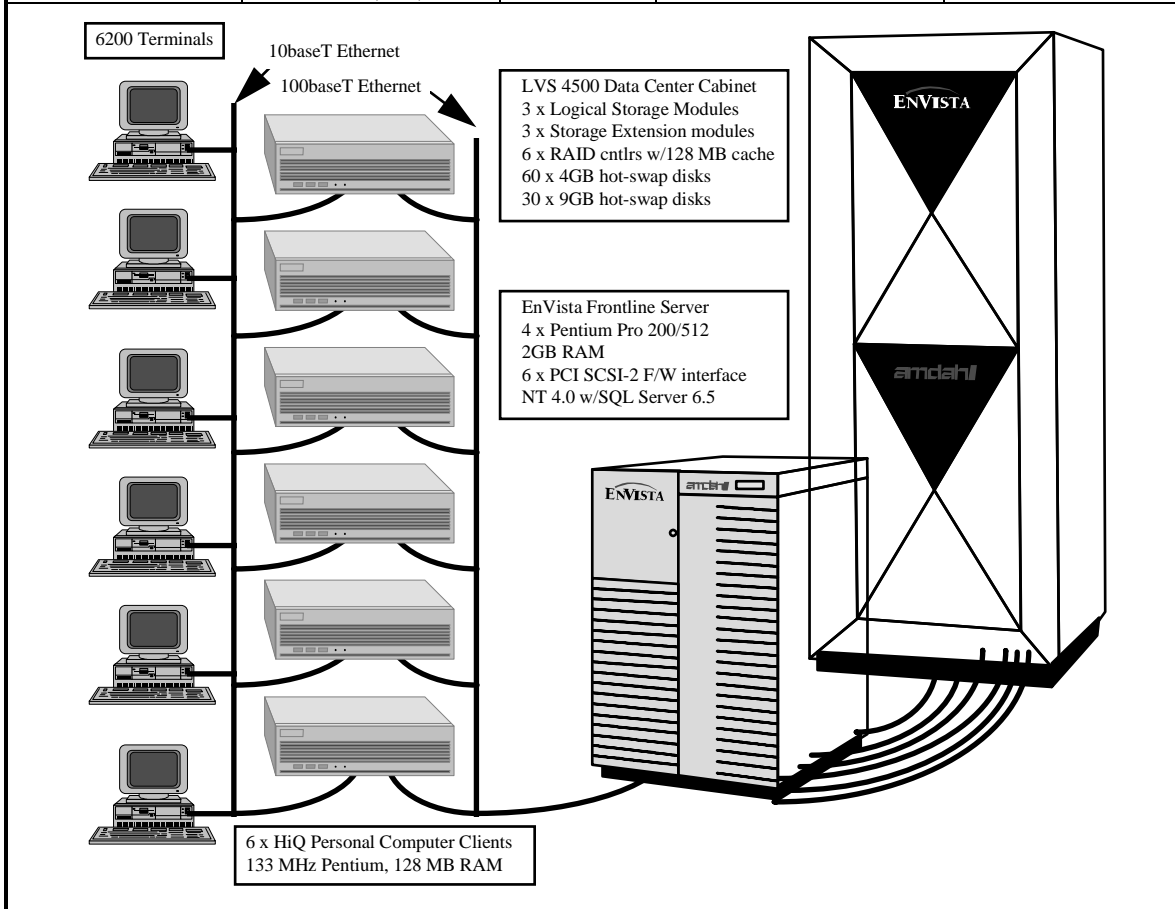


Amdahl Corporation		EnVista Frontline Server™		TPC-C Rev 3.2 Report Date March 25, 1997	
Total System Cost		TPC-C Throughput	Price/Performance		Availability Date
\$593,988		7573 tpmC	\$78.43 /tpmC		March 31, 1997
Processors	Database Manager	Operating System	Other Software		Number of Users
4 200-MHz Pentium® Pro Processors	Microsoft SQL Server 6.5 SP 3 (246)	Microsoft Windows NT 4.0	Microsoft Internet Information Server Microsoft Visual C++		6200



System Component	Server		Clients	
Processors	4	Pentium® Pro Processor 200MHz	1	Pentium® 133MHz
Cache		512KB		256KB
Memory		2048MB		128MB
Disk Controllers	7	4 SCSI-2 Differential 1 SCSI-2 Diff (twintail) 2 Adaptec 7880	1	Adaptec 2940UW PCI
Disk Drives	36	9 GB	1	2 GB
	61	4 GB		
Total Storage	97	568 GB	1	2 GB
Other	1	CD-ROM	1	CD-ROM

Amdahl Corporation	EnVista Frontline Server		TPC-C REV 3.2 EXECUTIVE SUMMARY			
	Client/Server		PAGE 2 OF 2			
Report Date: 28-February-1997						
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware						
EnVista Base Cabinet	NVISTA-FS-4001		\$6,927	1	6,927	5,160
200MHz/512KB Envista	NVISTA-FS-2654		\$8,644	1	8,644	1,920
2 GB Memory	NVISTA-FS-2661		\$32,004	1	32,004	16,020
PRO 100B PCI NIC	NVISTA-FS-2683		\$84	1	84	300
SCSI-2 Differential Adapter	NVISTA-FS-2689		\$639	4	2,558	1,200
SCSI-2 Differential Adapter (twin-tailed)		Adaptec	\$998	1	998	300
Monitor 15"	NVISTA-MON-2720		\$441	1	441	600
SVGA Adapter	NVISTA-SVGA-2721		\$227	1	227	240
Keyboard/Mouse	NVISTA-KBD-2722		\$81	1	81	0
CD-ROM	NVISTA-FS-2668		\$265	1	265	240
Tape Backup	NVISTA-FS-2704		\$1,459	1	1,459	480
4 GB hot-swappable disks	NVISTA-FS-2659		\$1,298	1	1,298	480
9 GB hot-swappable disks	NVISTA-FS-2660		\$2,158	6	12,948	7,200
SUB-TOTAL					67,934	34,140
Server Software						
NT 4.0 Serverw/10 CAL	NVISTA-WN4020-0109		\$854	1	854	0
SQL Server 6.5 w/5 CAL (*)	NVISTA-SQL655-0299		\$1,399	1	1,399	10,475
Internet Connector License		Microsoft	\$2,999	1	2,999	0
SUB-TOTAL					5,252	10,475
Storage						
LVS 4500 Logical Storage Module	4500-001-8120		\$0	3	0	57,600
288 MB Intelligent Memory	4500-001-7383		\$13,539	3	40,617	0
Data Center Cabinet	4500-001-7371		\$3,115	1	3,115	0
Storage Expansion Module	4500-001-7410		\$2,485	3	7,456	14,400
SCSI Host Interface Cable (10 ft)	4500-001-8432		\$85	6	510	0
UPS	EXIDE-UPS2D-6450		\$2,651	1	2,651	2,400
9 GB hot-swappable Disk Drives (20 count)	4500-001-7989		\$77,377	1	77,377	0
9 GB hot-swap Extension Disks	4500-001-7944		\$2,958	10	29,579	0
4 GB hot-swappable Disk Drives (20 count)	4500-001-7405		\$49,090	2	98,179	0
4 GB hot-swap Extension Disks	4500-001-7444		\$1,544	20	30,870	0
SUB-TOTAL					290,354	74,400
Client Hardware						
1P 133 MHz Pentium **			\$3,999	8	31,992	
2 GB disk						
128 MB memory						
PRO 100B 10/100 baseT NIC (2)						
8X CD-ROM						
SVGA Adapter						
Keyboard/mouse/15" monitor						
SUB-TOTAL					31,992	
Client Software						
NT 4.0 Server w/10 CAL		Microsoft	\$854	6	5,124	
SQL Server Pgmr Toolkit		Microsoft	\$499	1	499	
Visual C++ V 4.0		Microsoft	\$499	1	499	
SUB-TOTAL					6,122	0
User Connectivity						
NETLUX 100baseT Hub **	8-port hub	NETLUX	\$595	3	1,785	
NETLUX 10baseT 24-port Hub **	24-port hub	NETLUX	\$251	285	71,535	
SUB-TOTAL					73,320	0
TOTAL					\$474,973	\$119,015
(*) Maintenance of Microsoft software products is covered by the SQL Server maintenance					Five-Year Cost of Ownership: \$593,988	
(**) 5-year warranty with 10%-spares						
Price sources: 1=Amdahl 2=Microsoft 3=HIQ Computers 4=Netlux					tpmC Rating: 7573.00	
Audited by Tom Sawyer of Performance Metrics, Inc					\$ / tpmC: 78.43	
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 terms, please inform the TPC at pricing@tpc.org.						

MQTh, computed Maximum Qualified Throughput 7573 tpmC
 % throughput difference, reported & reproducibility runs 0.4%

Response Times (90th percentile | Average | Maximum) in seconds

- Neworder	1.2	0.7	6.6
- Payment	1.1	0.6	3.5
- Order Status	1.8	1.3	7.2
- Delivery (interactive portion)	0.3	0.3	0.8
- Delivery (deferred portion)	1.4	1.2	14.4
- Stock-Level	3.6	2.4	8.5
- Menu	0.3	0.2	0.9

Response time delay added for menu delay 0.1

Response time delay added for response time delay 0.1

Transaction Mix, in percent of total transactions

- New-Order	44.7 %
- Payment	43.1 %
- Order-Status	4.1 %
- Delivery	4.1 %
- Stock-Level	4.1 %

Keying/Think Times (in seconds),

	Min		Average		Max	
- New-Order	18.0	0	18.0	12.1	18.1	120.8
- Payment	3.0	0	3.0	12.1	3.0	120.7
- Order-Status	2.0	0	2.0	10.2	2.0	100.7
- Delivery	2.0	0	2.0	5.1	2.0	50.7
- Stock-Level	2.0	0	2.0	5.1	2.0	44.8

Test Duration

- Ramp-up time	25 minutes
- Measurement interval	30 minutes
- Number of checkpoints	1
- Checkpoint interval	30 minutes
- Number of transactions (all types) completed in measurement interval	508,268

(and all other numerical quantities required in the Full Disclosure Report)