

IBM BladeCenter HS21 blade delivers competitive performance on SPEC CPU2000

November 22, 2006 ... IBM® BladeCenter® HS21 blade servers, coupled with the BladeCenter chassis, deliver advanced application serving with performance, density, and scalability ideal for enterprise environments.

The IBM BladeCenter and BladeCenter HS21 offerings combine high-density design points with high performance and advanced server functions. These dense products can double the processing power within a rack space over 1 U thin servers with rich systems management and control.

The HS21 blade server has demonstrated competitive performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites. These results were achieved using Microsoft® Windows® Server 2003 (32-bit).

The scores in the following table are the first SPEC CPU2000 results published for the HS21 blade models using the Quad-Core Intel® Xeon® Processor E5320 (1.86GHz, 8MB advanced transfer L2 cache, 1066MHz FSB) and the Quad-Core Intel Xeon Processor E5345 (2.33GHz, 8MB advanced transfer L2 cache, 1333MHz FSB).

Benchmark	HS21 – Quad-Core Intel Xeon Processor E5320 (1.86GHz, 8MB L2 Cache, 1066MHz FSB)	HS21 – Quad-Core Intel Xeon Processor E5345 (2.33GHz, 8MB L2 Cache, 1333MHz FSB)
SPECint_base	1,917	2,389
SPECint_rate_base2000	144	179.6
SPECfp_base	1,785	2,204
SPECfp_rate_base2000	77.5	96.74

Results are current as of November 22, 2006. 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.

(1) Planned availability for the HS21 model using the Quad-Core Intel Xeon Processor E5320 (1.86GHz, 2 x 4MB L2 cache, 1066MHz FSB) is January 8, 2007. Planned availability for the HS21 model using the Quad-Core Intel Xeon Processor E5345 (2.33GHz, 2 x 4MB L2 cache, 1333MHz FSB) is January 2007.

IBM and BladeCenter are trademarks or registered trademarks of International Business Machines Corporation.

Intel and Xeon are trademarks or registered trademarks of Intel Corporation.

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

SPEC, SPECfp, and SPECint registered trademarks of the Standard Performance Evaluation Corporation.

All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.