



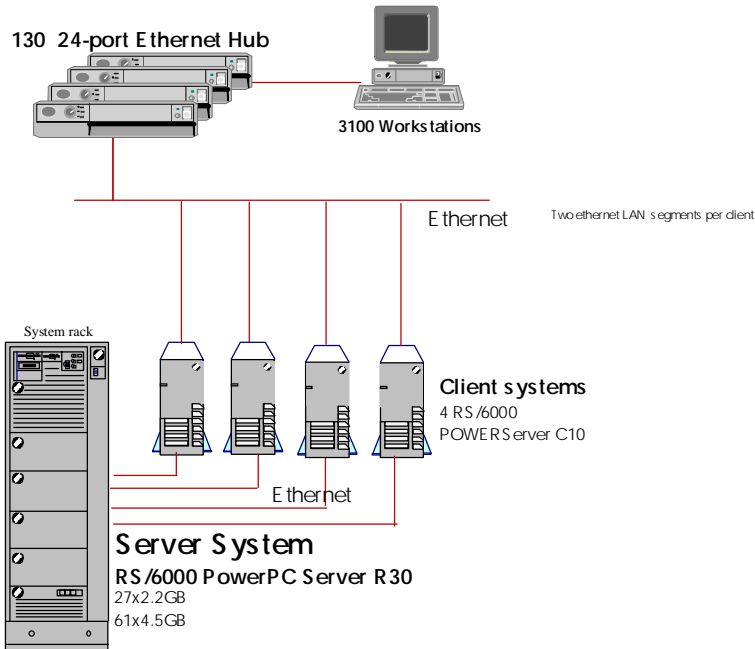
# RISC System/6000 Server Model R30 c/s

TPC-C Rev. 3.0

Report Date: March 19, 1996

Total System Cost	TPC-C Local Throughput	Price/Performance	Availability Date:	
<b>\$1,075,443</b>	<b>3,631.47tpmC</b>	<b>\$296/tpmC</b>	now except: Oracle7 v 7.3: 7/30/96	
Processors	Data Base Manager	Operating System	Other Software	Number of users
(8) 75 Mhz PowerPC 601	Oracle7 ver 7.3	AIX 4.1.4	Tuxedo EPT 4.2.1	3100

## Priced System Configuration



<u>System Components</u>	<u>Qty</u>	<u>Client Description</u>	<u>Qty</u>	<u>Server Description</u>
Processors	4	IBM RS/6000 C10	1	IBM RS/6000 R30
Memory	4	256 MB	1	2048 MB Main Memory
Disk Controllers	1	Integrated SCSI	7	SCSI-2 Adapter
Disk Drives	4	2.0 GB SCSI Disks	61	4.5 GB SCSI-2 Disks
			27	2.2GB SCSI-2 Disks
Total GB of Storage		2 GB each client		312.55 GB
Terminals	4	System Consoles	1	System Console
Terminal Connectivity	130	24 port Ethernet Hub		



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TPC-C Rev. 3.0

Report Date: March 19, 1996

**TPC-C PRICING for RS/6000 SERVER MODEL R30**

Item Description	PART#	Unit Price	Qty	Ext Price	MAINT	TOTALS
<b>RS/6000 Server Model R30</b>	<b>7015-R30</b>	80,900	1	80,900	38,832	119,732.00
Dual 601, 64mb Memory, 2.2gb Disk,SCSI2 Diff F/W Adptr, CDROM						
Dual Processor card, 1mb L2	4302	15,000	3	45,000	21,600	66,600.00
Select 64mb->512mb Mem.	4146	36,450	1	36,450	0	36,450.00
Add 512mb Memory Cards	4158	48,600	3	145,800	0	145,800.00
Int. 2.2gb SCSI2 Disk Select	9133	n/c	1	0	0	0.00
Ethernet Adapter	2980	722	4	2,888	0	2,888.00
SCSI-2 DE HiPerf Adapters	2416	1,370	6	8,220	0	8,220.00
<b>System Rack Model R00</b>	<b>7202-R00</b>	3,110	2	6,220	2,976	9,196.00
Deep Door For SMP	6096	500	1	500	0	500.00
Cluster Power Controller	6175	3,100	1	3,100	0	3,100.00
<b>High Density SCSI Disk S/S</b>	<b>7134-010</b>	13,400	6	80,400	40,320	120,720.00
4.5 GB Disk Drive Mod 14 Sel	2742	3,390	60	203,400	0	203,400.00
4.5 GB Disk Drive Module	2714	4,500	1	4,500	0	4,500.00
2.2 GB Disk Drive Mod 14 Sel	2731	1,760	14	24,640	0	24,640.00
2.2 GB Disk Drive Mod 7 Sel	2731	1,290	7	9,030	0	9,030.00
2.2 GB Disk Drive Mod	2712	2,600	5	13,000	0	13,000.00
Internal Expansion Unit	4002	1,800	6	10,800	23,040	33,840.00
SCSI Cables	2902	321	6	1,926	0	1,926.00
<b>POWERsrv C10 16mb/1gb</b>	<b>7009</b>	10,995	4	43,980	22,080	66,060.00
Select 4mb -> 32mb SIMM	4026	2,105	16	33,680	0	33,680.00
Add. 32mb SIMM Memory	4012	2,400	16	38,400	0	38,400.00
Select 1gb -> 2gb Disk	3038	800	4	3,200	0	3,200.00
Ethernet Adapter	2980	722	8	5,776	0	5,776.00
Terminal Server Accelerator	2407	6,284	4	25,136	4,416	29,552.00
Ethernet Hub (24port) + 10% Spares	DEH1487	310	144	44,640	0	44,640.00
IBM ASCII Terminal, Keyboard	3151-360	508	5	2,540	240	2,780.00
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<b>Hardware Subtotal</b>				874,126	153,504	1,027,630.00
<b>Software</b>						
<b>AIX 4.1.2 R30 + Support</b>	<b>5765-393</b>	3,000	1	3,000	16,500	19,500.00
<b>AIX 3.2.5 - C10s</b>	<b>5756-030</b>	6,150	4	24,600	3,960	28,560.00
Async Term Srv Accel	5765-268	195	4	780	0	780.00
Tuxedo EPT, C10 Client		3,500	4	14,000	10,500	24,500.00
Oracle Version 7.3 & SQL*Net		107,343	1	107,343	85,875	193,218.26
				-----	-----	-----
<b>Software Subtotal</b>				149,723	116,835	266,558.26
				=====	=====	=====
<b>System Total</b>				1,023,849	270,339	1,294,188.26
<b>Discounts</b>						
	%Disc	Volume				
IBM Revenue Discount	20%	855,326	(171,065.20)			
MidRange Service Agreement	17%	153,264	(26,054.88)			
Extended Maint. Option	17%	127,209	(21,625.55)			
				=====		
				<b>Total Five Year Cost</b>	<b>1,075,442.63</b>	
				<b>tpmC</b>	<b>3,631.47</b>	
				<b>\$/tpmC</b>	<b>296.15</b>	

**Warranties:**

1. All listed IBM hardware includes One year onsite Parts & Labor
2. Ethernet Hubs include five year return to factory warranty



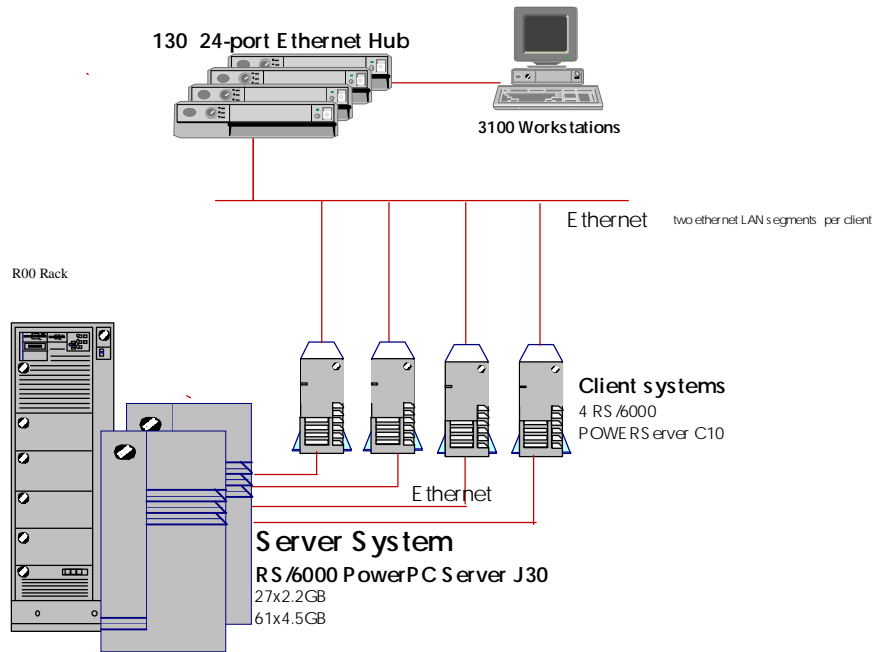
# RISC System/6000 Server Model J30 c/s

**TPC-C Rev. 3.0**

Report Date: March 19, 1996

<b>Total System Cost</b>	<b>TPC-C Local Throughput</b>	<b>Price/Performance</b>	<b>Availability Date:</b>	
<b>\$1,049,656</b>	<b>3,631.47tpmC</b>	<b>\$289/tpmC</b>	now except: <b>Oracle7 v 7.3: 7/30/96</b>	
<b>Processors</b>	<b>Data Base Manager</b>	<b>Operating System</b>	<b>Other Software</b>	<b>Number of users</b>
<b>(8) 75 Mhz PowerPC 601</b>	<b>Oracle7 ver. 7.3</b>	<b>AIX 4.1.4</b>	<b>Tuxedo EPT 4.2.1</b>	<b>3100</b>

## Priced System Configuration



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Memory	4	256 MB	1	2048 MB Main Memory
Disk Controllers	1	Integrated SCSI	7	SCSI-2 Adapter
Disk Drives	4	2.0 GB SCSI Disks	61	4.5 GB SCSI-2 Disks
			27	2.2GB SCSI-2 Disks
<b>Total GB of Storage</b>		<b>2 GB each client</b>		<b>312.55 GB</b>
Terminals	4	System Consoles	1	System Console
Terminal Connectivity	130	24 port Ethernet Hub		



**RISC System/6000  
Server Model J30 c/s**

**TPC-C Rev. 3.0**

**Report Date: March 19, 1996**

**TPC-C PRICING for RS/6000 SERVER MODEL J30**

Item Description	PART#	Unit Price	Qty	Ext Price	MAINT	TOTALS
<b>RS/6000 SERVER MODEL J30</b>	<b>7013-J30</b>	67,500	1	67,500	32,400	99,900.00
Dual 601, 64mb Memory, 2.2gb Disk, SCSI2 Diff F/W Adptr, CDROM						
Dual Processor card, 1mb L2	4302	15,000	3	45,000	21,600	66,600.00
Select 64mb->512mb Mem.	4146	36,450	1	36,450	0	36,450.00
Add 512mb Memory Cards	4158	48,600	3	145,800	0	145,800.00
Int. 4.5gb SCSI2 Disk Select	3051	n/c	1	0	0	0.00
Int. 2.2gb SCSI2 Disks	3053	2,500	6	15,000	0	15,000.00
Ethernet Adapter	2980	722	4	2,888	0	2,888.00
SCSI-2 DE HiPerf Adapters	2416	1,370	6	8,220	0	8,220.00
<b>Expansion Cabinet</b>	<b>7013-J01</b>	11,000	1	11,000	5,280	16,280.00
Int. 2.2gb SCSI2 Disks	3053	2,500	12	30,000	0	30,000.00
<b>System Rack Model R00</b>	<b>7202-R00</b>	3,110	1.0	3,110	1,488	4,598.00
<b>High Density SCSI Disk S/S</b>	<b>7134-010</b>	13,400	5	67,000	33,600	100,600.00
4.5 GB Disk Drive Mod 14 Sel	2742	3,390	60	203,400	0	203,400.00
2.2 GB Disk Drive Mod 7 Sel	2731	1,290	7	9,030	0	9,030.00
2.2 GB Disk Drive Mod	2712	2,600	2	5,200	0	5,200.00
Internal Expansion Unit	4002	1,800	5	9,000	19,200	28,200.00
SCSI Cables	2902	321	5	1,605	0	1,605.00
<b>POWERsrv C10 16mb/1gb</b>	7009	10,995	4	43,980	22,080	66,060.00
Select 4mb -> 32mb SIMM	4026	2,105	16	33,680	0	33,680.00
Add. 32mb SIMM Memory	4012	2,400	16	38,400	0	38,400.00
Select 1gb -> 2gb Disk	3038	800	4	3,200	0	3,200.00
Ethernet Adapter	2980	722	8	5,776	0	5,776.00
Terminal Server Accelerator	2407	6,284	4	25,136	4,416	29,552.00
Ethernet Hub (24port) + 10% Spares	DEH1487	310	144	44,640	0	44,640.00
IBM ASCII Terminal, Keyboard	3151-360	508	5	2,540	240	2,780.00
<b>Hardware Subtotal</b>				857,555	140,304	997,859.00
<b>Software</b>						
<b>AIX 4.1.2 J30 + Support</b>	5765-393	3000	1	3,000	16,500	19,500.00
<b>AIX 3.2.5 - C10s</b>	5756-030	6150	4	24,600	3,960	28,560.00
Async Term Srv Accel	5765-268	195	4	780	0	780.00
Tuxedo EPT, C10 Client		3500	4	14,000	10,500	24,500.00
Oracle Version 7.3 & SQL*Net		105435	1	105,435	84,348	189,782.10
<b>Software Subtotal</b>				147,815	115,308	263,122.10
<b>System Total</b>				1,005,370	255,612	1,260,981.10
<b>Discounts</b>						
	%Disc	Volume				
IBM Revenue Discount	20%	838,755				(167,751.00)
MidRange Service Agreement	17%	140,064				(23,810.88)
Extended Maint. Option	17%	116,253				(19,763.03)
<b>Total Five Year Cost</b>						<b>1,049,656.19</b>
<b>tpmC</b>						<b>3,631.47</b>
<b>\$/tpmC</b>						<b>289.04</b>

**Warranties:**

1. All listed IBM hardware includes One year onsite Parts & Labor
2. Ethernet Hubs include five year return to factory warranty