

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

IBM® System x® 3950 and DB2® 9 deliver new TPC-C™ results on Linux® with latest Intel® processor

December 15, 2006 ... IBM continues to deliver leadership performance for the x86-64 processor-based server market. The IBM System x3950 server and 64-bit IBM DB2 9, using IBM System Storage™ DS4800, have delivered record-setting, 4-processor x86-64 performance on the industry-standard TPC-C benchmark. (1)

The x3950 server and DB2 9 achieved 331,087 tpmC on the TPC-C online transaction processing benchmark. (1) This result surpasses the performance of the HP ProLiant ML570G4, which posted 318,407 tpmC using the Intel Xeon® Processor 7140M at 3.4GHz (4 processors/8 cores/16 threads), running Microsoft® Windows® Server 2003 Enterprise x64 Edition. (2)

For this benchmark, the x3950 server used the Dual-Core Intel Xeon Processor 7150N at 3.5GHz 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.

With the entire IBM Systems product line enabled to support Linux operating systems, now any size business can take advantage of the power of open standards. This TPC-C performance result demonstrates that customers can be comfortable choosing to implement Linux with IBM systems, software and/or services to deliver superior performance, flexibility and lower total cost of ownership.

Results referenced are current as of December 15, 2006. To view all TPC benchmark results, visit www.tpc.org.

(1) IBM System x3950 with Intel Xeon Processor 7150N 3.5GHz (4 processors/8 cores/16 threads), 331,087 tpmC, \$5.30 USD / tpmC, availability of February 14, 2007.

(2) HP ProLiant ML570G4 with Intel Xeon Processor 7140M at 3.4GHz (4 processors/8 cores/16 threads), 318,407 tpmC, \$1.88 USD / tpmC, availability of April 19, 2007.

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