IBM posts SPEC CPU2006 scores for single-socket x3250 M4

x3250 M4 delivers leadership performance for a server using Intel Xeon E3-1280 processor

September 13, 2011 ... The IBM System x® 3250 M4 is a 1U, single-socket, rack-optimized server that uses the Intel® Xeon® E3-1200 series, Intel's latest quad-core processor technology. Compact and competitively priced, the x3250 M4 is designed for small businesses and first-time server buyers looking for a solution to improve business efficiency.

In recent measurements with the SPEC® CPU2006 benchmark suite, the x3250 M4 achieved solid overall performance for a single-socket server using the Intel Xeon E3-1280 processor. The SPECint2006, SPECint_base2006, SPECint_rate2006 and SPECfp_base2006 scores are leadership for a server using one Intel Xeon E3-1280 processor. The SPECfp2006, SPECfp_rate2006, SPECfp_rate_base2006 and SPECint_rate_base2006 scores are competitive for this processor.

The x3250 M4 was configured with the Intel Xeon E3-1280 processor (3.5GHz, 8MB L3 cache—1 processor/4 cores/2 threads), 8GB of DDR3 PC3-10600E memory, and Red Hat® Enterprise Server 6 x64 SP1. (1)

The scores in the following table are the first SPEC CPU2006 results published for the x3250 M4 using this processor.

SPEC CPU2006 Benchmark	Quad-Core Intel Xeon E3-1280 (3.5GHz, 8MB L3 Cache)
SPECint®2006	54.3
SPECint_base2006	51.1
SPECint_rate2006	178
SPECint_rate_base2006	171
SPECfp®2006	64.6
SPECfp_base2006	62.8
SPECfp_rate2006	122
SPECfp_rate_base2006	118

Results are current as of September 13, 2011. 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 M4 is planned to be generally available October 28, 2011.