

IBM posts SPEC CPU2000 scores for x346 server

May 26, 2005 ... The IBM® eServer® xSeries® 346 is a 2-way server that includes Intel® Xeon™ processors with Extended Memory 64 Technology (EM64T) at 3.6GHz and 3.4GHz/800 MHz with a 2MB L2 cache. The x346 has demonstrated excellent performance on SPEC CPU2000, which comprises the SPEC CFP2000 and SPEC CINT2000 benchmark suites.

- x346 with 3.6GHz processor

The x346 delivered the best SPECint_rate2000 performance score for a 2-way Xeon processor-based server. On SPEC CINT2000, the x346 achieved a SPECint_rate2000 peak score of 40.64 and a SPECint2000 peak score of 1,703. The x346 also achieved a SPECint_rate2000 score of 21.76 using a single processor.

On SPEC CFP2000, the x346 achieved a 2-way SPECfp_rate2000 peak score of 32.04 and a SPECfp2000 peak score of 1,807. The x346 also achieved a SPECfp_rate2000 score of 20.96 using a single processor.

- x346 with 3.4GHz processor

The x346 delivered leadership results for a server using a 3.4GHz processor and running SPEC CINT2000 and SPEC CFP2000. On SPEC CINT2000, the 2-way x346 achieved a SPECint_rate2000 peak score of 38.94 and a SPECint2000 peak score of 1,619. The x346 also achieved a SPECint_rate2000 score of 20.76 using a single processor.

On SPEC CFP2000, the x346 achieved a 2-way SPECfp_rate2000 peak score of 31.35 and a SPECfp2000 peak score of 1,741. The x346 also achieved a SPECfp_rate2000 score of 20.21 using a single processor.

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

Results are current as of May 26, 2005. These results have been submitted to SPEC for review, and upon completion of successful review, they will be posted on www.spec.org.

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