

## IBM System x3455 delivers outstanding performance on SPEC CPU2000

August 15, 2006 ... IBM® System x™ 3455 is a 1U rack-optimized, two-socket system that is ideal for customers who require compute-intensive performance at an affordable price.

The x3455 server is an attractive platform for scientific and technical computing, digital rendering, and electronic design clients. It is ideally suited for HPC clusters installed with either a Linux® or Microsoft® operating system, because it offers high-performance, manageability, and optimal price/performance for clusters of all sizes.

The x3455 features the dual-core AMD Opteron™ 2000 processors at speeds of up to 2.8GHz with an integrated full-speed 2MB L2 cache. (1)

The x3455 with a dual-core AMD Opteron 2220 SE processor (2.8GHz, 1MB L2 cache per core—2 processors/4 cores/4 threads) demonstrated competitive performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites. These results were achieved using SUSE Linux Enterprise Server 9 SP3.

The scores in the following table are the first SPEC CPU2000 results published for this processor model.

Benchmark	x3455 – AMD Opteron 2220 SE Processor (2.8GHz, 2MB L2 Cache)
SPECint (1P)	1,851
SPECint_rate2000 (2P)	85.1
SPECfp (1P)	2,218
SPECfp_rate2000 (2P)	90.3

Results are current as of August 15, 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](http://www.spec.org).

(1) Planned availability for the x3455 model using the AMD Opteron 2220 SE Processor (2.8GHz, 2MB L2 cache) is September 29, 2006.

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