
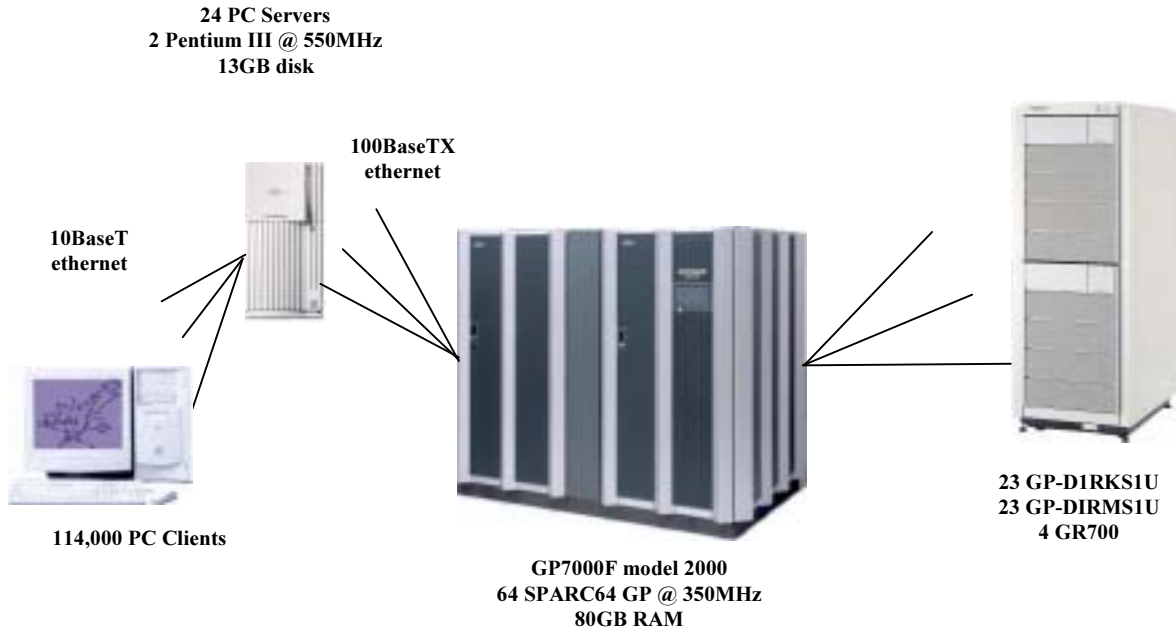


Priced Configuration


		GP7000F model 2000 c/s w/ 24 Front-Ends		TPC-C Rev 3.5
				Report Date: July 22, 2000
Total System Cost		TPC-C Throughput	Price/Performance	Availability Date
\$10,310,471		138,735.06 tpmC	\$74.32/tpmC	January 14, 2001
Processors	Database Manager	Operating system	Other Software	Number of users
64 SPARC64 GP @ 350MHz	Oracle8i Enterprise Edition 8.1.5	Solaris7	BEA Tuxedo 6.4 CFS, Microsoft Internet Information Server	114,000

GP7000F model 2000 Priced Configuration



RDBMS SERVER			CLIENTS(EACH OF 24)	
	QTY	DESCRIPTION	QTY	DESCRIPTION
PROCESSOR	64	SPARC64 GP @ 350MHZ	2	PENTIUM III @ 550MHZ
CACHE MEMORY		8MB (EACH PROCESSOR)		512KB (EACH PROCESSOR)
MEMORY		80GB		640MB
DISK CONTROLLER	54	ULTRA WIDE DIFFERENTIAL SCSI	1	ULTRA ATA
DISKS	235	18GB (10,000RPM)	1	13GB
	1,222	9GB (10,000RPM)		
TOTAL		15,290 GB		
TERMINAL	1	SYSTEM CONSOLE	1	15" MONITOR
NETWORK INTERFACE	5	FASTETHERNET	3	FASTETHERNET
			24	10/100 ETHERNET SWITCH (24PORTS)
HUBS	5	10/100 ETHERNET SWITCH	14,400	10 BASET HUB (8 PORTS)

Detailed Pricing Information

		Detailed Pricing Information GP7000F model 2000 c/s w/ 24 Front-Ends			TPC-C Rev 3.5 Report Date: July 22, 2000		
Order Number	Description	Quantity	Third Party	Unit Price	Extended Price	Maintenance rate/unit	5 Years Maintenance
Server Hardware							
GP7NOB1U	GP7000F Model 2000 w/ 8 x SPARC64 GP 350MHz/8MB, 4GB memory, 2 x 9GB disks, 2 Dual Channel UltraSCSI/D Cards	1		593,507.00	593,507.00	65,286.00	Sr *1 261,144.00
GP7N7ER1U	System Expansion Cabinet for Model 2000	1		127,769.00	127,769.00	14,055.00	Sr *1 56,220.00
GP7N7SB1U	System Board	14		38,735.00	542,290.00	4,261.00	Sr *1 238,616.00
GP7N1B11U	CPU Module (SPARC64 GP 350MHz/8MB)	56		11,502.00	644,112.00	1,265.25	Sr *1 283,416.00
GP7N2M51U	Additional Memory (512MB)	88		2,600.00	228,800.00	286.00	Sr *1 100,672.00
GP7N2M61U	Additional Memory (1024MB)	32		6,000.00	192,000.00	660.00	Sr *1 84,480.00
GP7N7FT1U	Additional Fan Tray	7		1,450.00	10,150.00	160.00	Sr *1 4,480.00
GP7N7PU1U	Additional Power Supply	3		3,475.00	10,425.00	382.25	Sr *1 4,587.00
X1034A-X	Quad FastEthernet Card	1		1,795.00	1,795.00	197.50	Sr *1 790.00
X6541A-X	Dual Channel UltraSCSI/D Card	25		1,440.00	36,000.00	158.50	Sr *1 15,850.00
DCBL-SCR10	VHDCI - 68P SCSI cable	92		131.00	12,052.00	20.00	Syr 1,840.00
GP-DIRKS1U	Disk Array (Rack, w/ 32MB cache)	23		24,096.00	554,208.00	3,614.40	Syr 83,131.20
GP-DIRMS1U	Additional Disk Array (Rack-mount, w/ 32MB cache)	23		20,954.00	481,942.00	3,143.10	Syr 72,291.30
GP-DHD92U	5 x 9GB 10,000rpm disks	204		3,927.00	801,108.00	589.00	Syr 120,156.00
GP-DHD182U	5 x 18GB 10,000rpm disks	47		7,845.00	368,715.00	1,177.00	Syr 55,319.00
GP-DISC1U	Additional RAID Controller (w/ 32MB cache)	46		6,012.00	276,552.00	902.00	Syr 41,492.00
GP-DPW1U	Additional Power Supply Unit	92		530.00	48,760.00	80.00	Syr 7,360.00
F6403A3L	Disk array Rackmount model A3 base unit (w/ Disk Drive Modules & cables)	4		29,418.00	117,672.00	4,413.00	Syr 17,652.00
F6403A12L	SCSI RAID controller pair M128 (128MB cache)	8		22,120.00	176,960.00	3,318.00	Syr 26,544.00
F6403A23L	10,000rpm 9GB disk drive	200		2,235.00	447,000.00	335.25	Syr 67,050.00
F6403A41L	19inch Rack (Data Center Cabinet)	4		3,829.00	15,316.00	574.35	Syr 2,297.40
X6541A-X	Dual Channel UltraSCSI/D Card	4		1,440.00	5,760.00	158.50	Sr *1 2,536.00
DCBL-SCR10	VHDCI - 68P SCSI cable	8		131.00	1,048.00	20.00	Syr 160.00
GP7N7CL3U	System Console	1		15,275.00	15,275.00	1,680.25	Sr *1 6,721.00
	12/24GB 4mm DDS3 tape drive	1		1,365.00	1,365.00	205.00	Syr 205.00
Server Hardware Subtotals					5,710,581.00		1,555,009.90
Server Software							
	Solaris 7	1		100.00	100.00	0.00	Sr 0.00
GR72A901	GRmgr for Solaris 2.6/7	1		1,325.00	1,325.00	0.00	Sr 0.00
	Oracle8i Enterprise Edition 8.1.5	1	1	1,027,900.00	1,027,900.00	1,027,900.00	Syr 1,027,900.00
	VERITAS Volume Manager License / Direct Assist Support	1	2	53,743.00	53,743.00	9,673.00	Sr 48,365.00
	VERITAS Volume Manager Media / Documentation Kit	1	2	187.00	187.00	0.00	Syr 0.00
Server Software Subtotals					1,083,255.00		1,076,265.00
Client Hardware							
GP528V1N5	GRANPOWER 5000 Model 280 w/ 1 x Pentium III 550MHz, 1 10/100Base-TX	24		1,772.00	42,528.00	265.80	Syr 6,379.20
GP5-FG10V	Pentium III (550MHz)	24		882.00	21,168.00	132.30	Syr 3,175.20
GP5-RM25F	256MB memory	48		802.00	38,496.00	120.30	Syr 5,774.40
GP5-RM12F	128MB memory	24		260.00	6,240.00	39.00	Syr 936.00
GP5-HD3E1	13GB Disk (EIDE)	24		265.00	6,360.00	39.75	Syr 954.00
GP5-185	FastEthernet Adapter (10/100Base-TX)	48		120.00	5,760.00	18.00	Syr 864.00
FMV-DP846	15" Monitor	24		265.00	6,360.00	39.75	Syr 954.00
Client Hardware Subtotals					126,912.00		19,036.80
Client Software							
	Microsoft Windows NT Server 4.0, include 5 CALs	24	3	809.00	19,416.00	0.00	Sr 0.00
	Microsoft Visual C++ Professional 6.0	1	3	549.00	549.00	0.00	Sr 0.00
	Microsoft Software Maintenance	1	3	0.00	0.00	2,095.00	Sr 10,475.00
	BEA Tuxedo 6.4 CFS	24	4	3,000.00	72,000.00	480.00	Sr 57,600.00
Client Software Subtotals					91,965.00		68,075.00
User Connectivity							
WS-C2924-XL-EN	CISCO Catalyst 2924M-XL-A 10/100 Ethernet Switch (24ports) *	33	5	1,316.70	43,451.10	560.00	Sr 92,400.00
FP1008C	8-Port RJ45 & BNC Ethernet Hub *	15840	6	28.00	443,520.00	0.00	Sr 0.00
User Connectivity Subtotals					486,971.10		92,400.00
Totals					7,499,684.10		2,810,786.70
5 Year cost							10,310,471
tpmC							138,735.06
\$ / tpmC							74.32
*1 : 1st year warranty included.							
*2 : 10% or minimum of 2 spares are included.							
Third Party:							
	1 = Oracle Corporation						
	2 = VERITAS Software Corporation						
	3 = Microsoft Corporation						
	4 = BEA Systems						
	5 = Fujitsu Systems Business of America, Inc.						
Notes:							
Results independently audited by Bradley J. Askins of InfoSizing, Inc.							
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 items, please inform the TPC at pricing@tpc.org. Thank you.							

Numerical Quantities Summary
GP7000F model 2000 c/s w/ 24 Front-Ends
Oracle8i Enterprise Edition 8.1.5

MQTH, Computed Maximum Qualified Throughput		138,735.06 tpmC					
Response Times (in seconds)		Average		90%		Max.	
New-Order		1.58		3.58		12.81	
Payment		0.32		0.39		4.29	
Order-Status		0.28		0.33		4.15	
Delivery (interactive portion)		0.18		0.16		3.97	
Delivery (deferred portion)		0.34		0.53		4.18	
Stock-Level		0.26		0.42		4.36	
Menu		0.15		0.15		4.01	
Transaction Mix, in percent of total transaction							
New-Order						44.79	
Payment						43.10	
Order-Status						4.06	
Delivery						4.02	
Stock-Level						4.03	
Emulation Delay (in seconds)				Resp. Time		Menu	
New-Order				.1		.1	
Payment				.1		.1	
Order-Status				.1		.1	
Delivery (interactive)				.1		.1	
Stock-Level				.1		.1	
Keying/Think Times (in seconds)		Min.		Average		Max.	
New-Order		18.06 0.02		18.08 12.03		18.44 120.24	
Payment		3.05 0.02		3.06 12.04		3.41 120.27	
Order-Status		2.05 0.02		2.06 10.07		2.41 100.00	
Delivery (interactive)		2.05 0.02		2.06 5.05		2.38 50.41	
Stock-Level		2.05 0.02		2.06 5.05		2.37 50.34	
Test Duration							
Ramp-up time (seconds)						2,615	
Measurement interval						1,800	
Transactions during measurement interval						4,162,052	
Checkpointing							
Number of checkpoints						1	
Checkpoint interval						1,800	
Reproducibility Run							
Reported measurement						138,735.06	
Reproducibility measurement						137,801.56	
Difference						0.67%	