IBM posts SPEC CPU2006 scores for BladeCenter HS22V server

March 16, 2010 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM BladeCenter® HS22V blade server using the new Intel® Xeon® Processor 5600 Series.

The HS22V demonstrated competitive performance on the SPEC CPU2006 benchmark suites. For the SPECint, SPECint_base, SPECfp and SPECfp_base benchmark measurements, the HS22V was configured with two Quad-Core Intel Xeon X5670 processors (2.93GHz, 256KB L2 cache per core and 12MB L3 cache per processor—2 processors/12 cores/24 threads), 24GB of DDR3 PC3-10600R memory, and SUSE Linux® Enterprise Server 11 x64. (1)

For all other SPEC CPU2006 benchmark measurements, the HS22V was configured with two Quad-Core Intel Xeon X5670 processors (2.93GHz, 256KB L2 cache per core and 12MB L3 cache per processor—2 processors/12 cores/24 threads), 96GB 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	IBM BladeCenter HS22V Intel Xeon Processor X5670 – 2.93GHz
SPECint®2006	39.3
SPECint_base2006	36.4
SPECint_rate2006	360
SPECint_rate_base2006	336
SPECfp®2006	45.1
SPECfp_base2006	42.4
SPECfp_rate2006	246
SPECfp_rate_base2006	239

The IBM BladeCenter HS22V is a high-density blade that offers outstanding performance for virtualization with new levels of memory capacity and processor performance. The HS22V blade is optimized for virtualization with 18 DIMM slots supporting up to 144 GB of DDR3 memory for more and larger virtual machines per blade. The HS22V is powered by the latest Intel Xeon 5600 and 5500 Series processors.

Results are current as of March 16, 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 http://www.spec.org/cpu2006/results/.

(1) The HS22V model using the Intel Xeon X5670 processor is planned to be generally available March 31, 2010. The HS22V as configured for this benchmark will be available March 31, 2010.

IBM and BladeCenter are registered trademarks of IBM Corporation.
Intel and Xeon are registered trademarks of Intel Corporation.
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
SPEC, SPECfp, and SPECint are registered trademarks of the Standard Performance Evaluation Corporation (see http://www.spec.org/spec/trademarks.html for all SPEC trademarks and service marks).
All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.