

IBM posts SPEC CPU2006 scores for System x iDataPlex

IBM System x™ iDataPlex™ achieves competitive scores for a system using two Intel processors

April 23, 2008 ... IBM® System x has introduced a new approach to solving data center challenges through its latest innovation, iDataPlex—a flexible and power-efficient design that enables massive scale-out deployments with affordable and customized value.

IBM System x iDataPlex is an innovative data center solution for Web 2.0, HPC cluster, and corporate batch processing clients experiencing limitations of power, cooling, or physical space. iDataPlex uses innovative ways to integrate Intel-based processing at the node, rack, and data center levels to maximize power and cooling efficiencies while providing the compute density needed.

The iDataPlex system, configured with two Quad-Core Intel® Xeon® E5440 processors (2.83GHz, 12MB L2 cache, 1333MHz FSB, 80W—2 processors/8cores/8 threads), has demonstrated competitive performance on the SPEC CPU2006 benchmark suite.

The scores in the following table are the first SPEC CPU2006 results published for the iDataPlex system. (1) These results were achieved using SUSE Linux® Enterprise Server 10 SP1 x64.

SPEC CPU2006 Benchmark	iDataPlex – Quad-Core Intel Xeon Processor E5440 (2.83GHz, 12MB L2 Cache, 1333 MHz FSB, 80W)
SPECint2006	25.6
SPECint_rate2006	128
SPECint_rate_base2006	105
SPECfp2006	22.3
SPECfp_rate2006	74.0
SPECfp_rate_base2006	66.8

Results are current as of April 23, 2008. 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 www.spec.org.

(1) Planned availability for the iDataPlex solution is June 2, 2008, in the United States and Canada only. System x iDataPlex is announced as available through IBM direct sales channel only. It is currently not available through IBM Business Partners.

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