IBM	**AS/400e server model s40 with feature code 2208**	TPC-C Rev. 3.3
		Report Date: September 1,, 1998

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
$5,564,844	43,169.85	$128.91	September 11, 1998

Processors	Database Manager	Operating System	Other Software	Number of Users
1 AS/400e s40-2208 (12-way) 97 AS/400e 150-0294	DB2 for AS/400 Version 4 Release 3	OS/400 Version 4 Release 3	CICS for OS/400 V4R3 NT LNG ENV COBOL OS/400 V4R3 INT LNG ENV C OS/400 V3R7	35,630

AS/400e server s40-2208 C/S Priced Configuration

AS/400e Series - Priced Configuration

IBM

AS/400 Server
9406- 2208
12-way
40GB Memory
3.4 TB Disk
8 TRLan

TRLan

AS/400 Clients

97 - AS/400
9401- 0294
1-way
192 MB Memory
8.4 GB Disk
2 TRLan

8272/8230 TRLan Switch

35,630 PCs running telnet5250 emulation
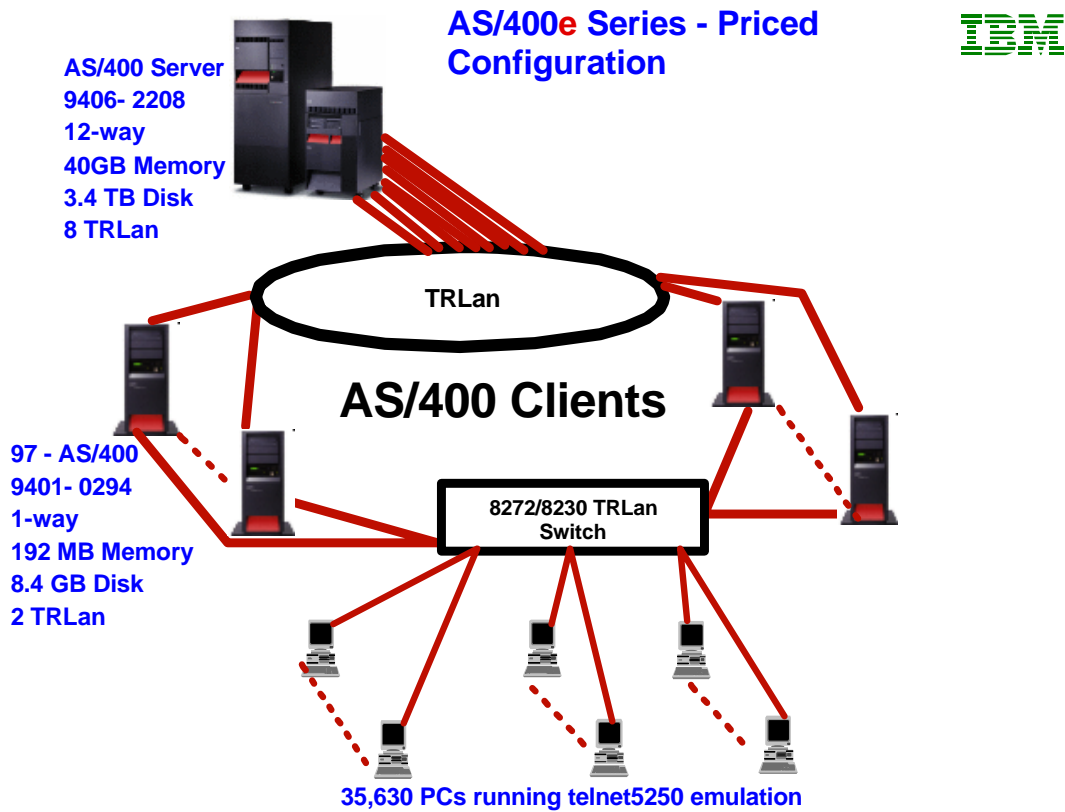
System components:	Qty:	Description:
Server		
Processors	1 12	AS/400e server s40-2208
Memory		40 GB main memory
Disk controllers	21	6532 DASD IOP
	1	Integrated multifunction IOP
Disk drives	356	316 8589 MB DASD
		40 17542 MB DASD
Total storage		3.4 TB
Clients (each):	97	
Processor	1	AS/400e server 150-0294
Memory		192 MB main memory
Disk controller	1	Integrated multifunction IOP
Disk	2	4194 MB DASD

Item Description	Number	Price	Qty.	Price	Maintenance	Price
Server Hardware:						
AS/400 9406 - Model S40 12-way Processor	2208	$480,000	1	$480,000	$91,872	$571,872
Token-Ring Adapter (9249)	Included in S40 base price		1	$0		$0
2048 Optional MB Base Memory	8193	$39,424	4	$157,696		$157,696
Optical Link	2688	$2,000	6	$12,000		$12,000
Optical Bus Adapter	2695	$1,000	1	$1,000		$1,000
2048 MB Main Storage	3193	$45,056	16	$720,896		$720,896
Storage Expansion Unit	5057	$5,000	1	$5,000	$10,560	$15,560
Storage Expansion Unit	5058	$5,000	11	$55,000	$116,160	$171,160
1063 Mbps System Unit Expansion Tower	5073	$14,900	1	$14,900		$14,900
1063 Mbps Storage Expansion Tower	5083	$14,900	10	$149,000	$144,000	$293,000
Token Ring Adapter	6149	$1,200	7	$8,400		$8,400
RAID Disk Unit Controller	6533	$9,900	21	$207,900		$207,900
4 GB 1/4-inch Tape Drive	6382	$1,800	1	$1,800		$1,800
RPQ 843804	843804	$900	1	$900		$900
LAN/WAN/Workstation IOP	2629	$2,600	7	$18,200		$18,200
V,24./EIA232 20 ft Cable	0330	$125	1	$125		$125
17.2 GB Disk Unit	6714	$3,800	40	$152,000		$152,000
8.58 GB Disk Unit	6713	$2,100	315	$661,500		$661,500
Base 8.58 GB Disk Unit	8713	$800	1	$800		800
Server Subtotal				*$2,647,117*	*$362,592*	*$3,009,709*
Client Hardware:						
AS/400 9401-150 Growth Server Pkg V4R1	0194	$12,000	1	$12,000	$4,272	$16,272
4.194 GB Disk Unit	Included in S40 base price		1	$0		$0
128 MB Base Memory	Included in S40 base price		1	$0		$0
Twinax Work Station Controller	Included in S40 base price		1	$0		$0
Base Token Ring Adapter (9724)	Included in S40 base price		1	$0		$0
Tape Drive	Included in S40 base price		1	$0		$0
64 MB Additional Main Storage Memory	3110	$768	1	$768		$768
Token Ring Adapter	2724	$840	1	$840		$840
4.194 GB Single Disk Unit	6607	$1,300	1	$1,300		$1,300
Single Client Subtotal				*$14,908*	*$4,272*	*$19,180*
Number of Clients			97			
Client Subtotal				*$1,446,076*	*$414,384*	*$1,860,460*
Server Software:						
IBM Operating System/400 V4R1M0 60-user	Included in S		1	$0		$0
Client Software:						
IBM Operating System/400 V4R1M0	Included in S		97	$0		$0
CICS for OS/400	5716-DFH	$2,450	97	$237,650		$237,650
ILE COBOL	5738-CB1	$900	1	$900		$900
Application Development Toolkit	5716-PW1	$900	1	$900		$900
DB2 Query Manager Dev. Toolkit	Included in S		1	$0		$0
ILE C	5716-CX2	$900	1	$900		$900
Software Subtotal				*$240,350*		*$240,350*
User Connectivity:						
16-port Token Ring Switch (including spare)	8272-216	$9,995	7	$69,967		$69,967
4-port UFC for 8272 (10% spares)	9196	$1,600	12	$19,200		$19,200
TOKEN RING CAU (including spare)	8230-013	$3,340	5	$16,698		$16,698
4-port LIU for 8230 (including spare)	2009	$300	17	$5,100		$5,100
20-PORT TOKEN RING LAM for 8030 (including spare	6738	$1,830	6	$10,981		$10,981
8-port Token Ring connection unit (10% spares)	8226	$545	4915	$2,678,675		$2,678,675
User Connectivity Subtotal				*$2,800,621*		*$2,800,621*
5-year System Subtotal				*$7,134,164*	*$776,976*	*$7,911,140*
Discounts						
Revenue Allowance				($2,104,578)		($2,104,578)
Midrange System Option (MSRO)					($132,086)	($132,086)
Extended Maintenance Option (EMO)					($109,631)	($109,631)
5-year System Total				$5,029,586	$535,259	**$5,564,844**

Notes:
Revenue Allowance is applied to hardware and software for the priced configuration.
EMO is a discount for prepayment of 5 years of maintenace costs.
MSRO is available to customers when agreement is reached for the customer to perform certain duties

Five-Year Cost of Ownership: $5,564,844

tpmC Rating: 43,169.85

$/tpmC: $128.91

Numerical Quantities Summary for IBM AS/400e server s40-2208

MQTH, computed Maximum Qualified Throughput   43,169.85

% throughput difference, reported & reproductivity   0.35%

Response Times (in seconds)	90%	Avg.	Max.
- New Order	0.71	0.41	95.20
- Payment	0.55	0.29	95.11
- Order-Status	0.70	0.39	8.72
- Delivery (interactive portion)	0.28	0.15	94.72
- Delivery (deferred portion)	3.24	1.82	19.13
- Stock-Level	1.02	0.49	95.49
- Menu	1.20	0.42	160.58

- Response time delayed for emulated components   0.0

Transaction Mix (in percent of total transactions)

- New Order	44.34%
- Payment	43.42%
- Order-Status	4.10%
- Delivery	4.06%
- Stock-Level	4.05%

Keying/Think Times (in seconds)	Min.	Avg.	Max.
- New Order	18.00/0.01	18.11/12.23	19.98/122.21
- Payment	3.00/0.01	3.05/12.21	5.10/122.20
- Order-Status	2.00/0.01	2.05/10.25	3.02/102.04
- Delivery	2.00/0.01	2.04/5.23	3.18/52.20
- Stock-Level	2.00/0.01	2.04/5.23	2.96/52.03

Test Duration

- Ramp-up time	59 minutes
- Measurement interval	20 minutes
- Number of checkpoints	0
- Checkpoint interval	0 minutes
- Number of transactions (all types) completed in Measurement Interval	1,946,868

Transparent file synchronization occurred more than five times during the measurement interval.