

## IBM posts SPEC CPU2006 scores for System x3755 M3

*x3755 M3 achieves competitive scores for a system using AMD Opteron™ 12-core processors*

August 31, 2010 ... The IBM® System x® 3755 M3 server delivers the performance and capacity that growing workloads demand. Featuring up to four 12-core Opteron 6000 series processors in a dense 2U rack-optimized platform, the x3755 M3 server delivers outstanding value for mid-sized applications.

The x3755 M3 system, configured with four 12-core AMD Opteron processors Model 6176 SE (2.3GHz with 12MB each of L3 cache per processor—4 processor/48 cores/48 threads), has demonstrated competitive performance on the SPEC® CPU2006 benchmark suite. The x3755 M3 also achieved competitive scores using two 12-core AMD Opteron processors Model 6176 SE (2.3GHz with 12MB each of L3 cache per processor—2 processor/24 cores/24 threads)

The scores in the following table are the first SPEC CPU2006 results published for the x3755 M3 using the 12-core AMD Opteron processor Model 6176 SE. (1) These results were achieved using Red Hat Enterprise Linux® Server 5.5 x64.

<b>SPEC CPU2006 Benchmark</b>	<b>IBM System x3755 M3 with Two 12-Core AMD Opteron Processors Model 6176 SE – 2.3GHz</b>	<b>IBM System x3755 M3 with Four 12-Core AMD Opteron Processors Model 6176 SE – 2.3GHz</b>
SPECint_rate2006	403	791
SPECint_rate_base2006	350	683
SPECfp_rate2006	322	635
SPECfp_rate_base2006	296	585

Results are current as of August 31, 2010. 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 IBM System x3755 M3 using the AMD Opteron 12-core processor Model 6176 SE is September 30, 2010.

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