

IBM posts SPEC CPU2000 scores for x346 server

May 31, 2005 ... The IBM® eServer® xSeries® 346 is a 2-way server that includes Intel® Xeon™ processors with Extended Memory 64 Technology (EM64T) at 3.4GHz and 3.6GHz/800 MHz with a 2MB L2 cache. The x346 has demonstrated excellent performance on SPEC CPU2000, which comprises the SPEC CINT2000 and SPEC CFP2000 benchmark suites.

- x346 with 3.4GHz processor

The x346 delivered leadership results for a server using a 3.4GHz Intel Xeon 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.

- x346 with 3.6GHz processor

The x346 delivered the best SPECint_rate2000 performance score for a 2-way 3.6GHz Intel 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.

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

Results are current as of May 31, 2005. View all results at www.spec.org.

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