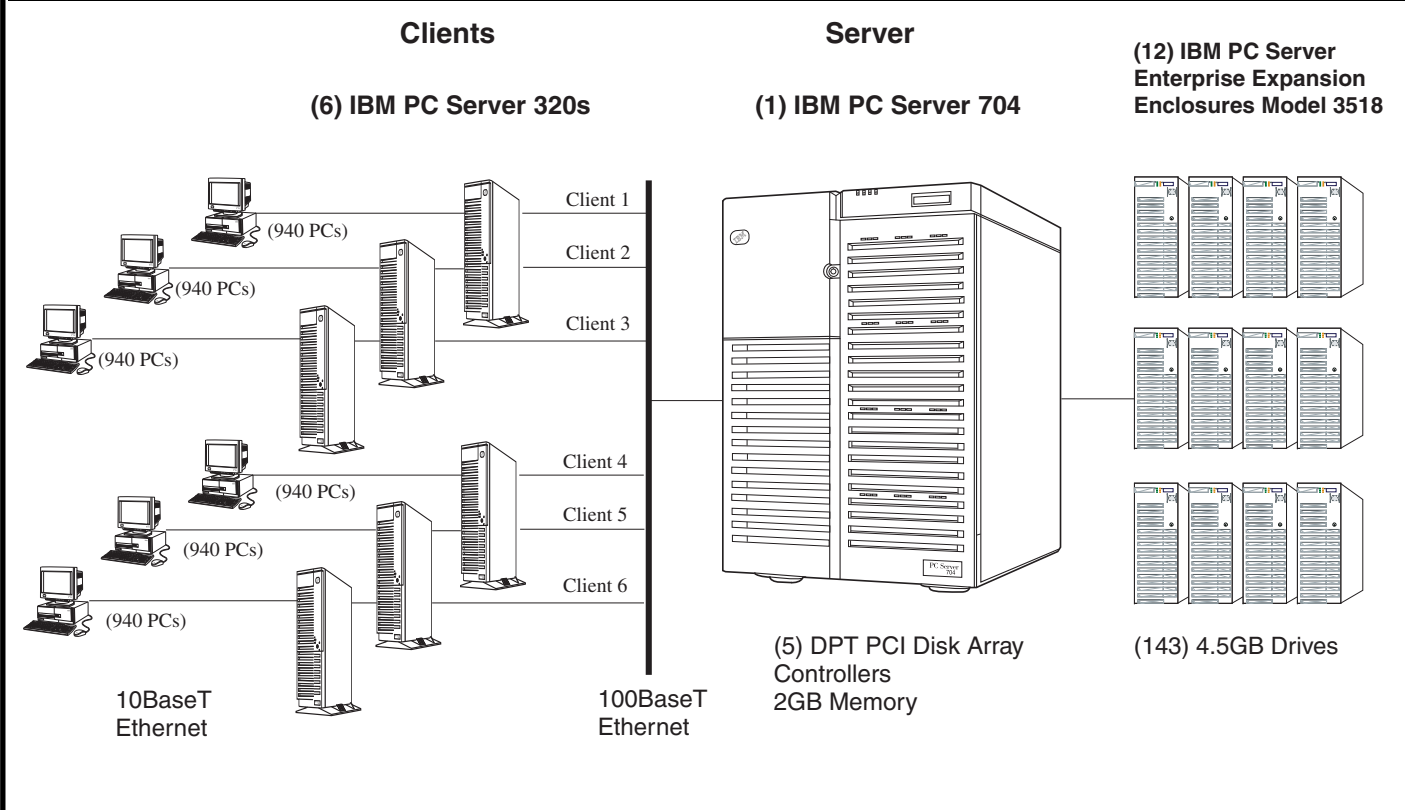


# IBM PC Server 704

TPC-C-C Rev 3.2.2

Report Date: Dec. 23, 1996

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date	
<b>\$587,986</b>	<b>6679.50tpmC</b>	<b>\$88.00/tpmC</b>	<b>Hardware/OS: Now Oracle7: 30 May 1996</b>	
Processors	Database Manager	Operating System	Other Software	Number of Users
<b>4 - 200MHz Pentium® Pro</b>	<b>Oracle7 v. 7.3.3</b>	<b>SunSoft Solaris 2.5.1</b>	<b>Tuxedo /T V4.2.2 ProWorks C++ V4.01</b>	<b>5640</b>



System Components	Qty	Server	Qty	Clients
Processors	4	200MHz Pentium Pro 512KB Level 2 Cache	6	IBM PC Server 320 133MHz Pentium
Memory	1	2048MB	6	256MB
Disk Controllers	5	DPT PCI SCSI Disk Controller	6	SCSI-2 F/W PCI Adapter
Disk Drives	143	IBM 4.5GB SCSI-2 F/W Hot-Swap Drives	6	2.25GB SCSI-2 Drive
Total GB of Storage		643.5		
Tape Drives	1	IBM 4/10GB 4mm DAT		
Terminals	1	15-inch Display	6	15-inch Display
Terminal Connectivity			240	AccuLAN 10Mbps 24-Port Ethernet Hubs

Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 Yr. Maint. Price
<b>Server Hardware</b>		<b>Brand Pricing</b>				
IBM PC Server 704	8650-4MO	1	13,696	1	\$13,696	4,800
2 Pentium Pro 200MHz Processor Boards					0	0
1 Pentium Pro 200MHz Processor					0	0
128MB ECC Memory					0	0
PC Server 704 SMP 200MHz Processor Upgrade	94G6678	1	2,544	3	7,632	0
128MB Memory Option	94G6682	1	3,989	16	63,824	0
DPT PCI SCSI Disk Controller	PM3334/W	3	946	5	4,730	0
DPT Dual-Channel Expansion Module	SX4030/2W	3	452	5	2,260	0
IBM PC Server Expansion Enclosure	3518001	1	2,016	12	24,192	11,520
IBM PC Server Hot-Swap Backplane III	70G9855	1	176	12	2,112	0
3-Meter Cable Option	94G5567	1	64	12	768	0
Backplane to Backplane Cable	94G4070	1	43	12	516	0
IBM SCSI-2 Fast/Wide Hot-Swap Drive Tray III	70G9860	1	85	143	12,155	0
SCSI-2 Fast/Wide 4.5GB Hot-Swap Drive	94G6489	1	1,322	143	189,046	0
IBM PC Server 500 Power Supply Upgrade	70G9739	1	170	12	2,040	0
IBM 100/10 PCI Ethernet Adapter	25H4374	1	159	1	159	0
IBM G-50 LV-N 15-Inch Color Monitor	6543301	1	382	1	382	236
4/10GB 4mm DAT Tape Drive	74G8631	1	1,299	1	1,299	594
					<b>\$324,811</b>	<b>\$17,150</b>
<b>Server Software</b>						
Solaris Workgroup Server Version 2.5.1	251CDBWGS	SunSoft	769	1	769	4,200
Oracle7 Workgroup Server v. 7.3.3		Oracle	29,233	1	29,233	29,233
					<b>Subtotal</b>	<b>\$30,002</b>
						<b>\$33,433</b>
<b>Client Hardware</b>						
IBM PC Server 320	8640-0DV	1	4,382	6	\$26,292	\$8,100
1 Pentium/133MHz, 16MB Memory		1			0	0
1 2.25GB SCSI-2 Disk Drive		1			0	0
SCSI-2 Fast/Wide PCI Adapter		1			0	0
Quad-Speed CD-ROM Drive		1			0	0
Select 32MB SIMMs	92G7205	1	372	48	17,856	0
IBM 100/10 PCI Ethernet Adapter	25H4374	1	159	12	1,908	0
IBM G50 LV-N Color Monitor (15-inch)	6543301	1	382	6	2,292	1,416
					<b>Subtotal</b>	<b>\$48,348</b>
						<b>\$9,516</b>
<b>Client Software</b>						
Solaris Workgroup Server Version 2.5.1	251CDBWGS	SunSoft	769	6	4,614	\$25,200
ProWorks C++ 4.01	PWX-C++4.0-S1	SunSoft	902	1	902	\$2,846
Tuxedo /T Version 4.2.2			1,200	6	7,200	5,400
					<b>Subtotal</b>	<b>\$12,716</b>
						<b>\$33,446</b>
<b>Terminal Connectivity</b>						
AccuLAN 10Mbps 24-Port Ethernet Hub (10% spares)	AL-HUB24L	1	282	264	74,448	0
AsanteFast 100Mbps 12-port Stackable Hub (2 spares)	990035200	1	1,372	3	4,116	0
					<b>Subtotal</b>	<b>\$78,564</b>
						<b>\$0</b>
<b>Total</b>					<b>\$494,441</b>	<b>\$93,545</b>

<b>Notes</b> 1 - The Gibraltar Computer Group 2 - Oracle Corp. 3 - Distributed Processing Technology; 4 - BEA Systems	<b>Five-Year Cost of Ownership:</b>	\$587,986
	<b>tpmC Rating:</b>	6679.50
	<b>\$ / tpmC:</b>	\$88.00