IBM BladeCenter HS22V server achieves leadership 2-processor SPECint_rate2006 score

February 9, 2010 ... The IBM® BladeCenter® HS22V is a high-performance blade server that offers outstanding performance for virtualization with maximum memory capacity and processor performance.

In recent measurements, the HS22V demonstrated leadership performance for a server configured with two Quad-Core Intel® Xeon® X5570 processors on SPECint_rate_base2006, SPECint_rate2006, and SPECint®2006. All other SPEC CPU2006 benchmark results are competitive.

For all SPEC CPU2006 benchmark measurements, the HS22V 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 11 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this HS22V processor model.

SPEC CPU2006 Benchmark	**HS22V – Quad-Core Intel Xeon Processor X5570 (2.93GHz, 256KB L2 Cache per Core, 8MB L3 Cache per Processor)**
SPECint2006	38.5
SPECint_rate2006	268
SPECint_rate_base2006	253
SPECfp®2006	43.8
SPECfp_rate2006	201
SPECfp_rate_base2006	195

Results are current as of February 9, 2010. 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/cpu2006/results/.

(1) The HS22V model using the Quad-Core Intel Xeon X5570 processor is planned to be generally available March 19, 2010.