

IBM posts SPEC CPU2000 scores for x346 server

June 8, 2005 ... The IBM® eServer® xSeries® 346 is a 2-way server that includes Intel® Xeon™ processors with Extended Memory 64 Technology (EM64T) at 3.2GHz and 3.0GHz/800 MHz with a 2MB L2 cache. The x346 has achieved new performance scores on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites.

- x346 with 3.2GHz processor

On SPEC CINT2000, the 2-way x346 achieved a SPECint_rate2000 peak score of 37.08 and a SPECint2000 peak score of 1,534. The x346 also achieved a SPECint_rate2000 score of 19.70 using a single processor.

On SPEC CFP2000, the x346 achieved a 2-way SPECfp_rate2000 peak score of 30.54 and a SPECfp2000 peak score of 1,671. The x346 also achieved a SPECfp_rate2000 score of 19.40 using a single processor.

These are the first SPEC CPU2000 results published for a 2-way 3.2GHz Intel Xeon processor.

- x346 with 3.0GHz processor

On SPEC CINT2000, the x346 achieved a SPECint_rate2000 peak score of 35.17 and a SPECint2000 peak score of 1,445. The x346 also achieved a SPECint_rate2000 score of 18.69 using a single processor.

On SPEC CFP2000, the x346 achieved a 2-way SPECfp_rate2000 peak score of 29.76 and a SPECfp2000 peak score of 1,597. The x346 also achieved a SPECfp_rate2000 score of 18.52 using a single processor.

These are the first SPEC CPU2000 results published for a 2-way 3.0GHz Intel Xeon processor.

The x346 server achieved these results using Microsoft® Windows® Server 2003.

Results are current as of June 8, 2005. The x346 server's 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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