IBM posts SPEC CPU2006 scores for single-socket x3200 M3

x3200 M3 achieves leadership SPECint_base2006 score for a system using one Intel Xeon X3470 processor

September 22, 2009 ... The IBM® System x® 3200 M3 is an affordable, single-processor tower server that has been optimized to provide outstanding availability, manageability, and performance features to small-to-medium-sized businesses, retail stores, or distributed enterprises.

In recent measurements, the x3200 M3 demonstrated outstanding overall performance for a single-socket Intel® processor-based system on the SPEC® CPU2006 benchmark suite. The x3200 M3 delivered a leadership SPECint_base2006 score for a system using a single Intel Xeon® X3470 processor, and competitive scores on the other members of the benchmark suite.

The x3200 M3 was configured with the Quad-Core Intel Xeon X3470 processor (2.93GHz, 8MB L3 cache—1 processor/4 cores/8 threads), 16GB of DDR3 PC3-10600R memory, and SUSE Linux® Enterprise Server 11 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3200 M3 using this processor.

SPEC CPU2006 Benchmark	**Quad-Core Intel Xeon Processor X3470 (2.93GHz, 8MB L3 Cache)**
SPECint®2006	35.2
SPECint_base2006	30.9
SPECint_rate2006	123
SPECint_rate_base2006	114
SPECfp®2006	38.3
SPECfp_base2006	36.6
SPECfp_rate2006	89.9
SPECfp_rate_base2006	86.3

Results are current as of September 22, 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 x3200 M3 using the Quad-Core Intel Xeon Processor X3470 is planned to be generally available October 30, 2009.