

Sun Microsystems INFORMIX

Ultra Enterprise 4000 C/S w/10 Front-Ends

TPC-C

Report Date: 2/3/1997

Part Number	Description	Qty	Unit Price	Extended Price	Maintenance per Mo/Yr	5 Yr. Total Maintenance
Server Hardware						
<i>Pricing from CAT Technology, Inc.</i>						
E6001	Enterprise Server 4000	1	31,500.00	31,500.00	459.00	22,032.00
2600A	CPU/Memory Board	7	6,750.00	47,250.00	153.00	51,408.00
2610A	SBus I/O Board	1	4,875.00	4,875.00		
2530A	UltraSPARC 250Mhz 1MB cache	14	12,000.00	168,000.00		
954A	Power Cooling Module	4	1,350.00	5,400.00		
7022A	256MB for Ex000	12	3,563.00	42,756.00		
7023A	1GB for EX000	2	36,375.00	72,750.00		
955AV3	Data Center Expansion Cabinet	5	3,825.00	19,125.00	163.00	44,010.00
795AR5	SSA 210 Cont. assembly	4	9,750.00	39,000.00		
X786A	6 * 9GB dffr Wide SCSI2 disks/tray	23	17,250.00	396,750.00		
1057A	Fibre Channel SBus Card	3	1,200.00	3,600.00		
595A	Fibre Channel Module	4	450.00	1,800.00		
966AR5	Blower Assembly Kit	1	375.00	375.00		
967A	SSA Rackmount Acc. kit	1	0.00	0.00		
792AR5	SSA112 with 30 x 2.1GB Drives	4	34,275.00	137,100.00		
6104A	0.25" 2.5GB Tape	1	675.00	675.00		

Ultra Enterprise 4000 Subtotal: 970,956.00 117,450.00

Client Hardware						
<i>Pricing from CAT Technology, Inc.</i>						
A11-UBA1-9S-128EB	UltraServer 1 Model 170	10	11,246.00	112,460.00	86.00	46,440.00
1059A	SBus Fast Ethernet	10	596.25	5,962.50		
X7003A	2*64 Mb Simm for UltraServer	30	2,025.00	60,750.00		

UltraServer 1 Subtotal: 179,172.50 46,440.00

User Connectivity						
<i>Terminal and 100Base-T Hub Pricing from SunExpress, 10Base-T Hubs from DataComm, Inc.</i>						
SX-WY35-G-G35	Wyse35 Terminal	11	295.00	3,245.00		
SUNX-3C250-TXI	12 Port 100Base-T Hub (incl. 2 spares)	3	2,425.00	7,275.00		
DEH1487	24 Port 10Base-T Hub W/AUI+BNC	605	302.00	182,710.00		
	Shipping and Handling with 10% spares			1,245.00		

Terminals & Connectivity Subtotal: 194,475.00

ALL HARDWARE SUBTOTALS: 1,344,603.50 163,890.00

Server and Client Software						
<i>Sun Software Pricing from Sun</i>						
SOLS-C	Solaris Software on CD-ROM	1	100.00	100.00	8.00	456.00
CC-P	SPARC Compiler Single Usr. License	1	695.00	695.00	20.00	1,140.00
	Sun Software Subtotal:			795.00	28.00	1,596.00

INFORMIX Pricing from INFORMIX Inc.						
Online 7.3	Online 7.3 Server License	1	310,000.00	310,000.00	0.00	223,200.00
	INFORMIX Software Subtotal:			310,000.00	0.00	223,200.00

Client Software						
<i>Tuxedo Pricing from BEA Systems, Inc.</i>						
	Tuxedo CFS Runtime	10	3,000.00	30,000.00	4,950.00	24,750.00
	Tuxedo Software Subtotal:			30,000.00		24,750.00
	ALL SOFTWARE SUBTOTALS:			340,795.00		249,546.00

Discount						
	Sun 3 year Maintenance Contract Discount (Hardware)		12%			-13,845.60
	Yearly prepayment Discount		5%			-7,502.22

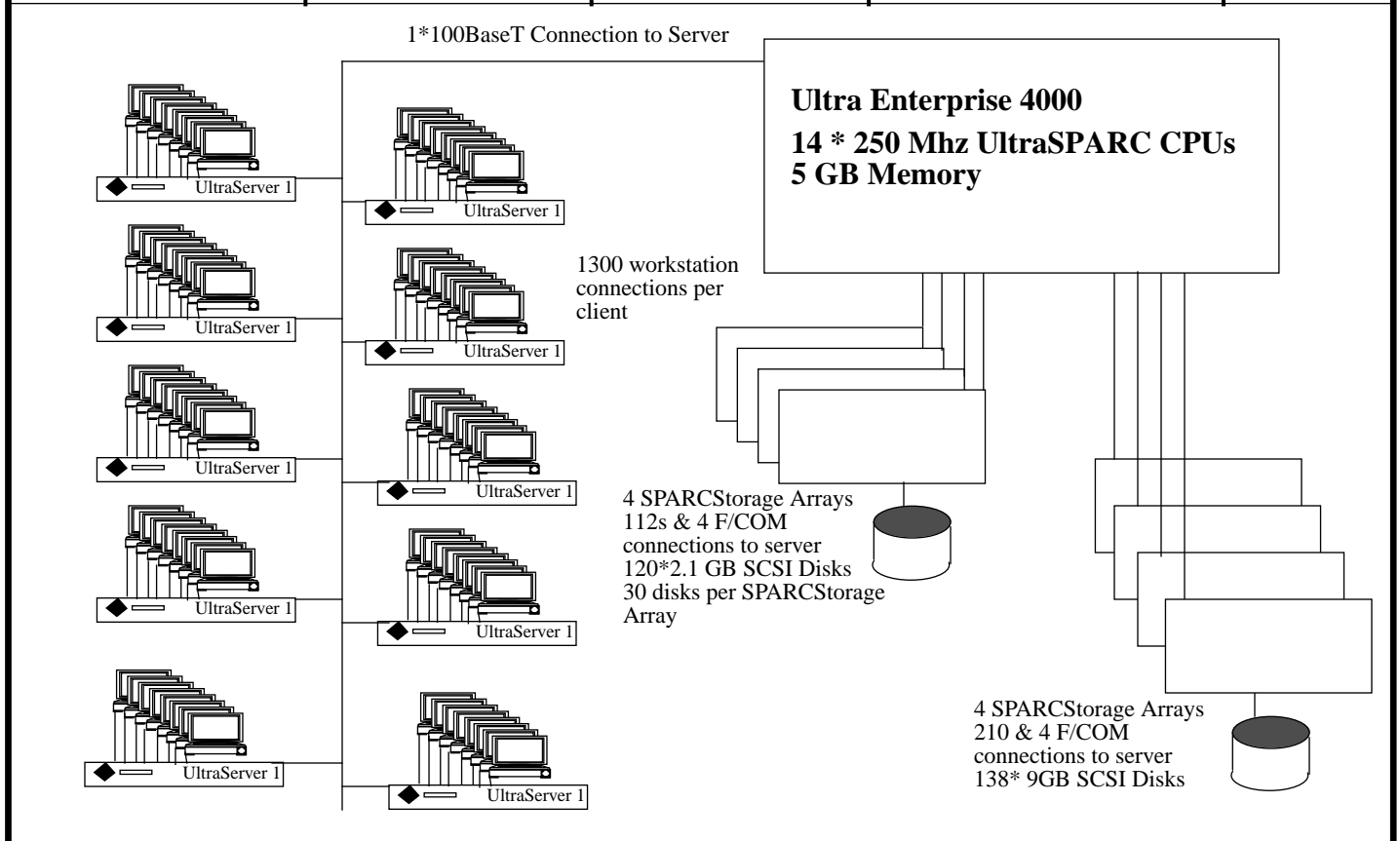
TOTAL HARDWARE & SOFTWARE COST (5YR) 2,077,486.68
PRICE PER TPMC 134.37

Sun hardware has 1-year warranty bundled.
During the warranty period, maintenance is discounted 50%.
for parts that require an upgrade to their standard warranty
Maintenance prices for Sybase and Tuxedo are yearly rates.

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.

Sun Microsystems	Ultra Enterprise 4000		TPC-C Rev 3.2
INFORMIX	C/S w/10 Front-Ends		Report Date: 2/3/1997
Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$2,077,486.68	15461.87 tpmC	\$134.37 per tpmC	Aug 1997

Processors	Database Manager	Operating System	Other Software	Number of Users
14 * 250 MHz UltraSPARC	INFORMIX Online 7.3 RDBMS	Solaris 2.6	BEA Tuxedo CFS 6.1	13000



System Components	Server System	Front End Systems
Database Nodes:	1 Ultra Enterprise 4000	10 * UltraServer 1 Model 170
Processors	14 * 250 MHz UltraSPARC	1 * 167 MHz UltraSPARC each
Cache memory	32KB (D+I), 1MB external	32KB (D+I), 512KB external, each
Main memory	5 GB	512 MB each
Disk controllers	8 * FC25/S	1 * SCSI-2 each
Disk Drives	138 * 9.0 GB & 120 * 2.1 GB SCSI	2 * 2.1GB SCSI-2 each
Total Disk Storage	1494 GB	4.2 GB each
Terminals	1 Console	1 Console each
10/100 BaseT Hubs	1 * 100BT 12-Port	605 x 24-Port 10 BT Hubs