

IBM posts SPEC CPU2006 scores for quad-core x3400 M2

x3400 M2 achieves competitive scores for a 2-socket Intel processor-based system

May 19, 2009 ... The IBM System x® 3400 M2 servers are self-contained, high-performance, tower (or optional rack-mounted) systems designed for Web and business server applications in remote or distributed environments. These 2-processor, 5U servers are highly scalable in configuration, performance, and availability. They meet the requirements of server applications in the small-to-mainstream businesses that need an affordable general-purpose network server.

In recent measurements, the x3400 M2 delivered competitive scores on the SPEC® CPU2006 benchmark suite. The x3400 M2 was configured with two Quad-Core Intel Xeon E5540 processors (2.53GHz, 8MB L3 cache per processor—2 processors/8 cores/16 threads), 24GB of DDR3 PC3-10600R memory, and SUSE Linux® Enterprise Server 10 x64 SP2. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3400 M2 processor model.

SPEC CPU2006 Benchmark	x3400 M2 – Quad-Core Intel Xeon Processor E5540 (2.53GHz, 8MB L3 Cache per Processor)
SPECint2006	30.2
SPECint_rate2006	216
SPECint_rate_base2006	201
SPECfp2006	34.4
SPECfp_rate2006	167
SPECfp_rate_base2006	161

Results are current as of May 19, 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 x3400 M2 model using the Quad-Core Intel Xeon E5540 processor is planned to be generally available June 15, 2009.

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