

IBM posts SPEC CPU2006 scores for System x iDataPlex

IBM System x™ iDataPlex™ dx340 achieves competitive scores for a system using two Intel® processors

November 6, 2008 ... IBM® System x iDataPlex—a flexible and power-efficient design that enables massive scale-out deployments with affordable and customized value—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 dx340 system, configured with two Quad-Core Intel® Xeon® E5450 processors (3.00GHz, 12MB L2 cache, 1333MHz FSB—2 processors/8 cores/8 threads) and SUSE Linux® Enterprise Server 10 SP2, has demonstrated competitive performance on the SPEC CPU2006 benchmark suite.

The iDataPlex dx340 system, configured with two Dual-Core Intel Xeon X5260 processors (3.33GHz, 6MB L2 cache, 1333MHz FSB—2 processors/4 cores/4 threads) and SUSE Linux Enterprise Server 10 SP2, has demonstrated competitive performance on the SPEC CPU2006 benchmark suite. The scores in the following table are the first SPEC CPU2006 results published for these iDataPlex processor models. (1)

SPEC CPU2006 Benchmark	iDataPlex dx340 Quad-Core Intel Xeon Processor E5450 (3.00GHz, 12MB L2 Cache, 1333 MHz FSB)	iDataPlex dx340 Dual-Core Intel Xeon Processor X5260 (3.33GHz, 6MB L2 Cache, 1333 MHz FSB)
SPECint2006	27.7	28.4
SPECint_rate2006	139	86.1
SPECint_rate_base2006	128	80.1
SPECfp2006	24.6	25
SPECfp_rate2006	78	59
SPECfp_rate_base2006	70.5	55.2

Results are current as of November 6, 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) The iDataPlex dx340 solution is available through IBM direct sales channel only. It is currently not available through IBM Business Partners.

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