

## **xSeries 235 delivers best 1-way performance on TPC-C benchmark**

December 3, 2003 ... IBM® has posted the highest TPC-C performance result to date for a server using a single processor. Powered by one Intel® Xeon™ Processor, the IBM eServer® xSeries® 235 delivered 31,910.24 tpmC at price/performance of \$2.15/tpmC, which places the result in the Top Ten TPC-C by Price/Performance. (1) This price/performance result is the lowest achieved to date by an Intel processor-based server.

The x235 delivered 61 percent higher performance at lower price/performance than the HP ProLiant DL380-G3, which used one 3.2GHz/1MB Xeon Processor, and posted 19,814.35 tpmC at \$2.24/tpmC, with availability of November 24, 2003.

The x235 also delivered 58 percent higher performance at lower price/performance than the Dell PowerEdge 2650, which posted 20,108.79 tpmC at \$2.19/tpmC, with availability of January 14, 2004. (2)

The x235 server used one 3.2GHz Xeon Processor with 1MB L3 cache and 12GB of memory and ran Microsoft® SQL Server 2000 Enterprise Edition and Microsoft Windows® Server 2003 Enterprise Edition.

Results referenced are current as of December 3, 2003. To view all TPC-C results, visit the Transaction Processing Performance Council's Web site at [www.tpc.org](http://www.tpc.org).

(1) Total solution availability is December 3, 2003.

(2) The comparisons are based on the best performance result for servers using one Xeon Processor. Competitive benchmark results used for comparison are publicly available at [www.tpc.org](http://www.tpc.org).

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The benchmark performance results for IBM systems as presented in this document were obtained in a rigorously controlled environment. The extent to which a customer can achieve similar results is highly dependent on how closely the benchmark approximates the customer's application. The relative performance of systems derived from this benchmark does not necessarily hold for other workloads or environments. Extrapolations to any other environment are not recommended.

Benchmark results are highly dependent upon workload, specific application requirements, and systems design and implementation. Relative system performance will vary as a result of these and other factors. Therefore, these benchmark results should not be for making critical capacity planning and/or product evaluation decisions for a specific customer application.

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