

IBM posts SPEC CPU2006 scores for BladeCenter HS22 server

March 16, 2010 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM BladeCenter® HS22 blade server using the new Intel® Xeon® Processor 5600 Series.

The HS22 demonstrated competitive performance on the SPEC CPU2006 benchmark suites. For the SPECint, SPECint_base, SPECfp and SPECfp_base benchmark measurements, the HS22 was configured with two 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 HS22 was configured with two Intel Xeon X5670 processors (2.93GHz, 256KB L2 cache per core and 12MB L3 cache per processor—2 processors/12 cores/24 threads), 48GB 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 HS22 processor model.

SPEC CPU2006 Benchmark	IBM BladeCenter HS22 Six-Core Intel Xeon Processor X5670 – 2.93GHz
SPECint@2006	39.2
SPECint_base2006	36.5
SPECint_rate2006	353
SPECint_rate_base2006	330
SPECfp@2006	45.0
SPECfp_base2006	42.3
SPECfp_rate2006	244
SPECfp_rate_base2006	236

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 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 www.spec.org/cpu2006/results/.

(1) The HS22 model using the Intel Xeon X5670 processor is planned to be generally available March 31, 2010. The HS22 as configured for this benchmark will be available March 31, 2010.

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