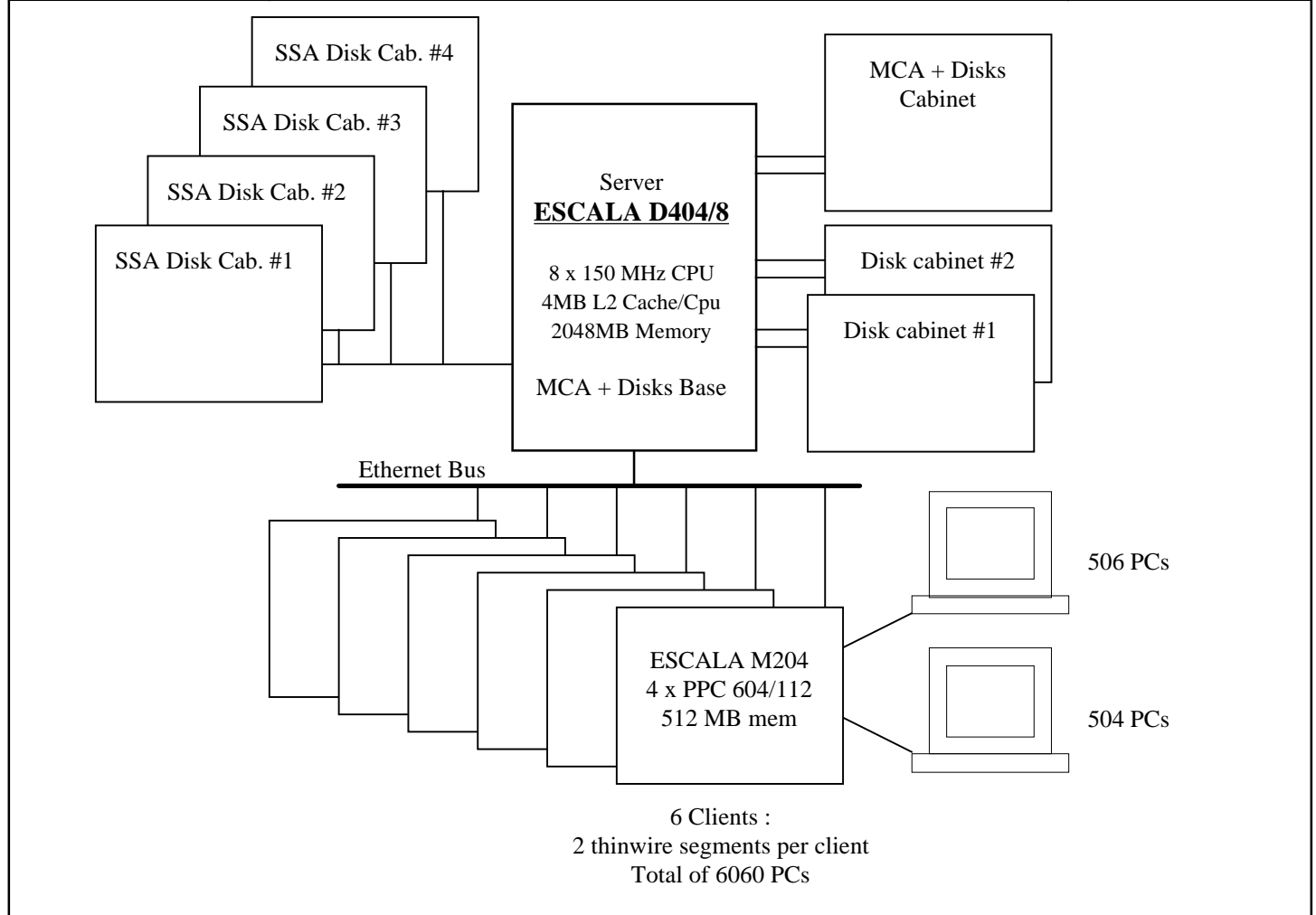


BULL S.A.	ESCALA D404/8			TPC - C Rev.3.2
				Report Date November 14, 1996
Total System	TPC - C Throughput		Price / Performance	Availability date
\$ 1,429,252	7,303.67 tpmC		\$195.68 per tpmC	January 1997
Processors	Database Manager	Operating System	Other Software	Number of users
8 Power PC 604 @ 150MHz	Sybase SQL server 11.0.3	System AIX4.2.0	TCP-IP Tuxedo 4.2.2 V2	6060



System Components	Server		Clients	
	Qty	Type	Qty	Type
Processors	8	Power PC 604e @150MHz	6	4* PPC 604 @ 112 MHz
Cache L2	8	4 MB L2 cache per Cpu	6	1 MB L2 cache per Cpu
Memory (MB)	2048 MB	(4 x 512MB)	6	512 MB
Disk Controllers	9	(1 SSA + 8 FW SCSI 2)	18	integrated SCSI adapter
Disk Drives	128	(64 x 4.5GB + 64 x 4.2GB)	12	2.1GB SCSI II
Total Storage (GB)	537 GB			
CDROM	1	CDROM		
Terminals	1	BQ306 console	6	BQ306 console

Bull S.A.

ESCALA D404-8

TPC-C REV 3.2 EXECUTIVE
SUMMARY
PAGE 2 OF 2

Client/Server

Report Date: Nov. 14, 96

Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware		Brand Pricing				
ESCALA D404 8WAY PACKAGED SYSTEM (8 *PPC604e, 1GB mem, 12*4.2GB, CDROM, Eth)	CPXG145-U0000		178000	1	178000	28272
3.5M CABLE LOCAL RS232 (D25F/D25M)	CBLG104-1600		100	1	100	0
5M CABLE ETH TO TRANSCEIVER	VCW3630		150	1	150	0
2M SCSI CABLE (SCSI2-DE basic or exp. cab.to other cabinet)	CBLG102-1300		245	6	1470	0
SYSTEM CONSOLE BQ 306 (White display, AZERTY kbd, conn. cable)	CSUG002-1100		620	1	620	48
4.2GB HI SPEED SCSI-2 DISK DRIVE (CRU)	MSUG066-0C00		2970	4	11880	3648
512MB Memory module	CMMG023-0000		31500	2	63000	0
100.8 GB Disk expansion cabinet	CABG018-U0000		61960	2	123920	44352
3"1/2 to 5"1/4 form factor adaptor	CKTG047-0000		88	3	264	0
Supply InterFace Board (SIF10)	PSSG003-0000		440	3	1320	0
SCSI-2 F/W DE Ext Disk Adapter	MSCG012-0000		1370	6	8220	0
SSA 4-PORT ADAPTER	MSCG021-0000		1370	1	1370	0
SSA DISK SUBSYSTEM DESKSIDE with 16*4.5GB disks	SSAG001-U000		57606	4	230424	84096
				Subtotal	620738	160416
Server Software						
SQL Server V11, Open Client, 5%discount		Sybase	152375	2	152375	128316
				Subtotal	152375	128316
Client Hardware						
ESCALA M204 MINITOWER Packaged SYSTEM (4*PPC604, 512MB,2* DK 2.1GB, CD-ROM, ETH)	CPXG146-U000		52830	6	316980	75456
ETHERNET LAN ADAPTER (LSA)	DCCG074-0000		720	12	8640	0
				Subtotal	325620	75456
Client Software						
BEA TUXEDO R4.2.2		BEA	3500	3	21000	15750
				Subtotal	21000	15750
User Connectivity						
24 PORT 10base-T HUB		Netlux	251	1	251	0
24 PORT 10base-T HUB (spare 10%)		Netlux	251	26	6326	0
				Subtotal	71535	0
				Other	-141954	0
				Discounts		
				Total	1049314	379938

Notes:

* Dollar volume discount 15% on Bull Hardware

1=Netlux, 2=Sybase, 3=BEA

Audited by François Raab, Information Paradigm

Five-Year Cost of Ownership 1429252
tpmC Rating: 7303.67
\$ / tpmC: 195.68