

IBM posts SPEC CPU2000 scores for new models of xSeries 306m server

January 24, 2006 ... The IBM® eServer™ xSeries® 306m—an attractively priced, easy-to-use rack server optimized for Web and network infrastructure—has demonstrated solid performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites.

The single-processor, dual-core x306m models use the:

- Intel® Pentium® D model 920 at 2.8GHz with 800MHz front-side bus (FSB) and 2x2MB L2 cache
- Intel Pentium D model 930 at 3.0GHz with 800MHz front-side bus (FSB) and 2x2MB L2 cache
- Intel Pentium D model 940 at 3.2GHz with 800MHz front-side bus (FSB) and 2x2MB L2 cache

The x306m single-processor, single-core server uses the Intel Pentium 4 processor model 631 at 3.0GHz with 800MHz FSB and 2MB L2 cache.

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

| Benchmark | x306m Pentium D 920 | x306m Pentium D 930 | x306m Pentium D 940 | x306m Pentium 4 631 |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|
| SPECint | 1,422 | 1,515 | 1,608 | 1,514 |
| SPECint_rate2000 (1 Processor) | 32.08 | 34.13 | 36.22 | 19.3 |
| SPECfp | 1,681 | 1,770 | 1,857 | 1,776 |
| SPECfp_rate2000 (1 Processor) | 32.46 | 33.68 | 34.72 | 20.6 |

Results are current as of January 24, 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 results at www.spec.org.

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