

Dell	P	PowerEdge 6450 Client/Server				TPC-C REV 5.0 EXECUTIVE SUMMARY PAGE 2 OF 2 Report Date: 08-Feb-02			
Description	Part Number	Third Party		Unit Price	Qty	Extended Price	3 yr. Maint. Price		
Server Hardware		Brand	Pricing						
Dell PowerEdge 6450	220-0663		1	4,346	1	4,346	1,299		
Pentium III Xeon 700 MHz / 2MB L2 - 4 processors	311-0834		1	7,845	1	7,845	-		
8 GB RAM, 16 x 512MB DIMMS	311-4118		1	7,184	1	7,184	-		
9 GB U160M SCSI 10K RPM Hard Drive	340-8088		1	249	1	249	-		
DDS4 External TBU	340-1970		1	999	1	999	-		
Dell 15" Monitor	320-0960		1	149	1	149	-		
Extreme RAID 2000 PCI SCSI 4 channel RAID controller***	08P3834	Mylex	3	1,299	5	6,495	-		
AcceleRAID 352 PCI SCSI 2 Channel RAID controller	08P2420	Mylex	3	595	1	595	-		
		, -			Subtotal	27,862	1,299		
PowerVault Disk Subsystem					_		1,200		
PV210S, U3 SCSI, PS, Rack mount	220-4099, etc.		1	2,299	13	29,887	9,100		
SCSI Cables	310-0313		1	49	13	637	-		
18 GB SCSI 10K RPM Hard Drive *	340-2769		1	249	154	38,346	_		
42U Rack	220-4492		1	1,169	10-1	1,169	_		
420 Rack	220 32		'	1,103	Subtotal	70,039	9,100		
Server Software					Subiolai_	70,000	9,100		
		Microsoft	2	16,541	4	66.164	6 205		
SQL Server 2000 Ent Edition, Per processor licensing ** Windows 2000 Advanced Server, 25 Client Licenses **		Microsoft	2	2,399	4	66,164	6,285		
vviridows 2000 Advariced Server, 25 Client Licenses		IVIICIOSOIL	2	2,399	Cubtotal	2,399 68,563	6,285		
Client Herebyers					Subtotal	00,303	0,200		
Client Hardware	220 4492		1	E10	2	1 520	1 107		
Dell PowerEdge 1400SC, 1GHz Pentium III w/ 256KB L2	220-4482			510	3	1,530	1,197		
512MB RAM, 4 DIMMs	311-1194		1	408	3	1,224	-		
9GB LVD SCSI Hard Drive,	340-1963			249	3	747	-		
Ether Express PRO 100+ Ethernet Adapter	430-1970	Intel	1	59	6	354	-		
Dell 15" Monitor	320-0960		1	149	3_	447	- 4 407		
01. 10.6					Subtotal _	4,302	1,197		
Client Software									
Windows 2000 Server, 5 Client Licenses **		Microsoft	2	738	3	2,214	-		
Visual C++ Professional 6.0 Win32 **		Microsoft	2	549	1_	549	-		
					Subtotal _	2,763	-		
User Connectivity									
16 Port Ethemet Switch	220-1499	Dell	1	129	1_	129	105		
					Subtotal	129	105		
				Other	Discounts	(11,738)			
			-		Total	161,920	17,986		
Notes: * Maint. included in PowerVault 210S disk pod or PV650F		-		Т	hree-Year Co	ost of Ownership:	\$179,906		
** All Microsoft maintenance is covered by the maintenance cost									
*** 10% or minimum 2 spares are added in place of onsite service	e (products have a fiv	e year				tpmC Rating:	29860.12		
return-to-vendor warranty) Pricing: 1 - Dell 2 - Microsoft 3	- Computer Giants								
Audited by Lorna Livingtree, Performance Metrics Inc.						\$/tpmC:	6.03		
Prices used in TPC benchmarks reflect the actual prices a cus	stomer would pay for a	a one-time pun	chase of the s	stated compor	ents. Individu	ally negotiated			
discounts are not permitted. Special prices based on assumpt	ions about past or futt	ure purchases	are not perm	itted. All disco	unts reflect sta	andard pricing policies	S		
for the listed components. For complete details, see the pricir	ng sections of the TPC	C benchmark s	specifications.	If you find tha	t the stated pi	ices are not available)		

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 items, please inform the TPC at pricing@tpc.org.

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MQTh, computed Maximum Qualified Throughput						29860.12 tpmC				
Response Times (in seconds) - Neworder - Payment - Order Status - Delivery (interactive portion) - Delivery (deferred portion) - Stock-Level - Menu				Aver 0.4 0.3 0.3 0.1 0.3 1.9	18 32 36 14 35	90th 0.82 0.63 0.67 0.25 0.58 2.80 0.25	Max 5.15 2.40 5.13 1.08 1.39 7.36 1.39			
Response time delay added for emulated components							lenu 0.1 Resp 0.1			
Transaction Mix, in percent of total transactions										
New-OrderPaymentOrder-StatusDeliveryStock-Level							44.85% 43.05 % 4.02 % 4.03 % 4.04 %			
Keying/Think Times (in seconds),	Min			Average		Max				
New-OrderPaymentOrder-StatusDeliveryStock-Level	18.01 3.01 2.01 2.01 2.01	0.0 0.0 0.0 0.0 0.0	2. 2.	.03 03 03 03 03	12.04 12.04 10.05 5.07 5.05	18.09 3.08 2.08 2.08 2.08	120.42 120.42 100.42 50.42 50.42			
Test Duration - Ramp-up time - Measurement interval - Number of checkpoints					120	minutes minutes 4				
Checkpoint intervalNumber of transactions (all types)							minutes			
completed in measurement interval						8	,311,011			