IBM posts SPEC CPU2006 scores for quad-core x3500 M2

x3500 M2 achieves competitive scores for a 2-socket Intel processor-based system

May 19, 2009 ... The IBM System x® 3500 M2 systems are self-contained, high-performance, 5U tower (or optional rack-mounted) systems designed for Web and business server applications in remote or distributed environments. These 2-socket servers are highly scalable in configuration, performance, and availability.

In recent measurements with the SPEC® CPU2006 benchmark suite, the x3500 M2 demonstrated competitive performance for a system configured with two Quad-Core Intel® Xeon® X5570 processors.

The x3500 M2 was configured with two Quad-Core Intel Xeon X5570 processors (2.93GHz, 256KB L2 cache per core and 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 x3500 M2 processor model.

SPEC CPU2006 Benchmark	x3500 M2 – Quad-Core Intel Xeon Processor X5570 (2.93GHz, 8MB L3 Cache per Processor)
SPECint2006	35.8
SPECint_rate2006	253
SPECint_rate_base2006	237
SPECfp_rate2006	40.6
SPECfp_rate2006	196
SPECfp_rate_base2006	190

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 x3500 M2 model using the Quad-Core Intel Xeon X5570 processor is planned to be generally available June 15, 2009.