

Numerical Quantities Summary for SPARCcenter 2000E

MQTH, Computed Maximum Qualified Throughput **6444.63 tpmC**

% throughput difference, reported & reproducibility runs < 1%

Response Times (in secs)	90th Percentile	Average	Maximum
Menu	0.25	0.02	0.96
New-Order	1.20	0.63	5.43
Payment	1.00	0.42	3.44
Order-Status	0.80	0.38	3.27
Delivery(interactive)	0.04	0.02	0.34
Delivery(deferred)	2.00	0.67	3.00
Stock-level	2.00	1.04	4.20

Transaction Mix, in percent of total transactions

New-Order	44.76%
Payment	43.06%
Order-Status	4.04%
Delivery	4.06%
Stock-level	4.08%

Keying/Think Times (in secs)	Average.	Min.	Maximum
New-Order	18.02/12.20	18.01/0	18.19/122.0
Payment	3.02/12.25	3.01/0	3.19/122.0
Order-Status	2.02/10.36	2.01/0	2.15/95.6
Delivery	2.02/5.19	2.01/0	2.05/48.6
Stock-level	2.02/5.19	2.01/0	2.15/52.0

Test Duration

Ramp-up time	15 minutes
Measurement Interval	30 minutes
Number of transactions (all types) completed in measurement interval	431968

Sun Microsystems

SPARCcenter 2000E C/S w/4 Front-Ends

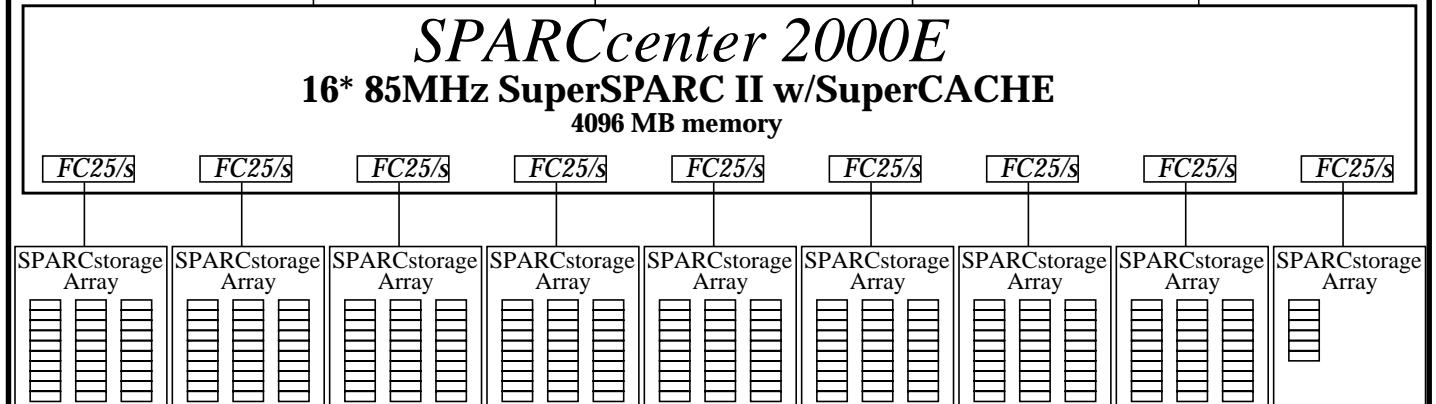
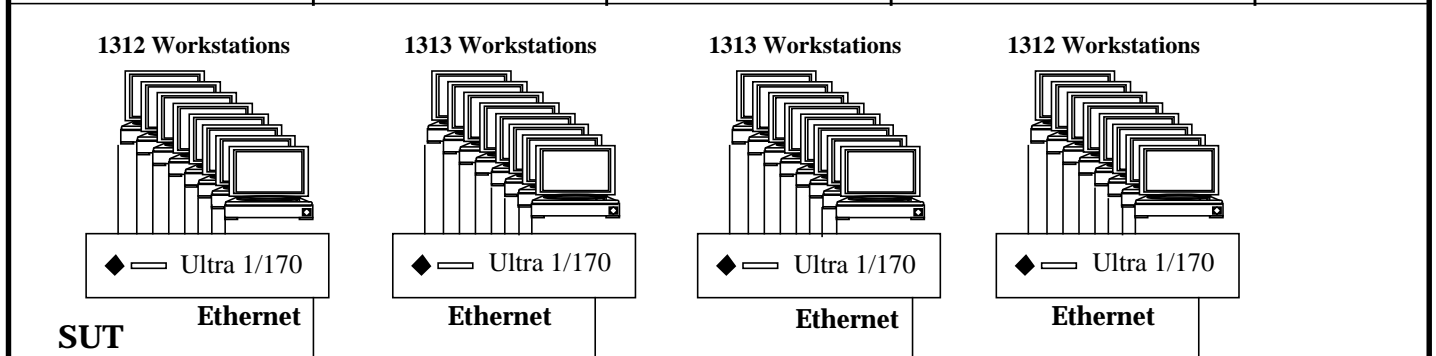
TPC-C

Report Date: 4/15/96

Order Number	Description	Quantity	Unit Price	Extended Price	Maint. rate/unit	5 yr total Maint.
Hardware						
S2001E2V3	SPARCcenter 2000E	1	40500	40500	1120	60480
2322A	Sys board 2*85Mhz SuperSPARC	8	41250	330000	80	34560
173A	256MB memory Option	16	12000	192000		
1058A	SBus Quad Ethernet Controller	2	746	1492		
792A	SSA Model 112 w/ 30 2.1 GB Disks	8	35100	280800	120	51840
790A	SSA Model 112 w/6 2.1GB Disks	1	15563	15563	120	6480
1057A	FibreChannel/SBus Host Adapter	9	1200	10800		
6103A	2.5GB 1/4" Cartridge Internal Drive	1	806	806		
	SPARCcenter 2000E Total:			871,961.25		153,360.00
Front-End System						
A11-UBA1-9S-064CB	UltraServer 1 Model 170 (64MB RAM + 1 x 2.1GB SCSI Disk)	4	11621	46485	76	16416
X1058A	SBus Quad Ethernet Controller	4	746	2985		
X7003A	128 MB SIMM expansion	16	4275	68400		
	UltraServer 1 Total:			117,870.00		16,416.00
Terminals and Connectivity						
SX-WY35-G-G35	Wyse 35 terminal for console	5	295	1475		
Data Com/Bocca 24 plus	24 Port Hub (10% spare)	241	344	82904		
	Terminals and Connectivity Total:			84,379.00		
	ALL HARDWARE SUBTOTALS:			1,074,210.25		169,776.00
Software						
Sun						
SOLS-C	Solaris Software on CD-ROM	1	100	100		
CC-3.0.1-S	SPARCCompiler Single User License	1	695	695	20	1,140.00
	Sun Software Total:			795.00		1,140.00
DB2						
	DB2 for common server (80 users)	1	11931	11931		0.00
	DB2 Software Totals:			11,931.00		
Independence Technologies Inc.						
	Tuxedo 4.2.1 Development License	1	2395	2395	359.25	1,796.25
	Tuxedo 4.2.1 Runtime License	4	7500	30000	1125	22,500.00
	ALL SOFTWARE SUBTOTALS:			45,121.00		25,436.25
Sun maintenance rate/unit is monthly rate and Tuxedo maintenance rate/unit is yearly rate H/W Maintenance 1 YR warranty (maintenance at 50%) & 4 YR Maintenance						
Discount						
	Sun Prepaid Maintenance Discount (Hardware)	15%				-25,466.40
	TOTAL HARDWARE AND SOFTWARE COST (5 YR)					1,289,077.10
	Price Per TpmC					200.02

Sun Microsystems	SPARCcenter 2000E		TPC-C Rev 3.0
IBM Corporation	C/S w/4 Front-Ends		Report Date: 4/15/96
Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$1,289,077.10	6444.63 tpmC	\$200 per tpmC	May 15, 1996

Processors	Database Manager	Operating System	Other Software	Number of Users
16 SuperSPARC II 85 MHz	DB2 for Solaris V2.1.1 RDBMS	Solaris 2.5.1	Tuxedo Ver. 4.2.1	5250



System Components	Server System	Front End Systems
Database Nodes:	1 SPARCcenter 2000E	4 UltraServer 1 Model 170
Processors	16 x 85 MHz SuperSPARC II	1 x 167 MHz UltraSPARC each
Cache memory	16KB D, 20KB I, 1MB External	32KB (D+I), 512KB External each
Main memory	4096 MB	512 MB each
Disk controllers	4 FC25/S + 1 FSBE/S	1 x SCSI-2 each
Disk Drives	246 x 2.1 GB SCSI	1 x 2.1GB SCSI-2 in each
Total Disk Storage	517 GB	2 GB each
Terminals	1 Console	4 Consoles
10 BaseT Hubs	None	241 x 24-Port