

IBM posts SPEC CPU2000 scores for new blade server

July 19, 2005 ... The AMD Opteron LS20 for IBM® eServer® BladeCenter® is a 2-way blade server that features AMD Opteron 32- and 64-bit processors running at speeds of 2.0GHz, 2.4GHz and 2.6GHz single core and 2.0GHz and 2.2GHz dual-core all with 1MB L2 cache per core.

The LS20, configured with the AMD Opteron 2.2GHz dual-core processor with 1MB L2 cache per core, has demonstrated competitive performance on SPEC CPU2000, which comprises the SPEC CFP2000 and SPEC CINT2000 benchmark suites.

On SPEC CFP2000, the LS20 blade achieved a SPECfp_rate2000 peak score of 66.58. On SPEC CINT2000, the LS20 blade achieve a SPECint_rate2000 peak score of 64.97.

The LS20 blade achieved these results using the AMD Opteron 2.2GHz dual-core processor and running 64-bit SUSE Linux Enterprise Server 9.

About the AMD Opteron LS20

The AMD Opteron LS20 for IBM eServer BladeCenter blade servers include Low Power AMD Opteron 32- and 64-bit processors running at speeds of 2.0GHz, 2.4GHz and 2.6GHz single core and 2.0GHz and 2.2GHz dual-core, all with 1MB L2 cache per core. These processors offer full performance at a lower power cost. For customers concerned with power consumption and heat output, these low-power processors can help reduce the operational cost in deploying new IT gear.

The LS20 allows customers to run up to 14 dual processor blades inside the 7U BladeCenter. The new blades support operating systems from Red Hat, SUSE LINUX and Microsoft® running in both 32- and 64-bit mode. The LS20 is fully supported inside the BladeCenter ecosystem of integrated switching components and management.

Results are current as of July 19, 2005. 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.

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