

IBM posts SPEC CPU2006 scores for single-socket x3250 M2

x3250 M2 achieves leadership SPECint2006 and SPECfp_rate2006 scores for a system using one Intel Xeon X3370 processor

May 12, 2009 ... The IBM System x® 3250 M2 is a 1U, single-socket server that uses the latest dual-core and quad-core Intel® Xeon® processor technology. The x3250 M2 incorporates low power consumption, noise reduction, and space optimizations that make it ideal for any business looking for a reliable, compact workgroup or departmental server.

In recent measurements, the x3250 M2 achieved solid overall performance for a single-socket Intel processor-based system on the SPEC® CPU2006 benchmark suite. The x3250 M2 delivered leadership SPECint2006 and SPECfp_rate2006 scores for a single-processor system and competitive scores on the other members of the benchmark suite.

The x3250 M2 was configured with the Quad-Core Intel Xeon X3370 processor (3.00GHz, 12MB L2 cache per processor—1 processor/4 cores/4 threads), 8GB of DDR2 PC2-6400E memory, and SUSE Linux® Enterprise Server 10 x64 SP1. (1)

The scores in the following table are the first SPEC CPU2006 results published for the x3250 M2 using this processor.

| SPEC CPU2006 Benchmark | Quad-Core Intel Xeon Processor X3370 (3.00GHz, 12MB L2 Cache) |
|-------------------------------|--|
| SPECint2006 | 28.2 |
| SPECint_rate2006 | 83.2 |
| SPECint_rate_base2006 | 76.5 |
| SPECfp2006 | 25.2 |
| SPECfp_rate2006 | 53.5 |
| SPECfp_rate_base2006 | 49.9 |

Results are current as of May 12, 2009. 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 x3250 M2 using the Quad-Core Intel Xeon Processor X3370 is planned to be generally available June 19, 2009.

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