

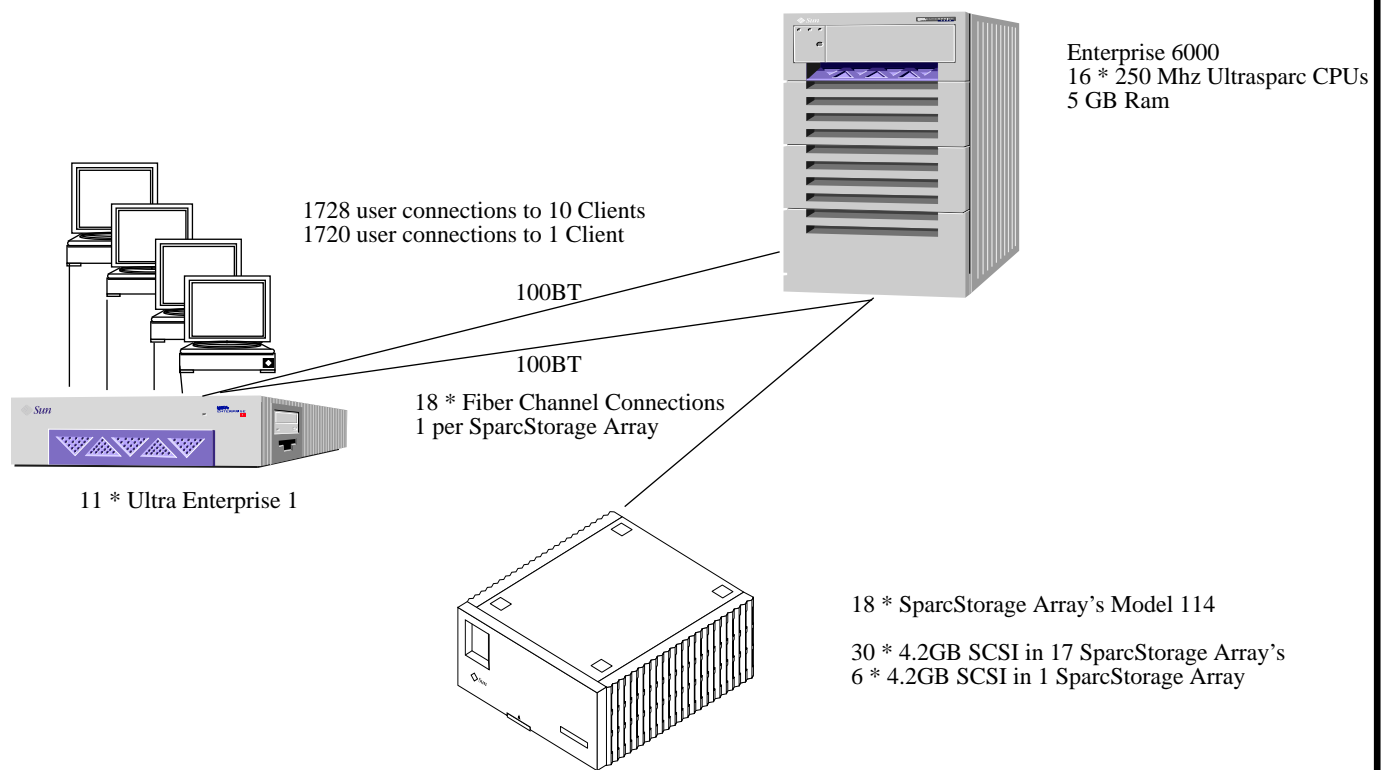
Part Number	Description	Qty	Unit Price	Extended Price	Maintenance per Mo/Yr	5 Yr. Total Maintainance
<b>Server Hardware</b>						
<i>Pricing from CAT Technology, Inc.</i>						
E6001	Enterprise Server 6000	1	131,250	131,250	2,448	117,504
2601A	CPU/Memory Board	8	6,750	54,000	211	81,024
2610A	SBUS I/O Board	3	4,875	14,625		
2550A	UltraSPARC 250Mhz 4MB cache	16	14,250	228,000		
954A	Power Cooling Module	6	1,350	8,100		
7022A	256MB for Ex000	12	3,563	42,756		
7023A	1GB for EX000	2	36,375	72,750		
955AV3	Data Center Expansion Cabinet	5	3,825	19,125	163	44,010
1057A	Fibre Channel SBus Card	6	1,200	7,200		
595A	Fibre Channel Module	12	450	5,400		
966AR5	Blower Assembly Kit	5	375	1,875		
967A	SSA Rackmount Acc. kit	5	0	0		
6517A	SSA114 with 6 x 4.2GB Drives	1	18,300	18,300		
6519A	SSA114 with 30 x 4.2GB Drives	17	45,300	770,100		
6104A	0.25" 2.5GB Tape	1	675	675		
SX-WY35-G-G35	Wyse35 Terminal	1	295	295		
<b>Ultra Enterprise 6000 Subtotal:</b>				<b>1,374,451</b>		<b>242,538</b>
<b>Client Hardware</b>						
<i>Pricing from CAT Technology, Inc.</i>						
A11-UBA1-9S-128EB	UltraServer 1 Model 170	11	11,247	123,717	86	51,084
	Ultra 1 - 167MHz, 128MB, 2*2.1GB,CD					
1059A	SBus Fast Ethernet	22	596	13,112		
X7003A	2*64 Mb Simm for UltraServer	33	2,025	66,825		
SX-WY35-G-G35	Wyse35 Terminal	11	295	3,245		
<b>UltraServer 1 Subtotal:</b>				<b>206,899</b>		<b>51,084</b>
<b>User Connectivity</b>						
<i>100Base-T Hub Pricing from SunExpress, 10Base-T Hubs from DataComm, Inc.</i>						
SUNX-3C250-TXI	12 Port 100Base-T Hub (incl. 2 spares)	4	2425	9,700		
DEH1487	24 Port 10Base-T Hub W/AUI+BNC with 10% spares	872	214	186,608		
<b>Connectivity Subtotal:</b>				<b>196,308</b>		
<b>ALL HARDWARE SUBTOTALS:</b>				<b>1,777,658</b>		<b>293,622</b>
<b>Server and Client Software</b>						
<i>Sun Software Pricing from Sun</i>						
SOLS-C	Solaris Software on CD-ROM	1	100	100	8	456
CC-P	SPARC Compiler Single Usr. License	1	695	695	20	1,140
<b>Sun Software Subtotal:</b>				<b>795</b>		<b>1,596</b>
<i>Oracle7 Pricing from Oracle Corp.</i>						
Oracle7	Oracle7.3	1	309,185	309,185		309,185
<b>Oracle Software Subtotal:</b>				<b>309,185</b>		<b>309,185</b>
<b>Client Software</b>						
<i>Tuxedo Pricing from BEA Systems, Inc.</i>						
	Tuxedo 4.2 Runtime	11	4,200	46,200	6,930	34,650
<b>Tuxedo Software Subtotal:</b>				<b>46,200</b>		<b>34,650</b>
<b>ALL SOFTWARE SUBTOTALS:</b>				<b>356,180</b>		<b>345,431</b>
<b>Discount</b>						
Sun 3 year Maintenance Contract Discount (Hardware)		12%				-25,475
Yearly prepayment Discount		5%				-13,407
<b>TOTAL HARDWARE &amp; SOFTWARE COST (5YR)</b>						<b>2,734,009</b>
<b>PRICE PER TPMC</b>						<b>118.13</b>

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 Oracle 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.

Note: The benchmark results and test methodology were audited by Lorna Livingtree of Performance Metrics Inc.

<b>Sun Microsystems</b>	<b>Ultra Enterprise 6000</b>		TPC-C Rev 3.2.3	
<b>Oracle Corp.</b>	<b>C/S w/11 Front-Ends</b>		Report Date: 3/17/1997	
Total System Cost	TPC-C Throughput	Price/Performance	Availability Date	
<b>\$2,734,009</b>	<b>23143.65 tpmC</b>	<b>\$118.13 per tpmC</b>	<b>August 1997</b>	
Processors	Database Manager	Operating System	Other Software	Number of Users
<b>16 * 250 MHz UltraSPARC</b>	<b>Oracle7 Server V 7.3.3 RDBMS</b>	<b>Solaris 2.6</b>	<b>BEA Tuxedo 4.2</b>	<b>19000</b>



### System Components

#### Database Nodes:

#### Processors

#### Cache memory

#### Main memory

#### Disk controllers

#### Disk Drives

#### Total Disk Storage

#### Terminals

#### 10 BaseT Hubs

#### 100 Base T Hubs

### Server System

1 Ultra Enterprise 6000

16 \* 250 MHz UltraSPARC

32KB (D+I), 4MB external

5 GB

18 \* FC25/S

516 \* 4.2 GB SCSI

2167.2 GB

1 Console

None

2 x 12-Port Hubs

### Front End Systems

11 \* UltraServer 1 Model 170

1 \* 167 MHz UltraSPARC each

32KB (D+I), 512KB external, each

512 MB each

1 \* SCSI-2 each

2 \* 2.1GB SCSI-2 each

4.2 GB each

1 Console each

792 x 24-Port Hubs

None