Compaq Computer Corporation	ProLiant 6500-PDC/O1000 C/S with 4 ProLiant 1850R	TPC-C Rev. 3.4
		Report Date: May 6,1998

Total System Cost	TPC-C Throughput	Price Performance	Availability Date
$1,619,127	**40077.233 tpmC**	**$40.40**	**May 6, 1999**

Processors	Database Manager	Operating System	Other Software	Number of Users
16 Pentium Xeon ® 500MHz	ORACLE8 Enterprise Server v8.0.5.1	Windows NT Enterprise v4.0	MKS Toolkit for Windows NT, Compaq (Digital) DB Web Connector v1.1	**33600**
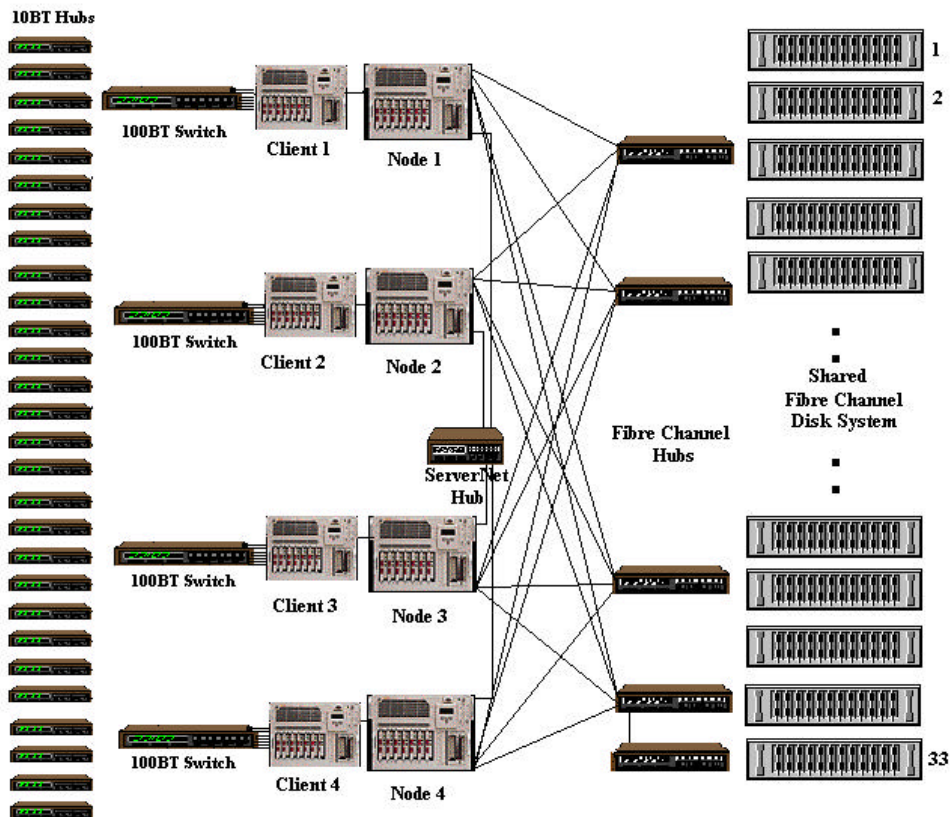
4 Node Priced System

System Components	Server Quantity	Server Description	Clients Quantity	Clients Description
Processor	16	Pentium Xeon/500MHz 2048K Cache	8	Pentium II 6/450
Memory	4	3.25 GB	4	512 MB
Disk Controllers	16	Fibre Channel Host Adapter	4	Integrated Fast-SCSI-2 Controller
	33	Fibre Channel Enclosure & Array Controller		
Disk Drives	8	4.3 GB SCSI Drive	4	4.3GB Drive
	344	9.1GB SCSI Drive		
	32	18.2 GB SCSI Drive		
Total Storage		3540 GB		
Tape Drives	1	4/8 GB DAT drive		

Compaq Computer Corporation	ProLiant 6500-PDC/O1000-5 Client/Server	TPC-C Rev. 3.4	
		Report Date:	6-May-99

Description	Part Number	Third Party Brand	Pricing	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware							
ProLiant 6500-6/500-2, 512MB RAM	112726-001		1	22,960	4	91,840	
2-Pentium Xeon /500MHz - 2MB Cache							
10/100 NIC, 2x SCSI, CD ROM							
ProLiant Xeon 500 - 2MB Processor Kit	328978-B21		1	6,720	8	53,760	
1024-MB EDO Memory Kit (4x256M) 50ns	328583-B21		1	6,091	12	73,087	
Fibre Channel Host Adapter Kit	223180-B21		1	1,792	16	28,672	
Fibre Channel Enclosure & Array Controller,RM	223100-001		1	6,078	33	200,582	
Fibre Channel Storage Hub 12	295573-001		1	5,935	5	29,674	
4.3 GB Pluggable Fast-SCSI-2 -	146742-005		1	559	8	4,471	
9.1 GB Pluggable SCSI-3 Drive - 10K RPM 1"	336357-B21		1	940	344	323,250	
18 GB Pluggable SCSI-3 Drive - 10K RPM	336358-B21		1	1,706	32	54,584	
Compaq ServerNet PCI Adapter	309833-B21		1	918	4	3,674	
Compaq ServerNet Switch - 6 Port	327337-001		1	3,091	1	3,091	
Compaq VGA V55 - 15" Color Monitor	308006-001		1	240	4	959	
Compaq Rackmount UPS M1500	242704-001		1	1,030	2	2,061	
4/8GB DAT Drive	295353-B21		1	782	1	782	
Compaq Rack 42u	165664-001		1	1,680	4	6,720	
ProLiant Enterprise Server - Parts Exchange - 1 Year	FM-HEPRT-12		1	597	8		4,776
ProLiant Storage System - Parts Exchange - 1 Year	FM-STPRT-12		1	255	66		16,830
Onsite 5x8 4 Hr Service Upgrade to Compaq Standard offering		Allstar	1				87,721
					Subtotal	877,206	109,327
Server Software							
Oracle OPS v 8.05		Oracle	2	260,432	1	260,432	260,432
MKS Toolkit for NT		MKS	1	499	4	1,996	5 Yr WTY
Microsoft Windows NT Enterprise v. 4.0		Microsoft	1	3,999	4	15,996	Incl Above
					Subtotal	278,424	260,432
Client Hardware							
ProLiant 1850R 6/450-1 - 64MB,100TX Nic	328970-001		1	3,780	4	15,120	
ProLiant 1850R 6/450 Processor Option Kit	313618-B21		1	1,343	4	5,372	
64-Megabyte SD DIMM Kit	313614-B21		1	408	4	1,631	
128-Megabyte SD DIMM Kit	313615-B21		1	866	12	10,389	
Compaq VGA V55 - 15" Color Monitor	308006-001		1	240	4	959	
Netelligent Dual Port 10/100 PCI NIC	242559-001		1	263	16	4,211	
4.3GB Wide Ultra2 SCSI Hard Drive	349525-B21		1	391	4	1,564	
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12		1	259	8		2,072
Onsite 5x8 4 Hr Service Upgrade to Compaq Standard offering		Allstar	1				3,924
					Subtotal	39,245	5,996
Client Software							
Microsoft Windows NT Server v. 4.0		Microsoft	1	809	4	3,236	Incl. Above
Microsoft Visual C++		Microsoft	1	499	1	499	Incl. Above
Compaq (Digital) DBWeb Connector v1.1				1,900	4	7,600	640
					Subtotal	11,335	640
User Connectivity							
3Com Superstack II 24 Port 10/100 Switch		3Com	1	1,110	6	6,660	See Note 1
8-port 10BaseT hub		Generic	1	29.00	4673	135,517	See Note 1
					Subtotal	142,177	0
Large Purchase and Cash discount	9.0%		1			($95,277)	($10,379)
					Total	$1,253,111	$366,016

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 pricing 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.

Five-Year Cost of Ownership: $1,619,127

tpmC Rating: 40,077.23

$ / tpmC: $40.40

Pricing: 1=Allstar Systems 2=Oracle

Note 1 = 5 Year warranty with 10% Spares - Note 2 =

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

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput			**40077.233 tpmC**
% throughput difference, reported & reproducibility runs			0.03%

Response Times (in seconds)	**Average**	**90%**	**Maximum**
New-Order	0.482	0.813	7.854
Payment	0.497	0.798	7.502
Order-Status	0.392	0.672	7.178
Delivery (interactive portion)	0.286	0.308	3.419
Delivery (deferred portion)	0.587	1.172	8.312
Stock-Level	1.444	2.305	10.632
Menu	0.215	0.300	3.607

Transaction Mix, in percent of total transaction

New-Order	44.982%
Payment	43.004%
Order-Status	4.005%
Delivery	4.005%
Stock-Level	4.004%

Emulation Delay (in seconds)	**Resp.Time**	**Menu**
New-Order	0.10	0.10
Payment	0.10	0.10
Order-Status	0.10	0.10
Delivery (interactive)	0.10	0.10
Stock-Level	0.10	0.10

Keying/Think Times (in seconds)	**Min.**	**Average**	**Max.**
New-Order	18.000/0.000	18.001/14.004	18.089/139.904
Payment	3.000/0.000	3.004/12.004	3.055/119.002
Order-Status	2.000/0.000	2.002/10.006	2.090/99.335
Delivery (interactive)	2.000/0.000	2.002/5.000	2.087/48.113
Stock-Level	2.000/0.000	2.002/5.008	2.090/49.296

Test Duration

Ramp-up time	27 minutes 40 sec
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	2,672,862
Ramp down time	2 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes