

## IBM posts SPEC CPU2000 scores for new xSeries 306m single-socket server

October 4, 2005 ... The IBM® eServer® xSeries® 306m—an affordable, easy-to-use rack server for Web and network infrastructure—has demonstrated solid performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites.

The x306m single-socket, single-core server uses the Intel® Pentium® 4 processor. The following models were measured:

- Intel Pentium 4 model 531 at 3.0GHz with 800MHz FSB and 1MB L2 cache per core
- Intel Pentium 4 model 640 at 3.2GHz with 800MHz FSB and 2MB L2 cache per core
- Intel Pentium 4 model 650 at 3.4GHz with 800MHz FSB and 2MB L2 cache per core
- Intel Pentium 4 model 660 at 3.6GHz with 800MHz FSB and 2MB L2 cache per core

The scores in the following table are the first SPEC CPU2000 results published for these processor models.

Benchmark	x306m Pentium 4 531	x306 Pentium 4 640	x306 Pentium 4 650	x306 Pentium 4 660
SPECint	1,414	1,593	1,683	1,772
SPECint_rate2000 (1 Processor)	17.62	20.4	21.36	22.64
SPECfp	1,679	1,867	1,951	2,028
SPECfp_rate2000 (1 Processor)	19.45	21.64	22.62	23.46

Results are current as of October 4, 2005. 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 results at [www.spec.org](http://www.spec.org).

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