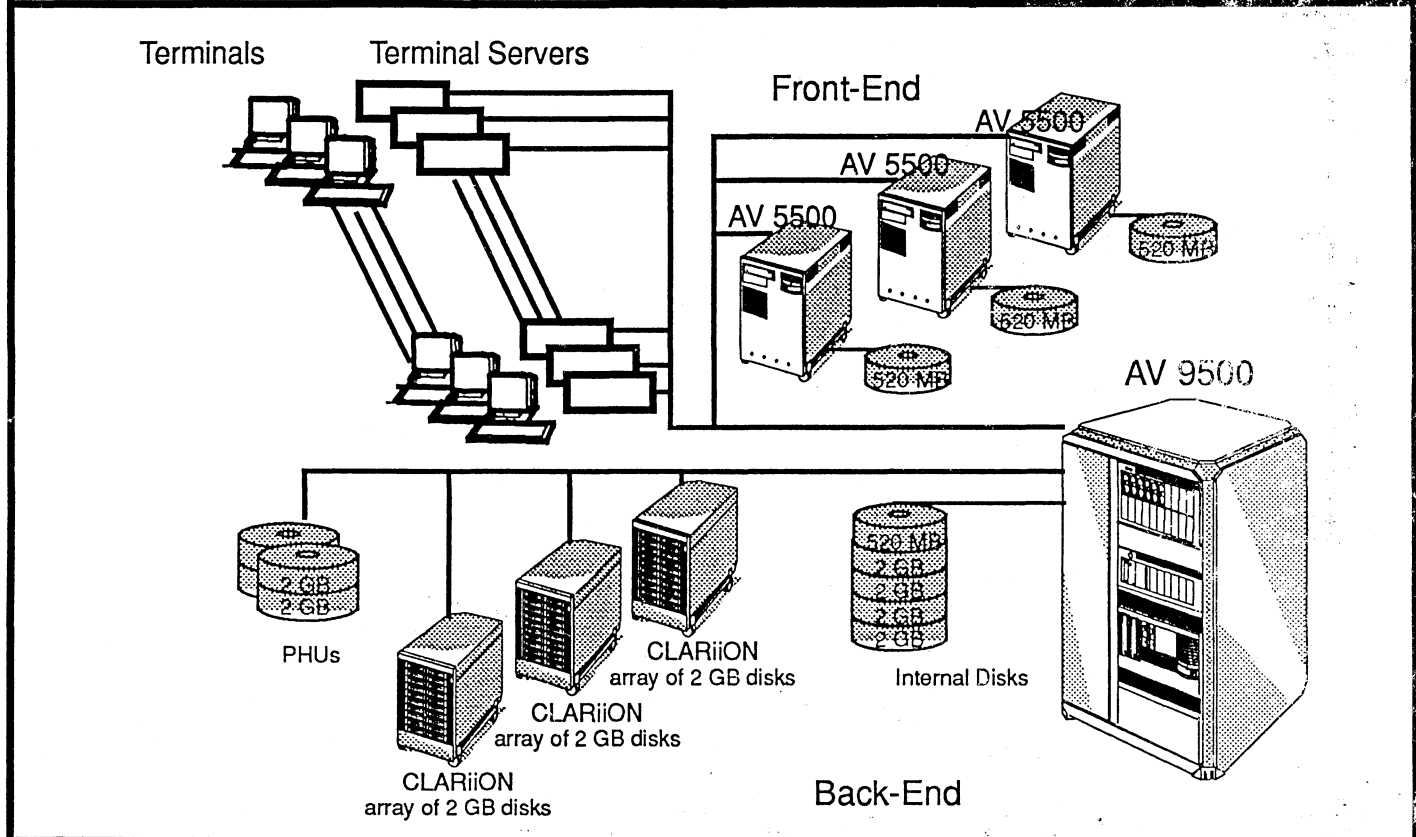


Data General Corporation	AViiON AV 9500 Client/Server Configuration	TPC-A Rev. 1.2
		Report Date: Dec. 23, 1993

Total System Cost	TPC-A Throughput	Price / Performance
\$ 2,804,905	523.64 tpsA	\$ 5,357 per tpsA

Processors	Database Manager	Operating System	Other Software	Number of Users
Back-End 1x8 Motorola 88110 @ 50MHz Front-End 3x2 Motorola 88110 @ 40MHz	ORACLE7 7.0.15.4 Relational	DG/UX 5.4 Rev 3.00	Front-End DG/UX 5.4 Rev 2.10	5390



Components	Back-End Server: AV 9500		Front-End Clients: AV 5500	
	Qty		Qty	
Processors	1	x 8 Motorola 88110 @ 50MHz	3	x 2 Motorola 88110 @ 40MHz
Memory		128 MB		128 MB
Disk Controllers	4	SCSI-2 Daughter Cards	3	Built-in Single Channel SCSI 2
Internal Disks	5	One 520 MB & four 2 GB	3	520 MB (one for each front-end)
External Disks	3	CLARiiON disk arrays holding 116 GB		
	2	PHUs holding two 2 GB disks each		
Total GB of Storage		122.52 GB		1.56 GB
Tape Drive			1	320/525 MB QIC
CD-ROM	1	CD-ROM	2	CD-ROM
Terminals	2	14" Data General terminals	3	14" Data General terminals
Terminal Connectors			5390	Liberty Freedom 1 terminals
Network Hardware	1	Ethernet controller, drop cable, and transceiver	85	T/S Annex Three, 64-Port AUI
			1	Ethernet transceiver cable and Lan transceiver

Qty	Model	Description	Unit Price	Extended Price	Discount Price	5yr. Price	Main. Price
1	G70596-AF	AV9500 Dual, 128MB, 520MB Disk, CD-ROM	79,995	79,995	66,396	16,262	
4	G6841-L	2 GB SE SCSI Add-In Uni-Processor Disk	4,800	19,200	15,360	2,957	
3	79100R-E	CLARiiON Rackmount Chassis w/ SP	19,500	58,500	46,800	6,653	
58	79002-H	2 GB Disk Modules for CLARiiON Array	5,200	301,600	241,280	0	
6	79002-H	2GB Disk Modules for CLARiiON Array - Spares	5,200	31,200	24,960	3,326	
2	G6693W-XA	D1400I 14" Terminal with Keyboard	525	1,050	798	444	
2	G6843-A	2GB Disk, PHU	8,300	16,600	13,280	1,771	
2	G6841-E	2GB Disks for PHU	4,800	9,600	7,680	1,478	
3	79151	Second Storage Processor	9,850	29,550	23,640	2,218	
1	7434	I/O Channel Ctlr for Universal	7,500	7,500	6,000	1,663	
1	7040-A	AV8500/9500 Dual CPU board	23,000	23,000	19,090	6,468	
4	7435	2-SCSI Daughter Card, SE/DIFF SCSI-UNI	2,000	8,000	6,400	554	
1	US9548B	UPG. AV9500 Quad to AV9500 8-Way CPU	46,000	46,000	38,180	0	
1	US9588A	Upgrade to 50 Mhz	50,000	50,000	41,500	0	
1	G11322-G7	Gray Peripheral Cabinet, 72"x 23"	3,325	3,325	3,325	0	
1	G11221-G7	Gray CPU Cabinet, 72"x 34"	3,325	3,325	3,325	0	
1	M041AZN22N	DG/UX Start-up Doc Package	100	100	100	0	
1	Q001ASY40	DG/UX Operating System Right to Copy SSS	0	0	0	3,465	
1	Q001APY1BD	DG/UX Operating System 16 User Lic/sw	3,200	3,200	2,592	0	
1	R057AZN48A	AV Disk Array Microcode Installer MSS	0	0	0	1,815	
3	1340	EIA RS-232-C Cable	30	90	90	0	
2	15396E015	UNIVS 88 OHM Champ50 To Champ50 15' cable	130	260	260	0	
4	15396E010	10' Host To Peripheral Chassis Cable	125	500	500	0	
2	15396E005	5' Host To Peripheral Chassis Cable	100	200	200	0	
1	EBA1ADZ1CA	Unlimited User ORACLE RDBMS	153,600	153,600	118,211	92,160	
1	EBB1ADZ1CA	Unlimited User ORACLE Procedural Option	30,720	30,720	23,642	18,432	
1	ORACLE	ORACLE OCI Manual	50	50	50	0	
<b>Back-End Hardware &amp; Software Subtotal</b>				<b>877,165</b>	<b>703,659</b>	<b>159,666</b>	
3	G70612	AV5500, 32 MB Mem, 520 MB disk, CD-ROM	14,490	43,470	34,776	9,315	
3	R7318	AV550/5500 Replace 32 MB Memory with 64 MB	4,000	12,000	9,600	0	
3	7035	AV550/5500 64 MB Memory Package	9,600	28,800	23,040	0	
3	7033	AV550/5500 40 MHz 2nd CPU Complex	8,500	25,500	20,400	4,989	
1	GR7317	Replace CD-ROM with 525MB QIC Tape	505	505	404		
3	G6693W-XA	D1400I 14" Terminal with Keyboard	525	1,575	1,197	666	
3	40028	1 Meter AUI Cable	50	150	150	0	
3	4540-B	IEEE 802.3 Transceiver with Vampire Tap	350	1,050	936	669	
1	Q001ASX40D	DG/UX Operating Sys SSS	0	0	0	2,442	
2	Q001ASX40D	DG/UX Operating System Right to Copy SSS	0	0	0	2,442	
3	Q001AVX9XN	DG/UX Operating Sys Upgrade to Unlimited	17,500	52,500	42,525	0	
3	Q001AGX1BD	DG/UX Operating Sys 8-User SW Lic	1,000	3,000	2,430	0	
<b>Front-End Hardware &amp; Software Subtotal</b>				<b>168,550</b>	<b>135,458</b>	<b>20,523</b>	
5390		Liberty Freedom 1 terminals	229	1,234,310	1,234,310	0	
539		Liberty Freedom 1 terminal spares	229	123,431	123,431	20,482	
85	60074R	T/S Annex Three, 64-Port AUI	4,137	351,645	351,645	0	
9	60074R	T/S Annex Three, 64-Port AUI - 10% spares	4,137	37,233	37,233	17,463	
1	4828V70	Terminal Server Annex Protocol Pack V 7.0	600	600	534	0	
3	40064	Matchbox 10 BASET XCVR AUI to RJ45 UTP	93	279	279	222	
<b>Terminal Server Hardware Subtotal</b>				<b>1,747,498</b>	<b>1,747,432</b>	<b>38,167</b>	

**Total Cost of Ownership** \$2,785,313 \$2,586,549 \$218,356  
**Five-Year Cost of Ownership** \$2,804,905  
**Tps Rating: 523.64 \$ / tpsA: \$5,357**

**Notes:** 30% discount on HW/SW services for 5-year pre-paid non-cancellable contract. ORACLE 5th year free if 4 years pre-paid. DG net prices based on Level 9 end-user Dollar Volume Agreement. Terminal and CLARiiON disk maintenance use 10% spares and maintenance on spares only.