

IBM posts SPEC CPU2006 scores for System x3655

IBM System x™ 3655 achieves competitive scores for a system using two AMD Opteron™ processors

May 20, 2008 ... The IBM® System x3655 server delivers the reliability and performance your business demands. The highly manageable, 2U, rack-optimized platform features up to two quad-core AMD Opteron processors, large memory capacity, high memory bandwidth, and PCI-Express, PCI-X, and HyperTransport™ (HTX) buses to power through core-, memory-, and I/O-intensive applications.

The x3655 uses the latest AMD quad-core processors and supports up to 64GB of high-speed 667 MHz ECC double data rate (DDR2) SDRAM RDIMM memory, with support for two-, four-, and eight-way interleaving, depending on memory configuration.

The x3655 system, configured with two Quad-Core AMD® Opteron processors Model 2356 (2.3GHz with 2MB L2 cache per processor—2 processor/8 cores/8 threads), has demonstrated competitive performance on the SPEC CPU2006 benchmark suite.

The scores in the following table are the first SPEC CPU2006 results published for the x3655 using the Quad-Core AMD® Opteron processor Model 2356. (1) These results were achieved using SUSE Linux® Enterprise Server 10 SP1 x64.

SPEC CPU2006 Benchmark	x3655 – Quad-Core AMD Opteron Processor Model 2356 (2.3GHz, 2MB L2 Cache)
SPECint2006	13.9
SPECint_rate2006	97.6
SPECint_rate_base2006	84.9
SPECfp2006	14.3
SPECfp_rate2006	84.1
SPECfp_rate_base2006	76.8

Results are current as of May 20, 2008. 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 IBM System x3655 using the Quad core AMD Opteron processor Model 2356 is July 31, 2008.

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