



Performance Brief

xSeries 440 and DB2 demonstrate leadership performance for Baan Enterprise Resource Planning (ERP) applications

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The IBM @server xSeries 440 is a high-throughput, eight-way SMP-capable enterprise server that delivers excellent scalability and incorporates Intel's powerful 1.6GHz¹ Xeon™ Processor MP with 1MB L3 cache.

The BaanERP 2-Tier benchmark was used to measure the x440 server's performance in 4- and 8-way processor configurations. The results² are summarized below.

xSeries 440 - Baan Reference Users (BRUs³)	
Eight Processors	Four Processors
2,695 BRUs	1,890 BRUs
System Hardware	
1.6GHz Intel® Xeon Processor MP / 1MB L3 Cache	
16GB Memory	
Software	
Microsoft® Datacenter Server	
DB2® UDB Version 7.2	

The xSeries 440 server's 2,695 BRUs, the best result overall on any Intel/Windows 2000 platform running DB2, was achieved in two-tier client/server mode and demonstrates the scalability of the x440 server.

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Notes

(1) GHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

(2) Results referenced in this document have been validated by the Baan Company, and are current as of June 20, 2002.

(3) A BRU represents a single user executing a session that generates a load on the system. By relating all BaanERP sessions to that reference load, the actual mix of sessions executed at any given implementation will determine the translation from the benchmark BRU to the maximum number of concurrent users for that implementation.