IBM posts leadership TPC-C performance result for a server using eight Intel processors

IBM® System x™ 3950 delivers more than a half-million transactions per minute

February 28, 2007 ... IBM is building on its reputation for delivering leadership performance for the Intel processor-based server market. The IBM System x™ 3950 server has set a new record for 8-processor Intel® processor-based performance on the industry-standard TPC-C benchmark. (1)

The x3950 server achieved 510,822 tpmC on the TPC-C online transaction processing benchmark. (1) This result surpasses—by nearly 47%—the performance of the Unisys ES7000 Enterprise Server, which posted 347,854 tpmC using the Intel Xeon® Processor 7041 at 3.0GHz (8 processors/16 cores/32 threads). (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 (8 processors/16 cores/32 threads) and ran Microsoft® SQL Server 2005 Enterprise x64 Edition (SP1) and Microsoft Windows® Server 2003 Enterprise x64 Edition.

Results referenced are current as of February 28, 2007. To view all TPC benchmark results, visit www.tpc.org.

(1) IBM System x3950 with Intel Xeon Processor 7150N 3.5GHz (8 processors/16 cores/32 threads), 510,822 tpmC, $4.82 USD / tpmC, availability of April 1, 2007.

(2) Unisys ES7000 Enterprise Server with Intel Xeon Processor 7041 at 3.0GHz (8 processors/16 cores/32 threads), 347,854 tpmC, $3.28 USD / tpmC, availability of May 5, 2006.