 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x® iDataPlex® dx360 M4 server, using the eight-core Intel® Xeon® Processor E5-2690.

The dx360 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 6.3 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this dx360 M4 processor model.

| SPEC CPU2006 Benchmark | Intel Xeon Processor E5-2690 – 2.9GHz (8-Core) |
| --- | --- |
| SPECint®2006 | 59.5 |
| SPECint_base2006 | 55.2 |
| SPECint_rate2006 | 697 |
| SPECint_rate_base2006 | 669 |
| SPECfp®2006 | 94.8 |
| SPECfp_base2006 | 89.5 |
| SPECfp_rate2006 | 507 |
| SPECfp_rate_base2006 | 492 |

The IBM System x iDataPlex is a half-depth server that delivers high performance, along with exceptional energy-efficiency and price/performance that lower total cost of ownership. IBM System x iDataPlex is the next-generation computing solution for clients who find limitations in their scale-out computing environments. IBM delivers customized solutions that help reduce overall data center costs and address the business-growth challenges in the massive scale-out marketplace. iDataPlex incorporates innovative server designs that integrate Intel processor-based technology at the node, rack, and data center levels, with an overall goal of efficiency.

Results are current as of February 5, 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 dx360 M4 models with the Intel Xeon Processor E5-2690 are planned to be generally available February 18, 2013. The dx360 M4 as configured for this benchmark will be available February 18, 2013.

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