

xSeries 445 delivers industry-leading 16-way performance on TPC-C benchmark

July 18, 2003 ... IBM® has posted the best performance result to date for a 16-way server running the TPC-C online transaction processing benchmark.(1) Powered by IBM Enterprise X-Architecture™, the IBM eServer™ xSeries® 445 has delivered 190,510.02 tpmC at price/performance of \$8.39/tpmC.(2)

Leveraging its XpandOnDemand™ modular scalability and performance, the x445 server used 16 Intel® Xeon™ MP 2.8GHz/2MB processors and 64GB of memory and ran Microsoft® SQL Server 2000 Enterprise Edition and Microsoft Windows® Server 2003 Datacenter Edition. The disk subsystem solution used to achieve this result comprised IBM TotalStorage® FAStT700 Fibre Channel Host Adapters, FAStT700 Storage Servers and FAStT EXP700 storage enclosures, which held 588 Fibre Channel 2Gb/s 15K rpm drives. QLogic SANblade QLA2350 Fibre Channel VI adapters were used to connect the TPC-C clients to the network.

For more information on the TPC-C benchmark, along with all TPC-C results, visit the Transaction Processing Performance Council's Web site at www.tpc.org.

Results referenced are current as of July 18, 2003.

(1) Competitive benchmark results used for comparison are publicly available at www.tpc.org. The comparison is based on the best-performing 16-way servers currently shipping: Unisys ES7000 Orion 540, Enterprise Server, with 16 Xeon MP 2.0GHz processors; 181,280.25 tpmC; \$5.85/tpmC, availability of May 30, 2003. Hewlett-Packard, hp server rp8400 with 16 PA-RISC 8700 750MHz, Sybase Adaptive Server Enterprise v12.5, HP-UX 11i 64-bit Base OS; 140,239.97 tpmC, \$14.37/tpmC, availability of September 18, 2001. Network Appliance, Fujitsu PRIMEPOWER 850 with sixteen 675MHz SPARC64 GP, Sybase Adaptive Server Enterprise v12.5.0.1, Solaris 8; 112,286.46 tpmC, \$13.44/tpmC, availability of August 31, 2002.

(2) Total solution availability is December 31, 2003. The x445 is available worldwide as of July 9, 2003.

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