IBM posts leadership 4-processor x86-64 performance result on TPC-C benchmark

IBM System x3950 delivers first TPC-C result published on x86-64-server using Linux OS

September 19, 2006 ... IBM® continues to deliver leadership performance for the x86-64 processor-based server market. The IBM System x™ 3950 server and 64-bit IBM DB2® have delivered record-setting, 4-processor x86-64 performance on the industry-standard TPC-C benchmark.

The x3950 server and DB2 9 achieved 314,468 tpmC on the TPC-C online transaction processing benchmark. (1) This result is the first published on an x86-64 server running the Linux® operating system.

For this benchmark, the x3950 server used the Dual-Core Intel® Xeon® Processor 7140N at 3.33GHz with 1MB L2 cache per core and 16MB L3 cache per socket (4 processors/8 cores/16 threads) and ran DB2 9 (64-bit) and SUSE Linux Enterprise Server 10.

Results referenced are current as of September 19, 2006. To view all TPC results, visit www.tpc.org.

(1) IBM System x3950 with Intel Xeon Processor 7140N 3.33GHz (4 processors/8 cores/16 threads), 314,468 tpmC, $4.75 / tpmC, availability of November 30, 2006.