

IBM sets new world record for 4-way Intel Xeon MP processor-based performance on TPC-C benchmark

April 26, 2005 ... IBM® continues to build on its reputation for leadership performance in the high-end Intel® processor-based server market. The new IBM eServer® xSeries® 366 server, using the latest 64-bit Intel Xeon™ Processor MP, and 64-bit IBM DB2® UDB have delivered superior results on the industry-standard TPC-C benchmark.

The x366 server and DB2 UDB achieved 150,704 tpmC, setting a new world record for 4-way Xeon MP processor-based system performance on the TPC-C online transaction processing benchmark. (1) This result, achieved by the winning combination of the x366 and DB2 UDB, demonstrates the benefits of a unified IBM 64-bit hardware/software solution for enterprise OLTP applications.

The x366 server's TPC-C benchmark performance result is 15 percent higher than that achieved by the HP ProLiant DL585. The ProLiant DL585 used four AMD Opteron 2.6GHz processors, each with 1MB cache, and ran Microsoft SQL Server 2000 Enterprise Edition and Microsoft Windows Server 2003 Enterprise Server with SP1. (2)

For this benchmark, the x366 server used four 64-bit Intel Xeon Processors MP at 3.66GHz with a 1MB L2 cache, and ran IBM DB2 Universal Database 8.2 (64-bit) and Microsoft® Windows® Server 2003 Enterprise x64 Edition with SP1.

Results referenced are current as of April 21, 2005. To view all TPC results, visit www.tpc.org.

(1) Price/performance of \$6.00/tpmC and total solution availability of August 20, 2005.

(2) ProLiant DL585: 130,623 tpmC, \$2.80/tpmC, availability of May 6, 2005.

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