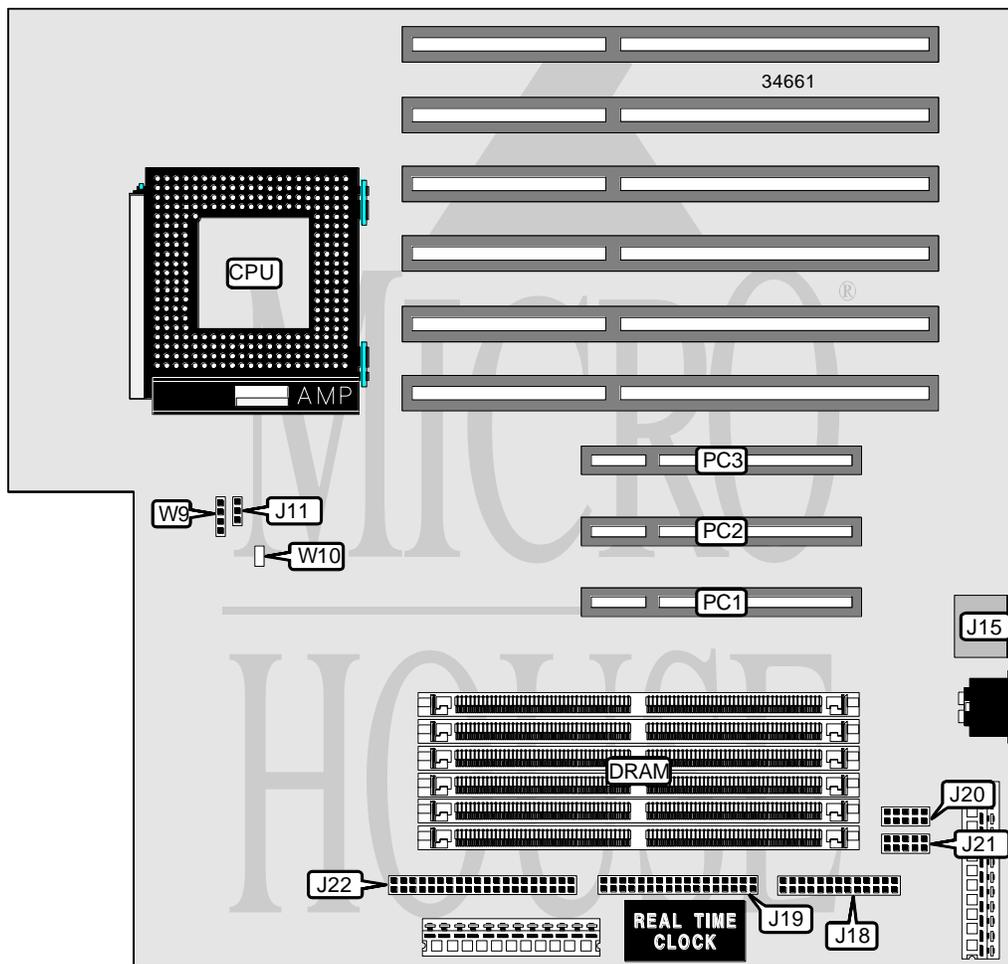


IBM CORPORATION PC SERVER 300 (TYPE 8640) OPO, 1P0, OPT, 1PT

Processor	Pentium
Processor Speed	60MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	192MB
Maximum Video Memory	None
Cache	256/512KB
BIOS	Unidentified
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None



THE LOCATION OF ALL JUMPERS ARE UNIDENTIFIED

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CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	J11	IDE interface	J22
PS/2 mouse port	J15	Auxiliary power	P3
Parallel port	J18	Power LED	W9
Floppy drive interface	J19	IDE interface LED	W10
Serial port 1	J20	32-bit PCI slots	PC1 – PC3
Serial port 2	J21		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Parity check enabled	J1	Closed
Parity check disabled	J1	Open
í Cache type select write back	J2	Open
Cache type select write through	J2	Closed
í Oscillator for U15	J6	Pins 1 & 2 closed
Clock synthesizer	J6	Pins 2 & 3 closed
í BIOS normal operation	W2	Pins 2 & 3 closed
BIOS recovery mode	W2	Pins 1 & 2 closed
í PS/2 mouse enabled	W6	Closed
PS/2 mouse disabled	W6	Open
í Factory configured - do not alter	W20	Pins 2 & 3 closed

SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(2) 1M x 36	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None
16MB	(2) 2M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
32MB	(2) 2M x 36	(2) 2M x 36	None
32MB	(2) 4M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36	None
64MB	(2) 8M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36	None
128MB	(2) 16M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36

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CACHE CONFIGURATION	
Note: The location of the cache is unidentified.	

CACHE JUMPER CONFIGURATION			
Size	J3	J4	J35
None	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
256KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU CLOCK SPEED SELECTION	
Speed	J5
50MHz	Closed
66MHz	Open

CPU VOLTAGE SELECTION			
Voltage	J40	J41	J42
5v	Closed	N/A	N/A
5.3v	Power module installed	Power module installed	Power module installed

Note: All pins on J40 must be closed.

DMA CHANNEL SELECTION		
Channel	W14	W16
6	Pins 1 & 2 closed	Pins 1 & 2 closed
7	Pins 2 & 3 closed	Pins 2 & 3 closed