IBM sets world record for 1-processor performance on TPC-C benchmark

IBM® System x™ 3500 delivers industry-leading, single-processor performance

April 26, 2007 ... IBM has published the best TPC-C performance result ever achieved by a server using a single processor. The IBM System x™ 3500 server has set a new record for 1-processor performance on the industry-standard TPC-C benchmark. (1)

The x3500 server achieved 145,180 tpmC at $1.94 USD/tpmC on the TPC-C online transaction processing benchmark. (1) These results surpass those of the HP ProLiant DL380G5 QC server, which posted 138,979 tpmC at $2.12 USD/tpmC using a similar configuration. (2)

For this benchmark, the x3500 server used the Quad-Core Intel® Xeon® Processor X5355 at 2.66GHz with 8MB L2 cache (1 processor/4 cores/4 threads) and ran Microsoft® SQL Server 2005 Enterprise x64 Edition (SP2) and Microsoft Windows® Server 2003 Enterprise x64 Edition (SP2).

Results referenced are current as of April 26, 2007. To view all TPC benchmark results, visit www.tpc.org.

(1) IBM System x3500 with Intel Xeon Processor X5355 at 2.66GHz (1 processor/4 cores/4 threads), 145,180 tpmC, $1.94 USD / tpmC, availability of May 1, 2007.

(2) HP ProLiant DL380G5 QC with Intel Xeon Processor X5355 at 2.66GHz (1 processor/4 cores/4 threads), 138,979 tpmC, $2.12 USD / tpmC, availability of March 26, 2007.