


DELL	PowerEdge 6400/900MHz with PowerApp.Web 120				TPC-W Revision 1.7		
	Performance				Report Date 03/08/02		
	7783.3 WIPS				Availability Date		
Price Performance					1/28/2002		
\$24.50/WIPS							
Description	Part No.	Brand	Price	Unit Price	Quantity	Extended Price	3 Yr Maintenance Price
Web Server Hardware:							
SYSTEM: PowerApp.Web 120 includes 1GHz/133MHz FSB	220-9998	1	1	\$1,101	13	\$14,313	
PROC: 2nd 1GHz/133MHz FSB	311-5512	1	1	\$599	13	\$7,787	
MEM: 512MB (4x128MB)	311-1225	1	1	\$408	13	\$5,304	
DISK: 1x18GB SCSI	340-2468	1	1	\$249	13	\$3,237	
NIC: Pro 100+ Adapter	430-4937	1	1	\$59	13	\$767	
NIC: Dual Integrated Pro 10/100+ Adapters	Included in SYSTEM.					\$0	
ACCESSORY: Rack Rails	310-5986	1	1	\$249	13	\$3,237	
MAINT: 3 Years 4Hour-7x24, Unisys (Initial/2Yr Ext.)	900-6350/900-6352	1	1	\$774	13		\$10,062
MONITOR: DELL E551 15"	320-0960	1	1	\$149	1	\$149	
Web Server Software:							
OS: Windows for PAW Server 2K	420-0802	1	1	\$240	13	\$3,120	
ACC: Microsoft Visual C++ Professional 6.0	048-00317	2	2	\$549	1	\$549	
Web Server Subtotal:						\$38,463	\$10,062
Web Cache Appliance Hardware:							
SYSTEM: PowerEdge 1550 includes 1.26GHz/133MHz	220-6497	1	1	\$935	1	\$935	
MEM: 512MB (4x128MB)	311-1225	1	1	\$408	1	\$408	
DISK: 1x18GB SCSI	340-2468	1	1	\$249	2	\$498	
ACCESSORY: Rack Rails	310-5986	1	1	\$249	1	\$249	
NIC: Intel Pro 1000F	430-0245	1	1	\$999	1	\$999	
MAINT: 3 Years 4Hour-7x24, Unisys (Initial/2Yr Ext.)	900-6350/900-6352	1	1	\$612	1		\$612
SYSTEM: PowerEdge 2550 includes 1GHz/133MHz	220-3489	1	1	\$866	1	\$866	
MEM: 512MB (4x128MB)	311-1293	1	1	\$408	1	\$408	
DISK: 1x18GB SCSI	340-2333	1	1	\$249	2	\$498	
ACCESSORY: Rack Rails	310-5986	1	1	\$249	1	\$249	
MAINT: 3 Years 4Hour-7x24, Unisys (Initial/2Yr Ext.)	900-6350/900-6352	1	1	\$957	1		\$957
MONITOR: DELL E551 15"	320-0960	1	1	\$149	1	\$149	
Web Cache Appliance Software:							
OS: Volera Excelsator 2.1	993-000005-001	3	3	\$4,495	2	\$8,990	
MAINT: Volera Excelsator 2.1 1Yr 24x7 Platinum Service	051-001259-001	3	3	\$2,248	3		\$6,744
Web Cache Subtotal:						\$14,249	\$8,313
Image Server Hardware:							
SYSTEM: PowerApp.Web 120 includes 1GHz/133MHz FSB	220-9998	1	1	\$1,101	5	\$5,505	
PROC: 2nd 1GHz/133MHz FSB	311-5512	1	1	\$599	5	\$2,995	
MEM: 1GB SDRAM,133MHz,(4X256MB)	311-0896	1	1	\$892	5	\$4,460	
DISK: 1x18GB SCSI	340-2468	1	1	\$249	8	\$1,992	
DISK: 1x36GB SCSI	340-2469	1	1	\$499	1	\$499	
ACCESSORY: Rack Rails	310-5986	1	1	\$249	5	\$1,245	
NIC: BROADCOM,1000,NIC,CAT5	430-1980	1	1	\$149	5	\$745	
MAINT: 3 Years 4Hour-7x24, Unisys (Initial/2Yr Ext.)	900-6350/900-6352	1	1	\$774	5		\$3,870
MONITOR: DELL E551 15"	320-0960	1	1	\$149	1	\$149	
Image Server Software:							
OS: Windows for PAW Server 2K	420-0802	1	1	\$240	5	\$1,200	
Database Server Hardware:						\$18,790	\$3,870
SYSTEM: PE6400,900MHZ/2MB,RDNT,BASE	220-1495	1	1	\$6,714	1	\$6,714	
PROC: Quad 900MHz/2MB L2 Cache	311-0939	1	1	\$16,799	1	\$16,799	
MEM: 4GB RAM, 16x256MB RGT DIMMs	311-4115	1	1	\$3,584	1	\$3,584	
BACKPLANE: 8 Bay Split 2X4 BakPln(1"only)	340-5773	1	1	\$249	1	\$249	
CTRL: Mylex ExtremeRAID 2000 Card,64MB	08P3835	4	4	\$1,625	3	\$4,875	
SPARES: Mylex ExtremeRAID 2000 Card,64MB	Spares priced to spec.	4	4	\$1,625	2	\$3,250	
DISK: 18GB, 10k SCSI	340-8808	1	1	\$249	1	\$249	
NIC: Integrated Pro 100+ Adapter	Included in SYSTEM.					\$0	
TAPE: 20/40GB DDS4 Autoloader	340-9167	1	1	\$2,099	1	\$2,099	
MONITOR: DELL E551 15"	320-0960	1	1	\$149	1	\$149	
MAINT: 3 Years 4Hr/7x24, Unisys (Initial/2Yr Ext.)	900-6370/900-6352	1	1	\$1,783	1		\$1,783
ACCESSORY: Rack Rails	310-0516	1	1	\$349	1	\$349	
POWER: Tower 1400 UPS 110V	310-0284	1	1	\$599	2	\$1,198	
Database Server Software:						\$58,998	\$8,068
OS: Microsoft Windows 2000 Advanced Server	C10-00475	2	2	\$2,399	1	\$2,399	
APP: Microsoft SQL Server 2000 Standard Edition w/ SPI	228-00968	2	2	\$4,271	4	\$17,084	
MAINT: 3-Year Maintenance for All Microsoft Software	3-2	2	2	\$2,095	3		\$6,285
Storage Hardware:							
SYSTEM: PowerVault 21x - 12 HDD Storage System	220-4099	1	1	\$1,253	6	\$7,518	
CTRL: Ultra3 SCSI, Not Clusterable	340-9556	1	1	\$409	7	\$2,863	
POWER: Redundant Power Option	310-6125	1	1	\$399	6	\$2,394	
ACCESSORY: Rack Rail Kit	310-1330	1	1	\$114	6	\$684	
RACK: PE4210,DOORS,GRND,42U,PS	220-4493	1	1	\$1,110	1	\$1,110	
RACK MAINT: 3 Years NBD (Initial/2Yr Ext.)	900-6220/900-3272	1	1	\$184	1		\$184
DISK: 36GB, 10k SCSI	340-6762	1	1	\$499	19	\$9,481	
DISK: 18GB, 10k SCSI	340-1395	1	1	\$249	50	\$12,450	
CBL: 2 Cables,PERC,4M, PV2XXS	310-0313	1	1	\$49	7	\$343	
MAINT: 3 Years 4Hr/7x24, IGS (Initial/2Yr Ext.)	900-6790/900-6792	1	1	\$1,099	6		\$6,594
Connectivity:						\$36,843	\$6,778
SWITCH: PowerConnect 2024	220-2099	1	1	\$173	1	\$173	
MAINT: 3 Years 4Hr/7x24, Unisys (Initial/2Yr Ext.)	950-1660/950-1662	1	1	\$105	1		\$105
Connectivity Subtotal:						\$173	\$105
Total:						\$167,516	\$37,196
Dell Discounts:						(\$13,865)	
3 Year Cost of Ownership		\$190,847					
WIPS @ 10,000 Items		7783.3					
\$ / WIPS @ 10,000 Items		\$24.50					
1 Dell		2 Microsoft		3 Volera		4 www.computergiants.com	
Independently Audited by:				Lorna Livingtree		Performance Metrics	

	PowerEdge 6400/900MHz with PowerApp.Web 120	TPC-W Revision 1.7
		Report Date 03/08/02
Price Performance	Performance	Availability Date
\$24.50 per WIPS@10,000	7783.3 WIPS@10,000	January 28, 2002

Numerical Quantities Summary

WIPS Interactions Summary

Interaction	Mix	Count	90% Response
Home	15.99%	2,240,789	0.32
Shopping Cart	11.61%	1,626,137	0.25
Customer Registration	3.00%	420,952	0.17
Buy Request	2.61%	365,073	0.29
Buy Confirm	1.20%	168,326	2.20
Order Inquiry	0.75%	105,468	0.20
Order Display	0.66%	92,799	0.21
Search Request	20.00%	2,801,448	0.23
Search Result	17.00%	2,381,188	0.28
New Products	4.99%	699,697	0.28
Best Sellers	4.99%	699,268	0.29
Product Detail	17.00%	2,382,400	0.20
Admin. Request	0.10%	13,937	0.18
Admin. Confirm	0.09%	12,483	1.76

Measurement Intervals Summary

	Shopping	Browsing	Ordering
Ramp-up Time (min)	129.0	70.0	45.0
Length of Measurement Interval (min)	30.0	30.0	30.0
Average Think Time (seconds)	7.21	7.11	7.10
Average User Session Duration (min)	14.7	14.8	14.5
Number of Users	58,000	58,000	9,000