

IBM System x3105 delivers outstanding performance on SPEC CPU2000

September 12, 2006 ... IBM® System x™ 3105 is ideal for small businesses purchasing a first server or upgrading from a PC-based network.

The System x3105 server is an entry tower server for small and medium businesses. This uniprocessor server provides solid performance to support typical general-purpose network, e-mail, or Web-serving applications in small businesses.

The x3105 is available in models that include either an AMD Opteron™ 1000 Series dual-core processor or an AMD Athlon™ 3500+ single-core processor. (1)

The x3105 with a dual-core AMD Opteron 1216 processor (2.4GHz, 1MB L2 cache per core—1 processor/2 cores/2 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	x3105 – AMD Opteron 1216 Dual-Core Processor (2.4GHz, 2MB L2 Cache)
SPECint (1P)	1,661
SPECint_rate2000 (1P)	37.19
SPECfp (1P)	2,058
SPECfp_rate2000 (1P)	39.16

Results are current as of September 12, 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.

(1) Planned availability for the x3105 model using the AMD Opteron 1216 Processor (2.4GHz, 2MB L2 cache) is October 20, 2006.

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