

## IBM posts SPEC CPU2006 scores for x3550 M3

*x3550 M3 delivers competitive processor performance for compute-intensive applications*

February 15, 2011 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x® 3550 M3 server using the Intel® Xeon® Processor X5690 and the Intel Xeon Processor X5687.

The x3550 M3 delivered competitive scores with two Intel Xeon X5690 processors (3.46GHz, 256KB L2 cache per core and 12MB L3 cache per processor—2 processors/12 cores/24 threads), 48GB of DDR3 PC3-10600R memory, and SUSE Linux® Enterprise Server 11 x64. (1)

The x3550 M3 delivered competitive scores with two Intel Xeon X5687 processors (3.60GHz, 256KB L2 cache per core and 12MB L3 cache per processor—2 processors/8 cores/16 threads), 48GB of DDR3 PC3-10600R memory, and SUSE Linux Enterprise Server 11 x64. (2)

The scores in the following table are the first SPEC CPU2006 results published for these x3550 M3 processor models.

| <b>SPEC CPU2006 Benchmark</b> | <b>Six-Core Intel Xeon Processor X5690 – 3.46GHz</b> | <b>Quad-Core Intel Xeon Processor X5687 – 3.60GHz</b> |
|-------------------------------|--|---|
| SPECint@2006                  | 45.6   | 46.7  |
| SPECint_base2006              | 42.6   | 43.6  |
| SPECint_rate2006              | 411  | 322   |
| SPECint_rate_base2006         | 384  | 305   |
| SPECfp@2006                   | 62.1   | 64.1  |
| SPECfp_base2006               | 58.6   | 60.5  |
| SPECfp_rate2006               | 266  | 235   |
| SPECfp_rate_base2006          | 259  | 228   |

The IBM System x3550 M3 is a 2-socket, 1U rack server that features power-optimized, high-performance with the latest Intel Xeon multi-core processor technology and QuickPath Interconnect (QPI). An energy-efficient design with integrated advanced functionality makes the x3550 M3 ideal for single or multiple business-critical applications hosting and virtualized, non-blade environments.

Results are current as of February 15, 2011. 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 x3550 M3 model using the Intel Xeon Processor X5690 is planned to be generally available March 15, 2011. The x3550 M3 as configured for this benchmark will be available March 15, 2011.

(2) The x3550 M3 model using the Intel Xeon Processor X5687 is planned to be generally available March 15, 2011. The x3550 M3 as configured for this benchmark will be available March 15, 2011.

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