

IBM posts leadership SPEC CPU2000 score for AMD Opteron processor-based blade server

February 14, 2006 ... The AMD Opteron LS20 for the IBM® BladeCenter® is a dual-processor blade server that features AMD Opteron processors running at speeds of 2.4, 2.6, or 2.8 GHz single-core, and 2.0 or 2.2 GHz dual-core | all with 1 MB L2 cache per core. (1)

The LS20, configured with the AMD Opteron 254 (2.8GHz single-core) processor with 1MB L2 cache per core, has delivered a leadership score for SPECint, which is part of SPEC CPU2000 benchmark suite made up of SPEC CFP2000 and SPEC CINT2000. The LS20 blade's SPECint score is a leadership score for a blade server. The other scores for the LS20, which are summarized in the table, demonstrate competitive blade performance.

Benchmark	LS20 2.8GHz/1MB (Single-Core) Scores
SPECint	1,920
SPECint_rate2000 (2 Processors)	44.5
SPECfp	2,220
SPECfp_rate2000 (2 Processors)	51.3

The LS20 blade achieved these results using 64-bit SUSE Linux Enterprise Server 9 SP2.

Results are current as of February 14, 2006. The LS20 blade's scores have been submitted to SPEC for review and will be posted on their Web site upon successful completion of the review. For all SPEC CPU2000 benchmark results, visit www.spec.org.

(1) Planned availability is February 28, 2006.

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