Compaq Computer Corporation	ProLiant 4500 5/133 Model 2 C/S with Five ProSignia 300	TPC-C Rev. 3.0
		Report Date: Apr 05 1996

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
$537,508.00	**3641.17 tpmC**	**$147.62**	**June 1996**

Processors	Database Manager	Operating System	Other Software	Number of Users
4 Pentium 133 MHz	Microsoft SQL Server 6.5	MS Windows NT 4.0	Visigenic ODBC Library for SCO Unix	**3,500**

700 PCs — Client 1
700 PCs — Client 2
700 PCs — Client 3
700 PCs — Client 4
700 PCs — Client 5

Compaq ProLiant 4500 5/133 Model 2

1x 4.2GB Hot-Pluggable Drive (INTERNAL)

5x Compaq SMART SCSI Array Controllers

2x Compaq UPS Model 2000

9x Compaq Enhanced ProLiant Storage Systems

Total of 62 4.2GB Hot-Pluggable Drives (EXTERNAL)

Ethernet
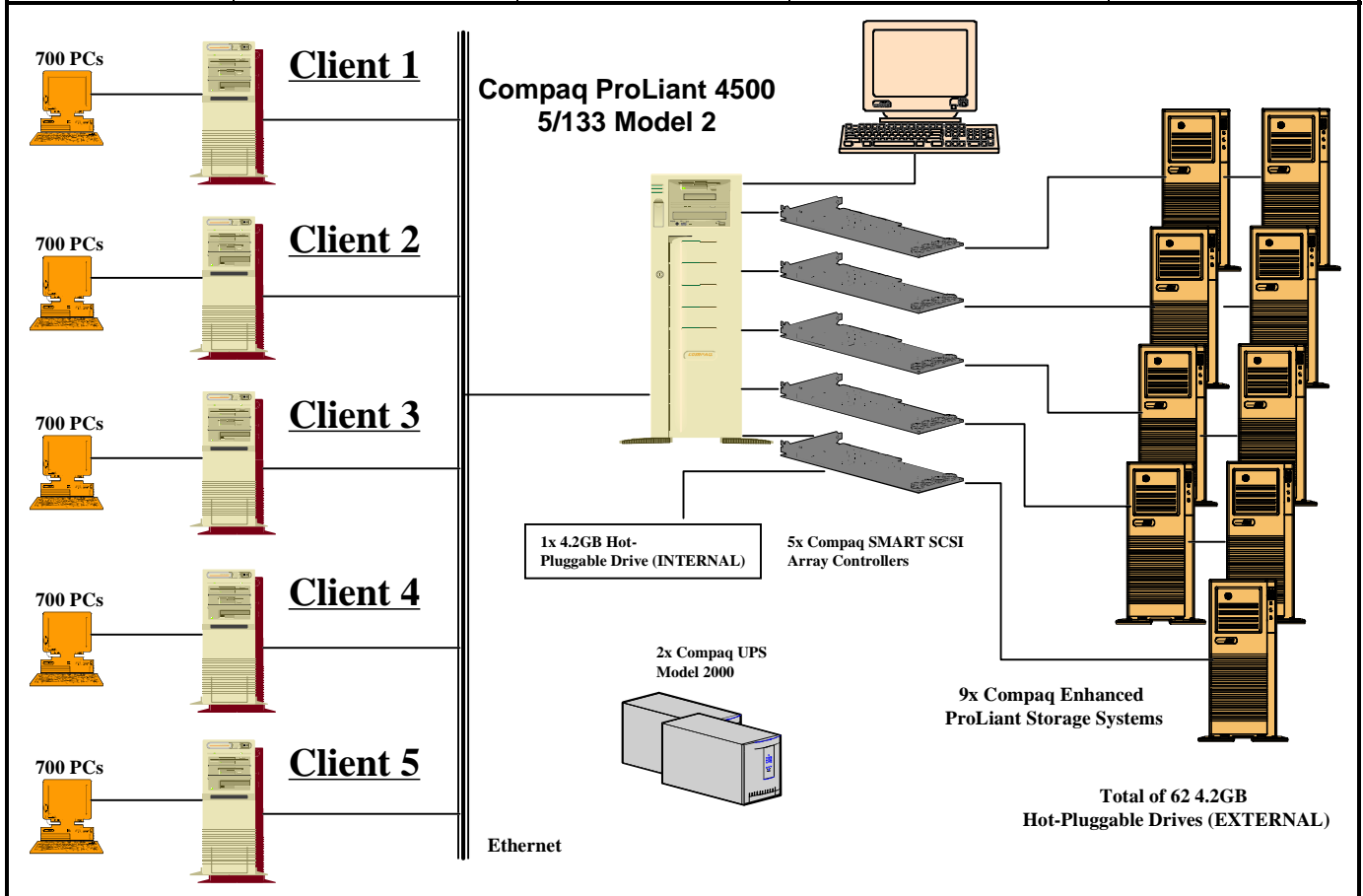
System Components	Server		Clients	
	Quantity	Description	Quantity	Description
Processor	4	133Mhz Pentium with 2MB Level 2 Cache	5	90mhz Pentium
Memory	1	1024MB	5	208MB
Disk Controllers	5	SMART-2/E Array Controller	5	Integrated Fast-SCSI-2 Controller
Disk Drives	63	4.2GB Pluggable SCSI-2 Drive	5	1.05GB SCSI-2 Drive
Total Storage		264.6GB		5.25GB
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation Microsoft SQL Server for Windows NT	Compaq ProLiant 4500 - 5/133 Model 2				TPC-C Rev 3.0 Apr. 05, 1996		
HARDWARE	**Part #**	**Unit Price**	**Qty**	**Ext. Price**	**Service Costs** **Rate/Unit**	**5Yr Maint**	**TOTAL** **Item Cost**
**Database Server**							
ProLiant 4500 5/133 Model 2	213420-004	$14,149.00	1	$14,149.00	$0.00 /5yr	$7,075.00	$21,224.00
2 x Pentium/133MHz System Processor Board							
64 MB of RAM							
NetFlex ENET-TR Controller							
Integrated Fast-SCSI-2 Controller							
CD-ROM							
SmartStart							
Compaq System Configuration Utility							
**Processors**							
5/133 ProLiant System Processor Board	213416-001	$4,787.00	2	$9,574.00	$0.00 /5yr	$4,787.00	$14,361.00
**Memory**							
128-Bit SIMM Expansion Board	188874-001	$311.00	1	$311.00	$0.00 /5yr	$156.00	$467.00
256-Megabyte Memory Kit (4x64MB / 70ns)	188056-001	$13,830.00	4	$55,320.00	$0.00 /5yr	$27,660.00	$82,980.00
**Storage**							
SMART-2 SCSI Array Controller	194751-001	$2,106.00	5	$10,530.00	$0.00 /5yr	$5,265.00	$15,795.00
Enhanced ProLiant Storage System	189600-001	$1,148.00	9	$10,332.00	$0.00 /5yr	$5,166.00	$15,498.00
4.2-GB Pluggable SCSI-2 Drive	146742-006	$1,286.00	63	$81,018.00	$0.00 /5yr	$40,509.00	$121,527.00
4/16-GB TurboDAT Drive	142181-001	$1,032.00	1	$1,032.00	$0.00 /5yr	$516.00	$1,548.00
**Clients**							
ProSignia 300 5/90	188360-002	$2,690.00	5	$13,450.00	$0.00 /5yr	$6,725.00	$20,175.00
16MB of RAM							
Onboard Ethernet NIC							
1.05GB disk drive							
64 MB Mem Expansion Kit (2x32) (70ns)	148191-001	$2,979.00	15	$44,685.00	$0.00 /5yr	$22,343.00	$67,028.00
SysTech EtherPlex NIC (2048-user version)	N/A	$3,500.00	5	$17,500.00	$0.00 /5yr	$8,750.00	$26,250.00
**Misc. Compaq Items**							
Compaq VGA Monochrome Monitor	194951-001	$190.00	6	$1,140.00	$0.00 /5yr	$570.00	$1,710.00
Compaq Uninterruptible Power Supply M2000	142228-003	$1,112.00	2	$2,224.00	$0.00 /5yr	$1,112.00	$3,336.00
**Communications**							
HTI Ultra Slimline HUB - 24 Port + 10% Spares	N/A	$280.00	167	$46,760.00		5 yr warranty	$46,760.00
SOFTWARE							
Microsoft Windows NT Server v. 4.01	N/A	$695.00	1	$695.00	$0.00 /5yr	Inc. below	$695.00
Microsoft SQL Server 6.5 plus User License (Unlimited)	N/A	$24,999.00	1	$24,999.00	$0.00 /5yr	$10,475.00	$35,474.00
SCO Open Server Host System (5 User)	108679-001	$490.00	5	$2,450.00	$0.00 /5yr	$12,000.00	$14,450.00
SCO OpenServer 1000 User Additional License	108688-001	$7,047.00	5	$35,235.00	$0.00 /5yr	Inc Above	$35,235.00
SCO Development System	108681-001	$495.00	1	$495.00	$0.00 /5yr	Inc Above	$495.00
Visigenic ODBC Library for SCO Unix	N/A	$2,500.00	5	$12,500.00	$0.00 /5yr	Inc Above	$12,500.00
CONFIGURATION TOTALS				$384,399.00		$153,109.00	$537,508.00

Total 5 Year Cost: **$537,508.00**

TPC-C Throughput: **3641.17**

$$$/tpm-C: **$147.62**

Note: The results of the benchmark and test methodology used to produce

the results were audited by Lorna Livingtree of Performance Metrics, Inc.