IBM posts SPEC CPU2006 scores for BladeCenter HS23 blade server

March 6, 2012 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM BladeCenter® HS23 blade server using the Intel® Xeon® Processor E5-2680. The HS23 demonstrated competitive performance on the SPEC CPU2006 benchmark suite.

For all SPEC CPU2006 benchmark measurements, the HS23 was configured with two Intel Xeon E5-2680 processors (2.7GHz, 20MB L3 cache per processor—2 processors/16 cores/32 threads), 128GB (16 x 8GB) of DDR3 PC3-12800R memory, and Red Hat Enterprise Linux® 6 Server x64 Edition, Update 2. (1) These scores are the first SPEC CPU2006 results published for this HS23 processor model.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2680 – 2.7GHz (8 Cores)
SPECint®2006	55.4
SPECint_base2006	51.5
SPECint_rate2006	664
SPECint_rate_base2006	638
SPECfp®2006	90.7
SPECfp_base2006	85.8
SPECfp_rate2006	493
SPECfp_rate_base2006	479

Do more in the datacenter you own today with the IBM BladeCenter HS23. This efficient server provides solutions for your datacenter needs by offering outstanding performance balanced with flexible configuration options and simple management. The IBM BladeCenter HS23 is designed to run a broad range of workloads, including cloud computing, virtualization, infrastructure and enterprise applications. With integrated 10GbE Virtual Fabric, the BladeCenter HS23 allows for flexible networking, providing you the ability to run multiple I/O protocols (FCoE and iSCSI) with no rip and replace, resulting in significant costs savings. Sixteen DIMM slots supporting up to 256GB of DDR3 memory and 1600MHz memory allow you to fit more and larger virtual machines per blade. In addition, the HS23 is backward-compatible with all BladeCenter chassis. These features, combined with the Intel Xeon Processor E5-2600 product family, allow you to do more now while protecting your investment in the future as your business grows.

Results are current as of March 6, 2012. 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 HS23 model using the Intel Xeon Processor E5-2680 is planned to be generally available March 16, 2012. The HS23 as configured for this benchmark will be available March 16, 2012.