

IBM posts SPEC CPU2006 scores for System x iDataPlex dx360 M4

dx360 M4 demonstrates excellent performance for compute-intensive applications

March 6, 2012 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x® iDataPlex® dx360 M4 server using the 8-core Intel® Xeon® Processor E5-2680.

The dx360 M4 delivered competitive scores using two Intel Xeon E5-2680 processors (2.7GHz, 20MB L3 cache per processor—2 processors/16 cores/32 threads), 64GB of DDR3 PC3-12800R memory, and Red Hat Enterprise Linux® Server Release 6.2 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 E5-2680 – 2.7GHz (8-Core)
SPECint®2006	55.3
SPECint_base2006	51.3
SPECint_rate2006	660
SPECint_rate_base2006	637
SPECfp®2006	88.2
SPECfp_base2006	83.4
SPECfp_rate2006	488
SPECfp_rate_base2006	474

The IBM System x iDataPlex is a half-depth server that delivers high performance with exceptional energy-efficiency and price/performance that lowers 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 efficiency in mind.

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 dx360 M4 models with the Intel Xeon Processor E5-2680 is planned to be generally available April 16, 2012. The dx360 M4 as configured for this benchmark will be available April 16, 2012.

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