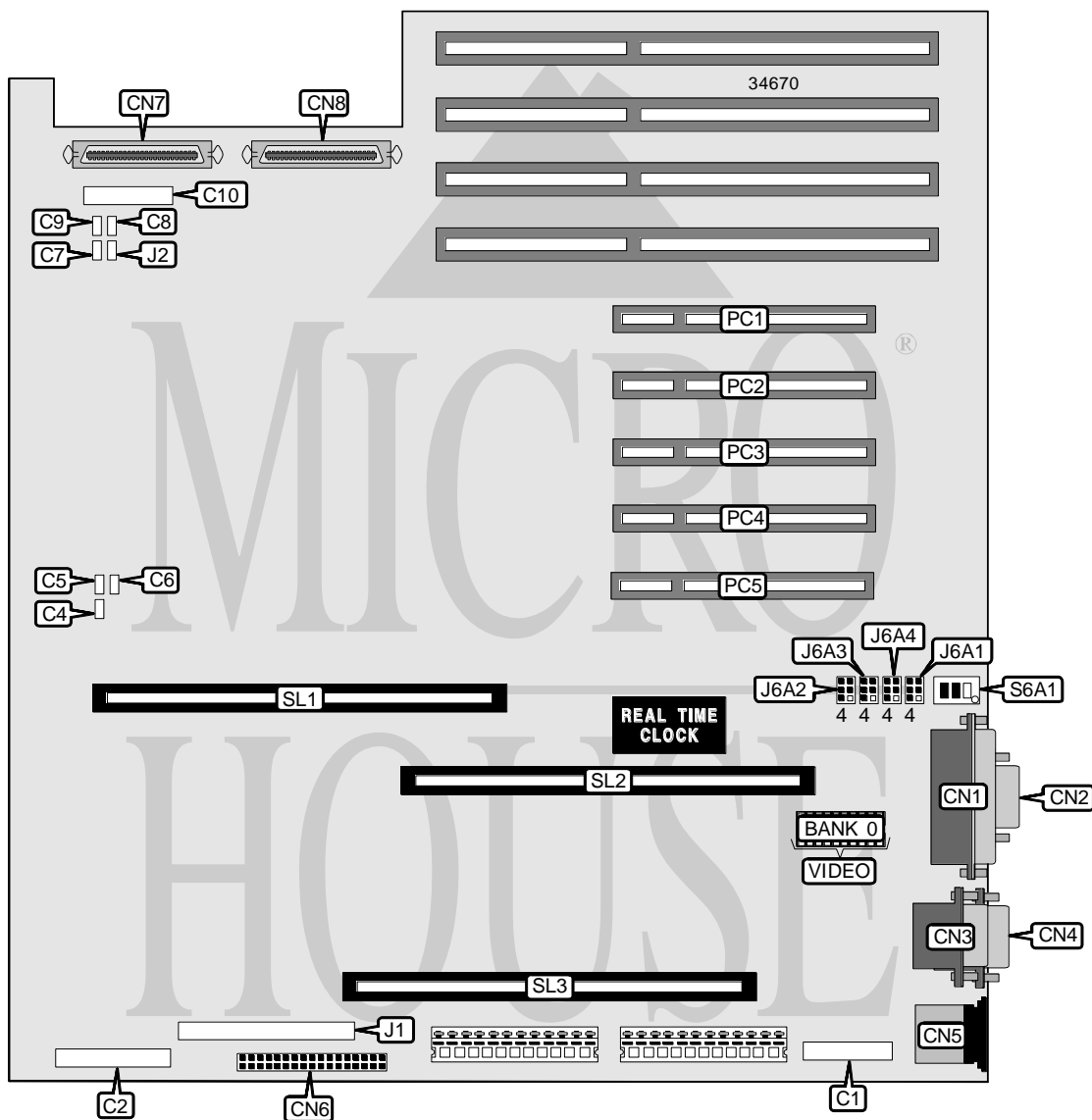


# IBM CORPORATION PC SERVER 704 (TYPE 8650) MODEL 4BW

<b>Processor</b>	Pentium Pro
<b>Processor Speed</b>	166MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Cirrus Logic
<b>Maximum Onboard Memory</b>	2GB
<b>Maximum Video Memory</b>	1MB
<b>Cache</b>	512KB (located on Pentium Pro CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	32-bit PCI slots (5), floppy drive interface, Ultra Wide SCSI interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, riser slots (2), memory slot
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Power control connector	C1	Serial port	CN3
Front panel connector	C2	Serial port	CN4
Chassis fan power	C4	PS/2 mouse port	CN5
Chassis fan power	C5	Floppy drive interface	CN6
SCSI interface LED	C6	Ultra Wide SCSI interface	CN7
Chassis fan power	C8	Ultra Wide SCSI interface	CN8
Chassis fan power	C9	32-bit PCI slots	PC1 – PC5
SCSI interface LED	C10	CPU slot	SL1
Parallel port	CN1	CPU slot	SL2
VGA port	CN2	Memory slot	SL3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	C7	Unidentified
í Factory configured - do not alter	J1	Unidentified
í Factory configured - do not alter	J2	Unidentified
í Flash BIOS normal operation	J6A1	Pins 1 & 2 closed
Flash BIOS recovery mode	J6A1	Pins 2 & 3 closed
í BIOS boot block write protected	J6A1	Pins 4 & 5 closed
BIOS boot block write programmable	J6A1	Pins 5 & 6 closed
í Video sleep register select 03C3H	J6A2	Pins 4 & 5 closed
Video sleep register select 46E8H	J6A2	Pins 5 & 6 closed
í Factory configured - do not alter	J6A3	Unidentified
í Flash BIOS update disabled	J6A4	Pins 1 & 2 closed
Flash BIOS update enabled	J6A4	Pins 2 & 3 closed
í CMOS memory normal operation	S6A1/1	Off
CMOS memory clear	S6A1/1	On
í Password normal operation	S6A1/2	Off
Password clear	S6A1/2	On
í Factory configured - do not alter	S6A1/3	Off

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(4) 4M x 36	None	None	None
128MB	(4) 8M x 36	None	None	None
128MB	(4) 4M x 36	(4) 4M x 36	None	None
192MB	(4) 4M x 36	(4) 4M x 36	(4) 4M x 36	None
256MB	(4) 16M x 36	None	None	None
256MB	(4) 4M x 36	(4) 4M x 36	(4) 4M x 36	(4) 4M x 36
256MB	(4) 8M x 36	(4) 8M x 36	None	None
384MB	(4) 8M x 36	(4) 8M x 36	(4) 8M x 36	None
512MB	(4) 32M x 36	None	None	None

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DIMM/SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512MB	(4) 8M x 36	(4) 8M x 36	(4) 8M x 36	(4) 8M x 36
512MB	(4) 16M x 36	(4) 16M x 36	None	None
768MB	(4) 16M x 36	(4) 16M x 36	(4) 16M x 36	None
1024MB	(4) 16M x 36	(4) 16M x 36	(4) 16M x 36	(4) 16M x 36
1024MB	(4) 32M x 36	(4) 32M x 36	None	None
1536MB	(4) 32M x 36	(4) 32M x 36	(4) 32M x 36	None
2048MB	(4) 32M x 36	(4) 32M x 36	(4) 32M x 36	(4) 32M x 36

CACHE CONFIGURATION
Note: 512KB cache is located on the Pentium Pro CPU.

VIDEO MEMORY CONFIGURATION	
Size	Bank 0
512KB	512KB
1MB	1MB
Note: The size of the video memory is unidentified.	