

IBM posts SPEC CPU2006 scores for single-socket x3250 M3

x3250 M3 demonstrates competitive processor performance for compute-intensive applications

October 7, 2010 ... The IBM System x® 3250 M3 is a 1U, single-socket, rack-optimized server that uses the latest dual-core and quad-core Intel® Xeon® processor technology. The x3250 M3 offers new levels of performance and flexibility to help clients respond quickly to changing business demands. Cost-effective and compact, it is well-suited to small to mid-sized businesses as well as large enterprises, whether for general-purpose workloads or specialized applications.

In recent measurements, the x3250 M3 achieved solid overall performance for a single-socket Intel processor-based system on the SPEC® CPU2006 benchmark suite. The x3250 M3 delivered competitive scores on the SPEC CPU2006 benchmark suite for a system using a single Intel Xeon X3480 processor

The x3250 M3 was configured with the Quad-Core Intel Xeon X3480 processor (3.06GHz, 8MB L3 cache per processor—1 processor/4 cores/8 threads), 16GB of DDR3 PC3-10600R memory, and SUSE Linux® Enterprise Server 11 x64 SP1. (1)

The scores in the following table are the first SPEC CPU2006 results published for the x3250 M3 using this processor.

| SPEC CPU2006 Benchmark | Quad-Core Intel Xeon Processor X3480 (3.06GHz, 8MB L3 Cache) |
|-------------------------------|---|
| SPECint®2006 | 38.3 |
| SPECint_base2006 | 35.1 |
| SPECint_rate2006 | 131 |
| SPECint_rate_base2006 | 123 |
| SPECfp®2006 | 41.2 |
| SPECfp_base2006 | 39.0 |
| SPECfp_rate2006 | 92.8 |
| SPECfp_rate_base2006 | 89.4 |

Results are current as of October 7, 2010. 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 x3250 M3 is planned to be generally available November 12, 2010.

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