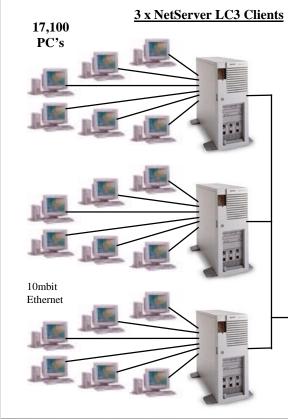
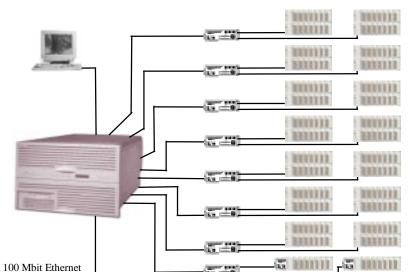
unisys	Aquanta QR/2 Server C/S				TPC-C Rev. 3.4 Report Date: 4-Jan-1999
Total System Cost	TPC-C Throughput	hput Price/Performance			Availability Date
\$506,676	21,354.55 tp	mC \$23.73 per tpmC			5-Jan-1999
Processors	Database Manager	Operating System		Other Software	Number of Users
4 Pentium® II Xeon 450 MHz 2MB L2 cache	Microsoft SQL Server Enterprise Edition 7.0	Microsoft NT Server 4.0 Enterprise Edition		Microsoft IIS 3.0 Tuxedo 6.3 CFS	17,100

Aquanta QR/2 Server





1 Inbuilt SCSI Controller + 1 x 4GB Hot-Pluggable Internal SCSI Disk

8 x SCSI RAID Controllers 1 Uninterruptable Power Supply 70 x 4GB + 140 x 9GB Hot-Pluggable External SCSI Disks 2 x SCSI-SCSI RAID Controllers

PrimeStor Storage

Santana Camanana An		Server	Clients		
System Components	Quantity	Type	Quantity	Туре	
Processors	4	450 MHz Pentium [®] II Xeon with 2MB Level 2 Cache	3	2 x 450MHz Pentium® II with 512KB Level 2 Cache	
Memory	1	4096MB	3	512MB	
Disk Controllers	8 + 2 1	SCSI RAID Inbuilt SCSI	3	Inbuilt SCSI	
Disk Drives	70 140 1	4.24 GB 8.48 GB 4.23 GB	3	3.97 GB	
Total Storage		1487.98 GB		11.91 GB	
CD-ROM / Tape	1	CD-ROM Drive	3	CD-ROM Drive	

Description Style Brand Pricing Price Oty. Price Maint	Unisys Corporation	Aquanta QR/2 Server c/s					TPC-C Rev 3.4 4-Jan-1999	
Server Hardware Server Har		1	Third Party		Unit		Extended	
\$38.8 Against GNEZ, w. CDROM. O. Proc., MMS Mem. \$38.00 4 \$27.200 \$30.986 **RCC: 1456MM Familian (ZMB Carbo **RCC: 1456MM Familian (ZMB Carbo) **	•	Style	Brand P	ricing	Price	Qty.	Price	Maint
PROC. 1460MHz Pemburn II ZWB Cache		000000101010			A			40.000
ACC: Vottage Regulation Models, Processor MED124001-YRM 128	· · · · · · · · · · · · · · · · · · ·				. ,		. ,	. ,
MIM. 12 MB Memory Upgrade				-				\$9,648
DISK- 408 Drive, Ultra SCSI SCA				-	•		•	
ETHERNET: 100Mb/tibaen, PO 132-bat	, , ,			•				
CDROM. H.4.29x Speed, SCS	,			-	•			\$264
MONITOR:15-inch Color	•			•			•	
KEYSD 104 Key Spacesaver	•			•				\$48
MOUSE: 2 Bution PS2 CTRL: RAID 3-CP CW 3/3MB Mem&Bait But+10% sparse DAC1164PVX Mylex 2 \$2,58 1 \$30,580				•			•	
CTRL RAID-3-Ch PCI wt 32MB Mem&Bart BU+10% spares DAC1164PVX Mylex 2 \$2,08 10 \$30,080 \$30,000 \$30				•				
Storage Hardware Storage Har				-			•	
Storage Hardware	CTRL: RAID 3-Ch PCI w/ 32MB Mem&Bat.BU+10% spares	DAC1164PVX	Mylex	2	\$2,058			
DISK: 49B Drive, 10K, SCA + 10% spares						Subtotal	\$74,962	\$22,844
DISK! 98B Drive, 10K, SCA + 10% spares								
CAB. Disk, 7 SCA w 069 UF & Catc-Chi, O Disks, 3U				-				•
CAB: Disk, 7 SCA w OSF UF, 0 Disks, 3U OSM310057-1005 1 \$1,350 14 \$18,900 \$10,7526 AB: Disk, 7 SCA w OTO UF, 0 Disks, 3U OSM310100-1005 1 \$2,777 2 \$5,454 \$3,752 ACAB: Disk, 7 SCA w 10 UF, 0 Disk, 3U OSM310100-1005 1 \$2,777 2 \$5,454 \$3,000 ACAB: Disk, 7 SCA w 10 UF, 0 Disk, 3U OSM310100-1005 1 \$5,750 2 \$300 \$2.16 MEM: 32MB OSM cache OSM1000-C32 1 \$1,515 2 \$522 \$2,848 MEM: 32MB OSM cache OSM Cabinete OSM3000-APM 1 \$5,810 2 \$522 \$3,800 ACAB: Rack Cabinete Supply Upgrade, OSM Cabinete RMI-PDU 1 \$5,79 6 \$2,229 1 \$2,239 APWR: Distribution Unit, 6 OSM Cabinete RMI-PDU 1 \$5,79 6 \$2,229 \$3,800 ACAB: Rack Cabinety MIP Indo-VHD Corn's CBL2210-OSM 1 \$80 16 \$1,440 ACAB: Rack Cabinety, MIP Indisk Cages OSM3000-RMK 1 \$84 30 \$2,520 ACAB: Rack Cabinety, MIP Indisk Sages OSM3000-RMK 1 \$84 30 \$2,520 ACAB: Rack Cabinety, MIP Indisk Sages OSM3000-RMK 1 \$1,384 30 \$3,557 ACAB: Back Indisk RMI OW WCT39861-SXR 1 \$1,384 30 \$3,557 ACAB: Stabilizer kit 0U WCT39861-SXR 1 \$1,300 3 \$3,576 Server Software Microsoft N Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$2,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 7.0, unlimited user license Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 7.0, unlimited user license Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 7.0, unlimited user license Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,999 Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$3,	·			-				•
CAB. Disk. 7 SCA. W 100 UF, OMB, O Disk.s, 3U O SM310100-U05		OSM310050-U05		1			\$18,830	
MEM: 32MB OSM cache OSM 5000-APM 1							\$18,900	
PWR-300 PWR Supply Upgrade, OSM Cabinet OSM 3000 A PM 1 S261 2 S229 S238 PWR-3000 A UPB-3 UPB-300 VA UPB-3 UPB-3 VA UPB-3 UPB-3 VA UP		OSM310100-U05		1			\$5,454	
PWR-Distribution Unit, G OSM Cabiniets	MEM: 32MB OSM cache	OSM1000-C32		1	\$150	2	\$300	\$216
PWRE_Distribution Unit. g OSM Cabinets RM1-PDU 1 \$379 6 \$2,274 \$3,600	PWR: 2nd Power Supply Upgrade, OSM Cabinet	OSM3000-APM		1	\$261	2	\$522	\$264
CBL: SCS 68-pin HD->VHD Comn's CBL: 2210-CSM 1 \$9.0 16 \$1.440 \$1.400 \$2.520 \$1.645 \$2.520 \$1.645 \$2.525 \$1.645 \$2.525 \$1.645 \$1.545	PWR:3000 VA UPS, 3U	UPD30001-SXR		1	\$2,239	1	\$2,239	\$936
CAB: Rack Cabinet, w/ fill pnls, 36U CABsa61-SXR 1 \$1,344 3 \$4,152 CAB: Rack Cabinet, w/ fill pnls, 36U CAB Sazel kit 36U BEZ3611-CAB 1 \$10,000 S 3 \$1818 CAB: Stabilizer kit 0U WGT39561-SXR 1 \$10 \$10 3 \$3330 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3330 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3530 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3530 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3530 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3530 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3530 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3530 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$110 3 \$3599 \$500 Microsoft NT Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$23,999 \$500 Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft 3 \$3,999 1 \$23,999 \$50,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,999 \$10,475 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,000 \$3 \$3,414 \$1,512 FKL: LAB Sazel kit 36U PAN3621-SXR 1 \$3,000 \$3 \$3,414 \$1,512 FKL: LAB SAZEL kit 36U PAN3621-SXR 1 \$3,000 \$3 \$3,414 \$1,512 FKL: LAB SAZEL kit 36U PAN3621-SXR 1 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,414 \$3,000 \$3 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,000 \$3,	PWR: Distribution Unit, 6 OSM Cabinets	RM1-PDU		1	\$379	6	\$2,274	\$3,600
CABS Reack Cabinet, w/ fill pnls, 36U BEZ3611-CAB 1 \$1,384 \$3 \$4,162 CAB: Bezek kit 36U BEZ3611-CAB 1 \$206 3 \$5618 CAB. Stabilizer kit 10U WGT39581-SXR 1 \$1510 3 \$330 PNL: LAR side panels 36U PAN3621-SXR 1 \$1510 3 \$330 PNL: LAR side panels 36U PAN3621-SXR 1 \$1510 3 \$3576 Server Software Microsoft NT Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$3,999 1 \$228,999 \$10 \$229,976 PNL: CAB STABLE PROPERTY Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS SAB Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server Enterprise Edition 4.0, incl 25 CALS Microsoft SQL Server SALS Microsoft SQL S	CBL: SCSI 68-pin HD->VHD Conn's	CBL2210-OSM		1	\$90	16	\$1,440	
CAB: Selzel kit 36U	CAB: Rackmount Kit for Disk Cages	OSM3000-RMK		1	\$84	30	\$2,520	
CABS. Stabilizer kit OU PAN3621-SXR 1 \$10 \$3 \$330 PNL: L&R side panels 36U PAN3621-SXR 1 \$10 \$12 \$2 \$3 \$530 PNL: L&R side panels 36U PAN3621-SXR 1 \$10 \$12 \$2 \$3 \$530 Server Software Wicrosoft NT Server Enterprise Edition 4.0, incl 25 CALs Microsoft 3 \$28,999 \$1 \$33,999 \$1 \$33,999 \$1 \$32,998 \$10,475 Client Hardware SYSS: NetServer LC3, w/1 450MHz Prote & CDROM, 0MB MemD7026-AV 1 \$1,910 \$3 \$5,730 \$3,600 PROC.11450MHz Pentium Il/512KB Cache UPG D7032-AV 1 \$1,1910 \$3 \$5,730 \$3,600 PROC.11450MHz Pentium Il/512KB Cache UPG D7032-AV 1 \$1,1910 \$3 \$5,730 \$3,600 PROC.11450MHz Pentium Il/512KB Cache UPG D7032-AV 1 \$31,198 \$3 \$3,948 \$1,764 ETHERNET: 10010017X Mibit/see, PCI 32-bit D5013-AV 1 \$368 \$15 \$1,020 ETHERNET: 10010017X Mibit/see, PCI 32-bit, Quad \$1001-ET4 1 \$1,212 \$3 \$3,636 \$1,584 ETHERNET: 10010017X Mibit/see, PCI 32-bit D5013-AV 1 \$1,020 \$1 \$3,000 \$1 \$3,000 \$1,000 ETHERNET: 10010017X Mibit/see, PCI 32-bit D5013-AV 1 \$1,000 \$1 \$1,000 \$1 \$1,000 \$1 \$1,000 \$1,0	CAB: Rack Cabinet, w/ fill pnls, 36U	CAB361-SXR		1	\$1,384	3	\$4,152	
PAN3621-SXP	CAB: Bezel kit 36U	BEZ3611-CAB		1	\$206	3	\$618	
Server Software	CAB: Stabilizer kit 0U	WGT39581-SXR		1	\$110	3	\$330	
Microsoft NT Server Enterprise Edition 4.0, incl 25 CALs Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license Microsoft NT Server Enterprise Edition 7.0, unlimited user license NI Server Enterprise Edition 7.0, unlimited	PNL: L&R side panels 36U	PAN3621-SXR		1	\$192	3	\$576	
Microsoft NT Server Enterprise Edition 4.0, incl 25 CALS Microsoft 30, \$3,999 1 \$28,999 \$10,475						Subtotal	\$249,500	\$29,976
Microsoft SQL Server Enterprise Edition 7.0, unlimited user license Microsoft 3 \$28,999 \$10,475 \$10 \$32,998 \$10,475 \$	Server Software							
Subtola Subt	Microsoft NT Server Enterprise Edition 4.0, incl 25 CALs		Microsoft	3	\$3,999	1	\$3,999	\$0
SYS: NetServer LC3, w/1 450MHz Proc & CDROM, 0MB Membro 2026-AV	Microsoft SQL Server Enterprise Edtion 7.0, unlimited user li	cense	Microsoft	3	\$28,999	1	\$28,999	\$10,475
SYS: NetServer LC3, w/1 450MHz Proc & CDROM, 0MB MerrD7026-AV 1 \$1,910 3 \$5,730 \$3,600 PROC:1x450MHz Pentium II/512KB Cache UPG D7032-AV 1 \$1,138 3 \$3,414 \$1,512 MEM: 128 MB SDRAM Memory Upgrade D6098-AV 1 \$358 12 \$4,296 DISK: 4GB SCSI 3.5 Internal D4910-AV 1 \$316 3 \$948 \$1,764 ETHERNET: 10/1007X Mbit/sec, PCI 32-bit, Quad SF1001-ET4 1 \$1,212 3 \$3,636 \$1,584 MONITOR:15-inch Color EVG2100-P 1 \$320 3 \$960 \$1,584 Client Software Microsoft Windows NT Server 4.0, incl 5 CALs Microsoft 3 \$869 3 \$2,427 \$0 Microsoft Windows NT Server 4.0, incl 5 CALs Microsoft 3 \$899 1 \$499 \$0 TUXEDO Core Functional Services 6.3 for NT BEA 4 \$3,000 3 \$9,000 \$6,750 User Connectivity Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5						Subtotal	\$32,998	\$10,475
PROC:1x450MHz Pentium III/512KB Cache UPG								
MEM: 128 MB SDRAM Memory Upgrade				-				* - /
DISK: 4GB SCSI 3.5 Internal				-				\$1,512
ETHERNET: 10/100TX Mbit/sec, PCI 32-bit, Quad SF1001-ET4 1 \$68 15 \$1,020	, 13	D6098-AV		1				
ETHERNET: 100Mbit/sec, PCI 32-bit, Quad EVG2100-P 1 \$12,21 3 \$3,636 \$1,584 MONITOR:15-inch Color EVG2100-P 1 \$320 3 \$360 Subtotal \$20,004 \$8,460 Client Software Microsoft Windows NT Server 4.0, incl 5 CALs Microsoft 3 \$809 3 \$2,427 \$0 Microsoft Windows NT Server 4.0, incl 5 CALs Microsoft 3 \$409 1 \$499 \$0 Microsoft Visual C++ Professional 5.0 Microsoft 3 \$409 1 \$499 \$0 TUXEDO Core Functional Services 6.3 for NT BEA 4 \$3,000 \$3 \$9,000 \$6,750 Subtotal \$11,926 \$6,750 User Connectivity Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5 \$205 3 \$615 \$9,000 \$6,750 Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 \$2353 \$77,649 \$9,000 Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 \$2353 \$77,649 \$9,000 Unisys Service Pre-Pay Discount \$78,264 \$00 Western Micro discount 1 \$467,654 \$78,505 Unisys Service Pre-Pay Discount \$1 \$467,654 \$78,505 Unisys Service Pre-Pay Discount \$1 \$1,000 \$1,000 Unisys Service Pre-Pay Discount \$1 \$1,000				1				\$1,764
MONITOR:15-inch Color	•			1				
Subtoal Subt	ETHERNET: 100Mbit/sec, PCI 32-bit, Quad			1				\$1,584
Microsoft Windows NT Server 4.0, incl 5 CALs	MONITOR:15-inch Color	EVG2100-P		1	\$320			
Microsoft Windows NT Server 4.0, incl 5 CALs						Subtotal	\$20,004	\$8,460
Microsoft Visual C++ Professional 5.0 Microsoft 3 \$499 1 \$499 \$0 TUXEDO Core Functional Services 6.3 for NT BEA 4 \$3,000 3 \$9,000 \$6,750 Subtotal \$11,926 \$6,750 Subtotal \$11,926 \$6,750 Subtotal \$11,926 \$6,750 Subtotal \$11,926 \$6,750 User Connectivity Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5 \$205 3 \$5615 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 \$3253 \$3253 \$77,649 \$3253 \$3253 \$3253 \$32				_		_		
TUXEDO Core Functional Services 6.3 for NT BEA 4 \$3,000 3 \$9,000 \$6,750 Subtotal \$11,926 \$6,750 User Connectivity Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5 \$205 3 \$615 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 10% spares DEH2924 Compex 6 \$33 2353 \$77,649 spared Ethernet Hub, 8-Port 10Base-T + 10%	,							
User Connectivity Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5 Subtotal Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 Subtotal Subtotal Total \$78,264 \$90 Total \$78,264 \$90 Total \$467,654 \$78,505 \$90 Total \$1 \$90 Tota								
User Connectivity Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5 Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 Subtotal \$78,264 \$90 \$90 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	TUXEDO Core Functional Services 6.3 for NT		BEA	4	\$3,000			
Ethernet Hub, 8-Port 100TX TrueFast + 10% spares NX-H8TX Netlux 5 Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 Subtotal 70tal 778,264 \$0 Subtotal 70tal 778,264 \$0 Subtotal 70tal 778,264 \$0 Subtotal 70tal 778,265 \$1 Subtotal 778,265 \$2 Subtotal 778,265 \$1 Subtotal 778,265 \$1 Subtotal 778,265 \$1 Sub						Subtotal	\$11,926	\$6,750
Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares DEH2924 Compex 6 Subtotal Total Total \$78,264 \$0 Total \$78,505 Unisys Service Pre-Pay Discount Western Micro discount Notes: 1. HW Maintenance - First 36 months that are included in Unisys warranty are upgraded to service level: Standard Performance-Gold. Last 24 months are also at service level: Standard Performance-Gold. 2. All Microsoft maintenance is covered by the maintenance cost of Microsoft SQL Server. 3. 10% or minimum 2 spares are added in place of onsite service (products have a five year return-to-vendor warranty) 4. Pricing: 1 = Western Micro, 2 = Mylex, 3 = Microsoft, 4 = BEA, 5 = Netlux, 6 = DataComm Whse	•							
Subtotal \$78,264 \$0 Total \$467,654 \$78,505 Unisys Service Pre-Pay Discount Western Micro discount Notes: 1. HW Maintenance - First 36 months that are included in Unisys warranty are upgraded to service level: Standard Performance-Gold. Last 24 months are also at service level: Standard Performance-Gold. 2. All Microsoft maintenance is covered by the maintenance cost of Microsoft SQL Server. 3. 10% or minimum 2 spares are added in place of onsite service (products have a five year return-to-vendor warranty) 4. Pricing: 1 = Western Micro, 2 = Mylex, 3 = Microsoft, 4 = BEA, 5 = Netlux, 6 = DataComm Whse	·							•
Unisys Service Pre-Pay Discount Western Micro discount Notes: 1. HW Maintenance - First 36 months that are included in Unisys warranty are upgraded to service level: Standard Performance-Gold. Last 24 months are also at service level: Standard Performance-Gold. 2. All Microsoft maintenance is covered by the maintenance cost of Microsoft SQL Server. 3. 10% or minimum 2 spares are added in place of onsite service (products have a five year return-to-vendor warranty) 4. Pricing: 1 = Western Micro, 2 = Mylex, 3 = Microsoft, 4 = BEA, 5 = Netlux, 6 = DataComm Whse	Ethernet Hub, 8-Port 10Base-T + 1-Port BNC + 10% spares	DEH2924	Compex	6	\$33			
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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 assumption 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 benchmarks specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank You.

NUMERICAL QUANTITIES SUMMARY

Unisys Aquanta QR/2 Server

Microsoft SQL Server Enterprise Edition 7.0

MQTh, Computed Maximum Qualified Throughput:

21354.55

% throughput difference, reported & reproducibility runs:

0.25%

Transaction Mix

New Order	44.88%
Payment	43.06%
Delivery	4.04%
Stock-Level	4.01%
Order-Status	4.02%

Response Times

Transaction	Average	Maximum	90th %ile
New-Order	0.43	4.10	0.65
Payment	0.29	3.88	0.49
Delivery	0.12	0.71	0.12
Stock-Level	2.23	5.53	3.01
Order Status	0.33	3.79	0.54
Menu	0.12	3.06	0.12
Delivery (Deferred)	0.51	2.33	0.76

Response time delay added for emulated components (seconds)

RT Response time	0.1
Menu Response time	0.1

Keying/Think Time Times (seconds)

Transaction	Minimum	Average	Maximum
New-Order	18.00/0	18.01/12.04	18.07/120.3
Payment	3.00/0	3/12.03	3.04/120.31
Delivery	2.00/0	2/5.03	2.04/50.6
Stock-Level	2.00/0	2/5.01	2.04/44.85
Order-Status	2.00/0	2/10.1	2.02/100.71

Test Duration

Ramp up time	23 minutes
Measurement interval (M)	20 minutes
Transactions (all types) completed during measurement interval	951,653
Ramp-down time	39 minutes

Checkpointing:

Number of checkpoints	1
Checkpoint interval	20 minutes