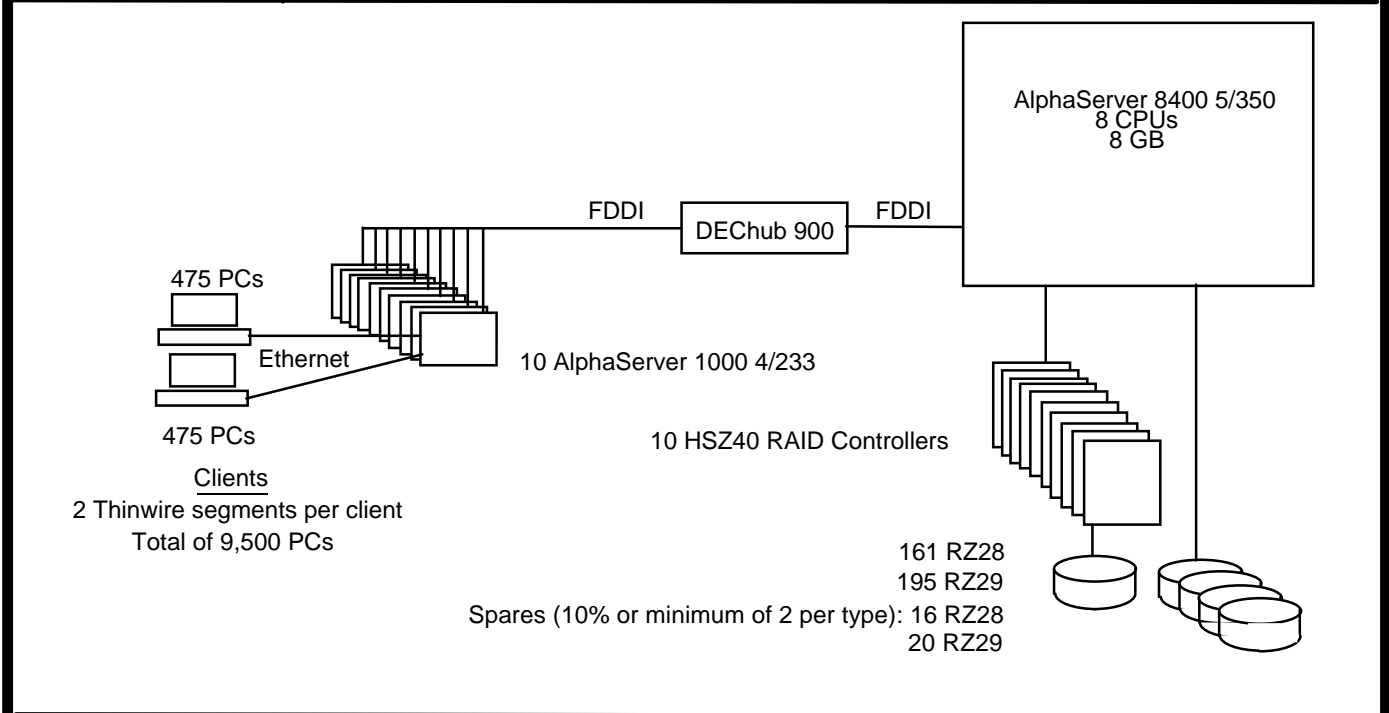


Digital Equipment Corporation and Oracle Corporation	<b>Digital AlphaServer 8400 5/350</b> <b>8 CPUs C/S and 10 AlphaServer 1000</b> <b>4/233 Front-End Systems</b>		TPC-C Rev 3.0
			Report Date: 06 Dec 1995

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
<b>\$3,274,110</b>	<b>11,456.13 tpmC</b>	<b>\$286/tpmC</b>	<b>April 30, 1996</b>

Processors	Database Manager	Operating System	Other Software	Number of Users
<b>8 350 MHz DECchip 21164</b>	<b>Oracle7 v7.3</b>	<b>Digital UNIX V3.2D-1</b>	<b>ITI TUXEDO System/T v4.2</b>	<b>9,500</b>



System Components	Server		Client (each of 10)	
	Qty	Type	Qty	Type
Database Nodes	1	AlphaServer 8400 5/350	1	AlphaServer 1000 4/233
Processors	8	350 Mhz DECchip 21164	1	233 Mhz DECchip 21064A
Cache Memory		4 MB		512 KB
Memory	4	2 GB	4	128 MB
Total Memory		8.0 GB		512 MB
Disk Controllers	10	PCI	1	PCI
Disks	161	2.1 GB RZ28 Disks	1	2.1 GB Disk
Total Disk Storage	195	4.3 GB RZ29 Disks		2.1 GB
		1,176.6 GB		
Terminals	9500	Multia Multi-Client PC		

Digital Equipment Corporation and Oracle Corporation

# Digital AlphaServer 8400 5/350 8 CPUs C/S with 10 AlphaServer 1000 4/233 Front-End Systems

TPC-C Rev 3.0

Report Date: 06 Dec 1995

	Part Num.	Unit Price	Qty	Dist. Disc.	Ext. Price	Service Level	Maint \$	# Y	5 Yrs Service	5 Year Cost
SERVER HARDWARE:										
Digital AlphaServer 8400 in-cabinet	DA-291DF-AA	455600	1	-91120	\$364,480.00	A.C.*	0	0	INC	364480
YR2-5 5x9/4HR, 8400	FM-4Z4HR-60	43968	1	0	\$43,968.00	A.C.*	0	5	INC	43968
5YR, Digital UNIX s/w, 8400 Dual Proce	FM-84DOS-60	24204	1	0	\$24,204.00	A.C.*	0	5	INC	24204
Additional Dual-CPU	754P2-AX	80000	3	-48000	\$192,000.00	A.C.*	0	5	INC	192000
2GB AlphaServer 8xxx Memory	MS7CC-FA	212600	3	-127560	\$510,240.00	A.C.*	0	5	INC	510240
48Volt Power Regulator Option	H7263-AA	8346	2	-3338.4	\$13,353.60	A.C.*	0	5	INC	13353.6
TURBO-LASER IO PORT MOD	E2052-AA	8200	1	-1640	\$6,560.00	A.C.*	0	5	INC	6560
Credit for Integrated TL I/O port MOD	E2054-AA	-11200	1	2240	(\$8,960.00)	A.C.*	0	5	INC	-8960
DEChub 900 MultiSwitch, US/JA	DMHUB-AA	3990	1	-1077.3	\$2,912.70	A.C.*	0	5	INC	2912.7
DEChub 900 Power Supply	H7894-MA	990	1	0	\$990.00	A.C.*	0	5	INC	990
6-Port Conc with Mod PMDs	DEF6M-MA	6600	2	-3564	\$9,636.00	A.C.*	0	5	INC	9636
Storage Plug-in Unit	BA655-AB	2100	2	-840	\$3,360.00	A.C.*	0	5	INC	3360
PCI PIU for 8400 System Cab	DWLPA-AA	9000	1	-1800	\$7,200.00	A.C.*	0	5	INC	7200
RZ28 2.1 GB SCSI Disk **	RZ28M-VA	1449	176	-51004.8	\$204,019.20	WWS**	0	5	INC	204019.2
RZ29 4.3 GB SCSI Disk **	RZ29B-VA	2199	215	-94557	\$378,228.00	WWS**	0	5	INC	378228
SCSI Signal Convrt-SBB (ADAPT Diff SCSI)	DWZZA-VA	502	1	-100.4	\$401.60	A.C.*	0	5	INC	401.6
PCI-HOST BUS ADAPTER (FWD)	KZPSA-BB	1995	12	-4788	\$19,152.00	A.C.*	0	5	INC	19152
600-MBYTE, 5.25" CD ROM DRIVE	RRDCD-CA	500	1	-100	\$400.00	A.C.*	0	5	INC	400
ST-SC DUAL FO CBL,MM,PP,4.5M	BN34A-4E	102	1	-20.4	\$81.60	A.C.*	0	5	INC	81.6
MIC-SC DUAL FO CBL, MM, P-P, 3M	BN34D-03	84	1	-16.8	\$67.20	A.C.*	0	5	INC	67.2
PCI TO FDDI ADPTR SAS,MMF,SC	DEFPA-AA	1195	1	-322.65	\$872.35	A.C.*	0	5	INC	872.35
SW SCSI Array Cntrl 42 Device	HSZ40-BA	6675	10	-18022.5	\$48,727.50	A.C.*	0	5	INC	48727.5
0GB SCSI CAB FOR 24 SHLF 208V	SW800-AA	6102	4	-6590.16	\$17,817.84	A.C.*	0	5	INC	17817.84
STOR SHLF/METRIC W/PS SCSI	BA350-JA	971	60	-15730.2	\$42,529.80	A.C.*	0	5	INC	42529.8
SWXXX CNTLR SHLF W/PWR	BA350-MB	1684	10	-3368	\$13,472.00	A.C.*	0	5	INC	13472
8 GB DAT W/SNAP-IN SW CARRIER	TLZ07-VA	1999	1	-539.73	\$1,459.27	A.C.*	0	5	INC	1459.27
1.0 M Cable, SCSI-2 "A"	BN21H-01	77	33	0	\$2,541.00	A.C.*	0	5	INC	2541
2.0 M Cable, SCSI-2 "A"	BN21H-02	82	27	0	\$2,214.00	A.C.*	0	5	INC	2214
5 M Cable, SCSI-3 "P" 1S/1R	BN21k-05	156	12	0	\$1,872.00	A.C.*	0	5	INC	1872
VT510, WHITE, NORTH, AMER	VT510	376	1	-101.52	\$274.48	A.C.*	0	5	INC	274.48
US/UK 108 KEYBOARD	LK411-AA	63	1	0	\$63.00	A.C.*	0	5	INC	63
Digital UNIX Alpha Base CD-ROM	QA-MT4AA-H8	314	1	-62.8	\$251.20	A.C.*	0	5	INC	251.2
CLIENT HARDWARE:										
AlphaServer 1000 4/233 Digital UNIX	PB71C-FA	9780	10	-19560	\$78,240.00	A.C.*	0	5	INC	78240
5YR 5x9/4HR, ASrvr 1000	FM-MK4HR-60	3085	10	0	\$30,850.00	A.C.*	0	5	INC	30850
5YR, Digital UNIX s/w, AS1000	FM-MKOSF-60	5153	10	0	\$51,530.00	A.C.*	0	5	INC	51530
SIMPLE TECHNOLOGIES 128 mb mem	QS-HQ1AC-HJ	6995	40	0	\$279,800.00	A.C.*	0	5	INC	279800
RZ28 2.1 GB SCSI Disk	RZ28M-VV	1579	10	-4263.3	\$11,526.70	A.C.*	0	5	INC	11526.7
PCI, 32 Bit, B. M., PC NIC	DE435-AA	179	20	-966.6	\$2,613.40	A.C.*	0	5	INC	2613.4
PCI to FDDI Adptr SAS, MMF, SC	DEFPA-AA	1195	10	-3226.5	\$8,723.50	A.C.*	0	5	INC	8723.5
14" APM CLR MON, .28mm MPR2	FR-PCXCV-GE	299	10	-299	\$2,691.00	A.C.*	0	5	INC	2691
PS/2 NORTH AMERICAN KBD	LK471-AA	75	10	-150	\$600.00	A.C.*	0	5	INC	600
Digital UNIX unlimited user license	QL-MT7AE-AA	6620	10	-13240	\$52,960.00	A.C.*	0	5	INC	52960
Digital UNIX Media and Documentation CD	QA-MT4AA-H8	314	1	-62.8	\$251.20	A.C.*	0	5	INC	251.2
Multia Multi-Client Desktop Sys.	VX47A-F3	0	9500	0	\$0.00	WWS	0	5	INC	0
DIGITAL TOTAL:										
					\$2,424,174.14					2424174.14
HTI, ULTRA SlimLine 24 PORT HUB ** Software	DEH1477 (Data C.W.)	280	436	0	\$122,080.00		0	5	INC	122080
/ITI TP Monitor Run Time License	/ITI TP Mo	6000	9	-16200	\$37,800.00	/ITI	900	5	40500	78300
/ITI TP Monitor Development License	/ITI TP Mo	7500	1	0	\$7,500.00	/ITI	1125	5	5625	13125
/ITI TP Monitor Documentation	/ITI TP Mo	295	1	0	\$295.00	/ITI	0	5	INC	295
Oracle7 RDBMS & SQL*Net Software	Oracle	336000	1	-94080	\$241,920.00	WWS	43545.6	5	217728	459648
Oracle7 64 Bit Option	Oracle	96000	1	-26880	\$69,120.00	WWS	12441.6	5	62208	131328
* Extended Warranty (M13-60) Avnet Computer	FM-WRNTY-60	33913.09	1		\$33,913.09	WWS	0	5	INC	
Hardware Installation service	Avnet	45160	1		\$45,160.00	WWS	0	5	INC	45160
CONFIGURATION TOTAL:										
		1431345.1			\$2,981,962.23				326061	\$3,274,110.14
INC = Included										tpmC= 11456.13
** 10% or minimum of 2 spares are added in place of on site service. These products have 5 years return to Vender Warranty.										\$/tpmC = \$285.80

Notes: Audited by Information Paradigm.