xSeries 236 delivers new results on SPEC CPU2000 benchmark

July 12, 2005 ... The IBM® @server® xSeries® 236 is a 2-way SMP server that features the Intel® Xeon™ processor with Extended Memory 64 Technology (EM64T) at up to 3.6GHz with a 2MB L2 cache. The x226 has demonstrated competitive performance on SPEC CPU2000, which comprises the SPEC CFP2000 and SPEC CINT2000 benchmark suites.

The scores for the x236 at 3.0GHz and 3.2GHz processor speeds are summarized in the table. These are the first results published for 2-way 3.0GHz and 3.2GHz Intel Xeon processor-based servers.

x236	Score
SPECint	1,446
SPECint_rate2000 (1 x 3.0GHz processor)	18.62
SPECint_rate2000 (2 x 3.0GHz processor)	35.19
SPECfp	1,599
SPECfp_rate2000 (1 x 3.0GHz processor)	18.55
SPECfp_rate2000 (2 x 3.0GHz processor)	29.76
SPECint	1,553
SPECint_rate2000 (1 x 3.2GHz processor)	19.69
SPECint_rate2000 (2 x 3.2GHz processor)	37
SPECfp	1,674
SPECfp_rate2000 (1 x 3.2GHz processor)	19.41
SPECfp_rate2000 (2 x 3.2GHz processor)	30.54

The x236 server achieved these results using Microsoft® Windows® Server 2003.

Results are current as of July 12, 2005. The x236 server's scores have been submitted to SPEC for review and will be posted on their Web site upon successful completion of the review. View all results at www.spec.org.