IBM posts SPEC CPU2006 scores for BladeCenter HS22 blade server

February 15, 2011 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM BladeCenter® HS22 blade server using the latest Intel® Xeon® 5600 series processor. The HS22 demonstrated competitive performance on the SPEC CPU2006 benchmark suite.

The HS22 delivered SPECint®2006, SPECint_base2006, and SPECfp®2006 scores that are leadership for a server using two Intel Xeon X5690 processors. All other scores in the SPEC CPU2006 benchmark suite were competitive.

For all SPEC CPU2006 benchmark measurements, the HS22 was configured with two Intel Xeon X5690 processors (3.46GHz, 256KB L2 cache per core and 12MB L3 cache per processor—2 processors/12 cores/24 threads), 48GB (12 x 4GB) of DDR3 PC3-10600R memory, and SUSE Linux® Enterprise Server 11 SP1 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this HS22 processor model.

SPEC CPU2006 Benchmark	HS22 – Two Intel Xeon X5690 Processors (3.46GHz)
SPECint2006	46.2
SPECint_base2006	43.6
SPECint_rate2006	413
SPECint_rate_base2006	385
SPECfp2006	63.7
SPECfp_base2006	59.9
SPECfp_rate2006	269
SPECfp_rate_base2006	262

The IBM BladeCenter HS22 offers great performance balanced with flexible configuration options and simple management in an efficient server designed to run a broad range of workloads, including infrastructure, virtualization, and enterprise applications. An extensive choice of processors, memory, internal storage, and I/O options allows flexible configurations.

Results are current as of February 15, 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 HS22 model using the Intel Xeon Processor X5690 is planned to be generally available February 24, 2011. The HS22 as configured for this benchmark will be available February 24, 2011.