

IBM posts SPEC CPU2006 scores for System x iDataPlex

IBM System x™ iDataPlex™ dx320 achieves competitive scores for a system using two Intel® Xeon® L5420 processors

September 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 dx320 system, configured with two Quad-Core Intel Xeon L5420 processors (2.5GHz, 12MB L2 cache, 1333MHz FSB, 50W—2 processors/8cores/8 threads) and Red Hat Enterprise Linux® 4 Update 7, 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 model with the Intel Xeon Processor L5420. (1)

| SPEC CPU2006 Benchmark | iDataPlex dx320 Quad-Core Intel Xeon Processor L5420 (2.5GHz, 12MB L2 Cache, 1333 MHz FSB, 50W) |
|-------------------------------|--|
| SPECint2006 | 22.9 |
| SPECint_rate2006 | 109 |
| SPECint_rate_base2006 | 92.4 |
| SPECfp2006 | 20.2 |

Results are current as of September 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 dx320 solution is November 7, 2008. 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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