IBM CORPORATION

PC SERVER 325 (TYPE 8639) MODEL PBO, PTO, PTW, RBO

Processor	Pentium II/Pentium Pro
Processor Speed	233/266MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	1MB
Cache	256KB
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (6), Ethernet 10BaseT connector, floppy drive interface, Wide SCSI interfaces (2), parallel port, PS/2 mouse port, serial port, USB connectors (2)
NPU Options	None
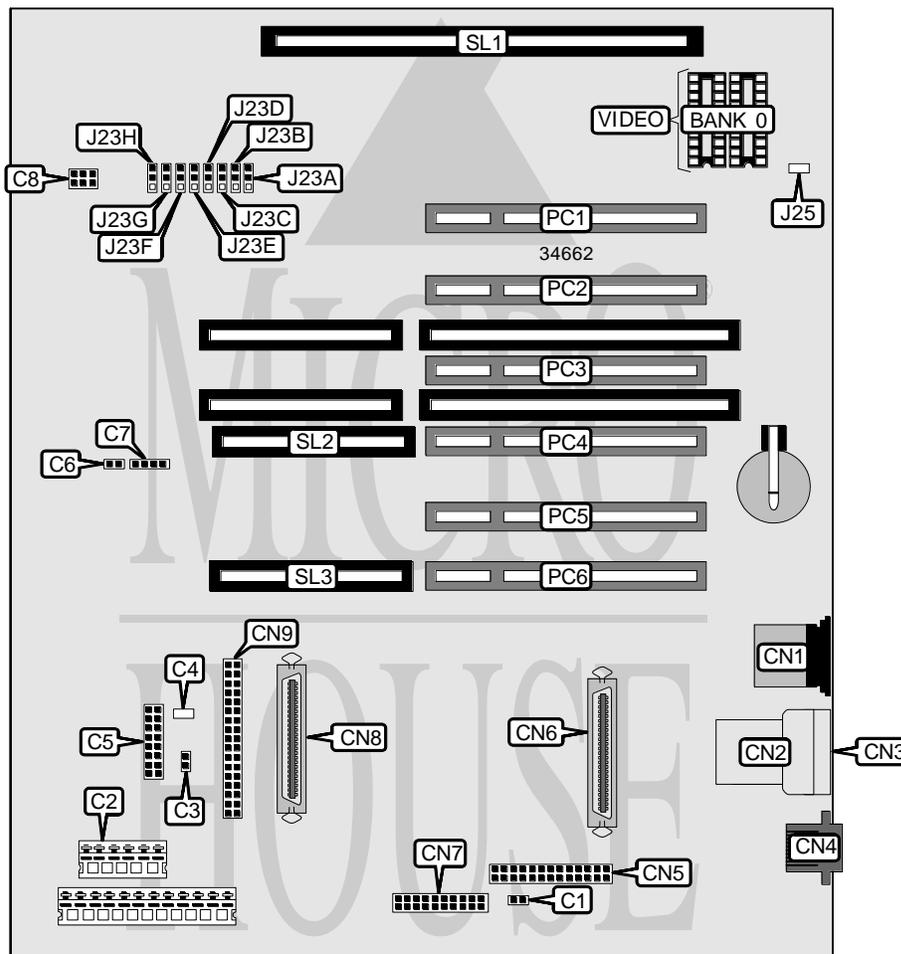
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Chassis fan power	C1	Ethernet 10Base T connector	CN4
Auxiliary power	C2	Parallel port	CN5
Hard drive fan power	C3	Wide SCSI interface (external)	CN6
System fan power	C4	Serial port	CN7
Operator panel connector	C5	Wide SCSI interface (internal)	CN8
Chassis fan power	C6	Floppy drive interface	CN9
Speaker	C7	32-bit PCI slots	PC1 - PC6
Keylock	C8	CPU slot	SL1
PS/2 mouse port	CN1	System Management slot	SL2
USB connector	CN2	RAID slot	SL3
USB connector	CN3		

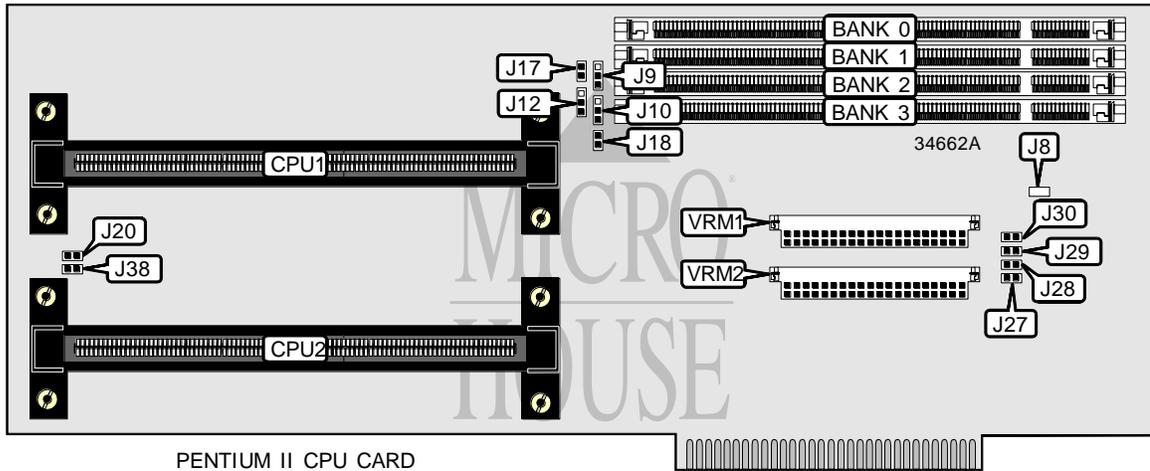| USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Factory configured - do not alter (video enable/disable)	J25	Unidentified
Flash write disabled	J23C	Pins 1 & 2 closed
Flash write enabled	J23C	Pins 2 & 3 closed
BIOS normal operation	J23D	Pins 1 & 2 closed
BIOS recovery mode	J23D	Pins 2 & 3 closed
Boot block disabled	J23E	Pins 1 & 2 closed
Boot block enabled	J23E	Pins 2 & 3 closed
VPD write disabled	J23F	Pins 1 & 2 closed
VPD write enabled	J23F	Pins 2 & 3 closed
í CMOS memory normal operation	J23G	Pins 1 & 2 closed
CMOS memory clear	J23G	Pins 2 & 3 closed
í Factory configured - do not alter	J23H	Open

VIDEO MEMORY CONFIGURATION	
Size	**Bank 0**
1MB	(2) 256K x 16

CPU TYPE SELECTION		
Type	**J28A**	**J28B**
Pentium II	Pins 2 & 3 closed	Pins 2 & 3 closed
Pentium Pro	Pins 1 & 2 closed	Pins 1 & 2 closed

PENTIUM II CPU CARD

CONNECTIONS			
Purpose	Location	Purpose	Location
VRM connector	VRM1	VRM connector	VRM2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J8	Unidentified

DIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
160MB	(1) 16M x 64	(1) 4M x 64	None	None
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO memory.				

CACHE CONFIGURATION
Note: 256KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION						
Speed	J9	J10	J12	J17	J18	J20
233MHz	2 & 3	Open	2 & 3	Open	Closed	Closed
266MHz	2 & 3	Open	2 & 3	Open	Closed	Closed
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CON'T)					
Speed	J27	J28	J29	J30	J38
233MHz	Closed	Open	Open	Closed	Open
266MHz	Closed	Closed	Closed	Open	Open
Note: Pins designated should be in the closed position.					

MISCELLANEOUS TECHINCAL NOTE
A diagram & jumper settings for the Pentium Pro CPU card is unidentified.