IBM posts SPEC CPU2000 scores for HS20 blade server

September 27, 2005 ... IBM® has announced new IBM eServer™ BladeCenter® HS20 blade servers that use the latest Intel® Xeon™ processors with Extended Memory 64 Technology (EM64T) now available at 2.8GHz and 3.8GHz/800 MHz with a 2MB L2 cache. These new blade server models have demonstrated solid performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites.

Results achieved with the 3.8GHz/2MB Intel Xeon processor are either leadership (in blue) or second only to the score of another xSeries model. Scores for the HS20 are summarized in the following table.

Benchmark	HS20 2.8GHz Scores	HS20 3.8GHz Scores
SPECint	1,378	1,812
SPECint_rate2000 (1 Processor)	17.68	23
SPECint_rate2000 (2 Processors)	33.73	**43.06**
SPECfp	1,583	1,930
SPECfp_rate2000 (1 Processor)	18.36	22.39
SPECfp_rate2000 (2 Processors)	29.65	**33.66**

The scores for the HS20 using the 2.8GHz/2MB Intel Xeon processor are the first SPEC CPU2000 results published for this processor-speed model.

The HS20 blade achieved these results using Microsoft Windows Server 2003.

Results are current as of September 27, 2005. 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 results at www.spec.org.