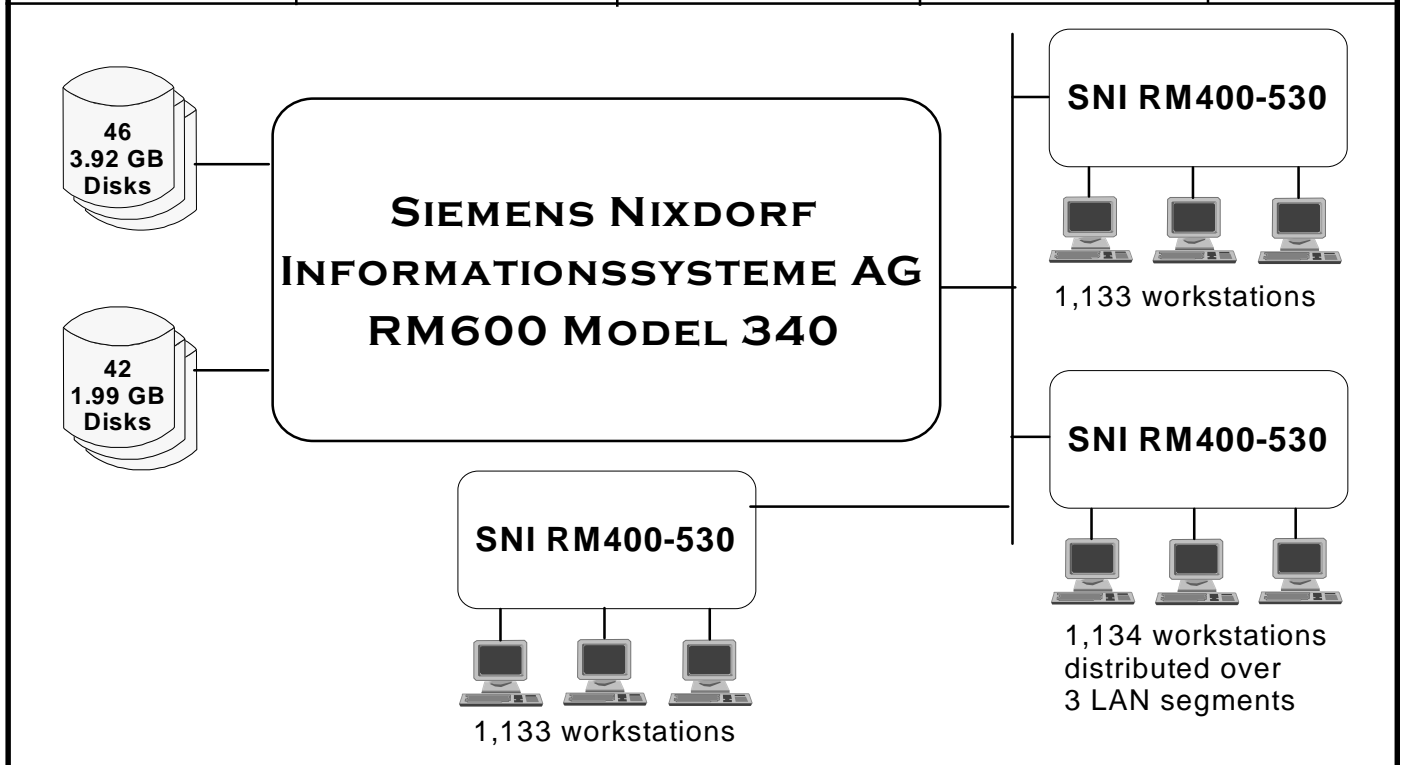


Siemens Nixdorf Informix Software	Siemens Nixdorf RM600 Model 340 C/S Configuration - Three RM400-530 front-ends		TPC-C Rev 3.0
			Report Date: 13 Nov 1995
Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$1,939,674	3,921.17 tpmC	\$495 per tpmC	1 May 96
Processors	Database Manager	Operating System	Other Software
8 R4400MC 200 MHz	INFORMIX- OnLine Dynamic Server version 7.11.UD1	SINIX-Y V5.43B	TUXEDO Transaction Monitor v4.2.2
			Number of Users
			3,400



System Components	Server		Client(s)	
	Quantity	Type	Quantity	Type
Processors	8	R4400MC 200 MHz	1	R4400SC 150 MHz per client
Cache Memory		16 KB Instruction and Data 4 MB Secondary		16 KB Instruction and Data 4 MB Secondary
Memory		1,792 MB		512 MB per client
Disk Controllers	7	SCSI Controllers	1	SCSI controller per client
	13	SCSI bus		
Disk Drives	46	3.929 GB SCSI	2	2.1 GB per client
	42	1.998 GB SCSI		
Total Storage		262.657 GB		
Tape Drives	1	Tape Cartridge (525 MB)		
Terminals	1	System Console	1	System Console per client
Terminal Connectivity	317	Multiport Repeaters (hubs)	3,400	RM 200 Workstations total

Description	Part Number	Unit Price	Quantity	Extended Price	5 Year Support	Install Price
RM600 Model 340 Basic system cabinet	RM62-341	\$65,520	1	\$65,520	\$40,416	\$734
R4400MC 200 MHz CPU w/128 MB local			1			
Ethernet LAN controller			1			
bus coupler MBP			1			
bus jumper MBP L/R			1			
extension cabinet E/9			1			
SINIX-Y V5.43 O/S (1-2 user)			1			
Power Cable	KB8DE-M3	5	7	35	0	0
Tape Cartridge (525 MB)	RM610-MC2	833	1	833	432	77
CD-ROM (650 MB)	RM610-OSI	495	1	495	336	126
R4400MC 200 MHz CPU w/128 MB local	RM620-ZE3	22,122	7	154,854	40,992	539
256 MB Memory Controller	RM610-SP4	19,944	3	59,832	0	231
SCSI Controller	RM610-CT6	2,205	7	15,435	0	539
Extension Cabinet (E/18)	RM610-BG52	29,250	1	29,250	12,864	207
Bus Coupler MBP L/R	RM610-BG54	3,150	2	6,300	2,400	306
Peripherals Cabinet (P)	RM610-BG1	3,375	4	13,500	5,184	612
SCSI bus connect	RM610 BG11	900	8	7,200	2,688	616
SCSI connection cable	KB050-M2	104	8	832	0	0
SCSI bus (8*CS3, 1*CS11, 12, 13, 14, 15)	RM610-Csxx	900	13	11,700	4,368	1,001
2 GB Disk	RM610-MP20	1,553	42	65,226	32,256	3,234
4 GB Disk	RM6xx-MPI2	2,588	46	119,048	35,328	3,542
RM400-530 Basic system	RM40-530a	17,078	3	51,234	29,232	696
R4400SC 150 MHz CPU			3			
SCSI controller			3			
Ethernet LAN controller			3			
SINIX-N V5.42 O/S (1-2 user)			3			
128 MB Memory Extension	RM400-SP12	8,910	12	106,920	0	924
Ethernet Adapter	RM400-CL12	1,008	9	9,072	4,752	1,377
2.1 GB Disk	RM400-MP20	1,553	6	9,318	4,608	462
Console	TC10-V24	437	4	1,748	384	224
Console cable	KB064-M5	50	4	200	0	0
Console Keyboard	TAVT-762	73	4	292	0	88
AT 3012T Multiport Repeater	includes 10%	337	317	106,829	7,478	0
SINX-Y V5.43 (add. user)	U16505-C117	169	1	169	270	0
SINIX-N-UL V5.42 unlimited	U11408-C21	8,143	3	24,429	30,780	0
C-DS-N (SINIX) V1.0	U11455-C7	1,732	1	1,732	2,646	0
Tuxedo Transaction Monitor		7,500	3	22,500	16,032	0
INFORMIX-OnLine RT (3,400 users)		549,500	1	549,500	131,880	0
INFORMIX-ESQL/C RT (3,400 users)		94,500	1	94,500	22,680	0
INFORMIX-OnLine Development (1 user)		1,500	1	1,500	1,080	0
INFORMIX -ESQL/C Development (1 user)		375	1	375	300	0
Grand Totals				\$1,530,378	\$429,386	\$15,535
SNI hardware general bulk discount				(31,961)		
SNI general bulk discount - software				(3,664)		
Grand Totals after Discounts				\$1,494,753	\$429,386	\$15,535
Five Year Cost of Ownership		\$1,939,674				
tpmC		3,921.17				
\$/tmpC		\$495				

Notes:

Audited by Tom Sawyer of Performance Metrics, Inc.

Numerical Quantities Summary
Siemens Nixdorf RM600 Model 340
INFORMIX-OnLine Dynamic Server version 7.11.UD1

MQTh, Computed Maximum Qualified Throughput: 3,921.17

Transaction Mix
(% of Total Transactions)

New-Order	44.71%
Payment	43.13%
Order-Status	4.04%
Delivery	4.02%
Stock-Level	4.11%

Response Time (seconds)

Transaction	Average	90th Percentile	Maximum
New-Order	3.65	3.98	74.13
Payment	2.19	2.76	75.14
Order-Status	2.17	3.86	22.13
Delivery (interactive)	0.32	0.45	0.85
Delivery (deferred)	3.90	6.18	79.29
Stock-Level	4.10	6.69	79.55
Menu	0.45	0.35	1.54

Keying/Think Times (seconds)

	Minimum	Average	Maximum
New-Order	18.00 / 0.10	18.00 / 12.04	18.00 / 120.00
Payment	3.00 / 0.10	3.00 / 12.06	3.00 / 120.00
Order-Status	2.00 / 0.10	2.00 / 10.08	2.00 / 85.90
Delivery (interactive)	2.00 / 0.10	2.00 / 5.16	2.00 / 46.30
Stock-Level	2.00 / 0.10	2.00 / 5.04	2.00 / 35.60

Test Duration:	
Ramp-up time	24 minutes
Measurement interval (MI)	30 minutes
Transactions completed during MI	263,091
Ramp-down time	9 minutes
Checkpointing:	
Number of checkpoints	1
Checkpoint interval	30 minutes
Reproducibility:	
Reported measurement	3,921.17
Reproducibility measurement	3,891.10
Difference	0.77%