

xSeries 440 uses TotalStorage FAStT solution to deliver industry-leading 16-way performance and price/performance

March 26, 2003 ... IBM® has posted the best performance and price/performance results to date for a 16-way server running the TPC-C online transaction processing benchmark. (1) Powered by IBM Enterprise X-Architecture™, the IBM @server™ xSeries™ 440 has delivered 151,744.13 tpmC at price/performance of \$11.03/tpmC.(2)

Leveraging its XpandOnDemand™ modular scalability and performance, the x440 server used sixteen Intel® Xeon™ MP 2.0GHz/2MB processors and 64GB of memory and ran Microsoft® SQL Server 2000 Enterprise Edition and Microsoft® Windows Server 2003 Datacenter Edition to claim its 31st number-one benchmark performance result. (3) 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.

The recipient of numerous industry awards for its performance, scalability, and high availability, the x440 has been a leader in the high-performance industry-standard server market since its introduction in March 2002. For more information on the x440, visit www.ibm.com/eserver/x440.

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 March 26, 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: 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 September 25, 2003.

(3) Indicates the total number-one benchmark results achieved over the life of the product; not all benchmark results achieved are still number one.

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