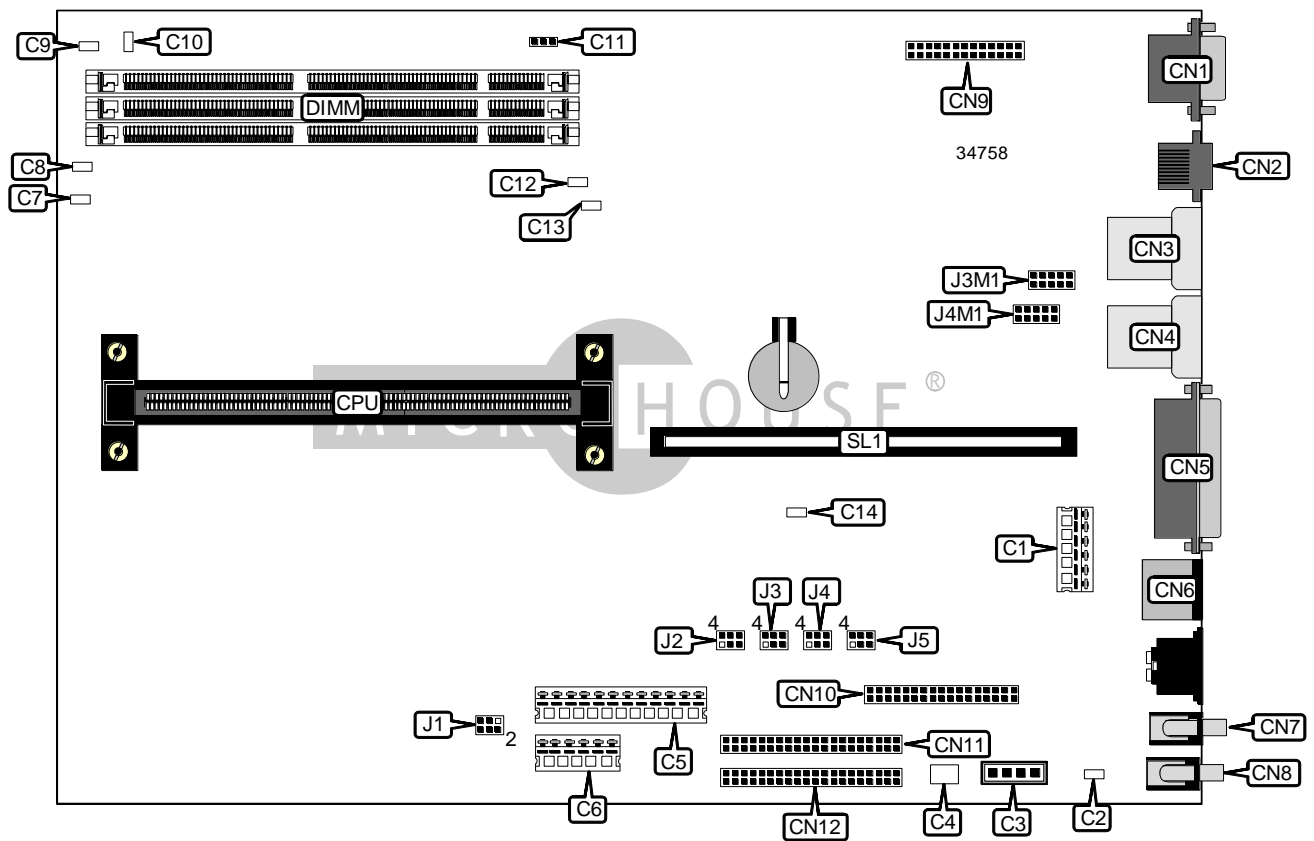


IBM CORPORATION PC300 (TYPE 6588)

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	Unidentified
Cache	256/512KB (located on Pentium II CPU)
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	Ethernet 10BaseT connector, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, VGA feature connector, VGA port, riser slot, IR connector, USB connectors (2), line in, line out, wavetable connector, audio in – CD-ROM
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
5v auxiliary power	C1	Ethernet 10BaseT connector	CN2
Telejack connector	C2	USB connector 2	CN3
Audio in - CD-ROM	C3	USB connector 1	CN4
Wavetable connector	C4	Parallel port	CN5
5v power	C5	PS/2 mouse port	CN6
3.3v auxiliary power	C6	Line out	CN7
Power switch connector	C7	Line in	CN8
Power LED/IDE interface LED	C8	VGA feature connector	CN9
CPU fan power	C9	Floppy drive interface	CN10
Chassis fan power	C10	IDE interface 2	CN11
SCSI interface LED	C11	IDE interface 1	CN12
Wake on LAN connector	C12	IR connector	J3M1
Wake on modem connector	C13	Serial port	J4M1
Chassis security connector	C14	Riser slot	SL1
VGA port	CN1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Flash BIOS normal operation	J1	Pins 5 & 6 closed
Flash BIOS recovery mode	J1	Pins 4 & 5 closed
Floppy drive normal operation	J2	Pins 5 & 6 closed
Floppy drive read only	J2	Pins 4 & 5 closed
í Factory configured - do not alter	J4	Pins 2 & 3 closed
í CMOS memory normal operation	J4	Pins 5 & 6 closed
CMOS memory clear	J4	Pins 4 & 5 closed
Password normal operation	J5	Pins 2 & 3 closed
Password clear	J5	Pins 1 & 2 closed
Setup access normal operation	J5	Pins 5 & 6 closed
Setup access disabled	J5	Pins 4 & 5 closed

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

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DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None

Note: Board accepts EDO memory.

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II CPU.

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VIDEO MEMORY CONFIGURATION

Note: The size and location of the video memory is unidentified.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J2	J3
233MHz	66MHz	3.5x	2 & 3	2 & 3, 5 & 6
266MHz	66MHz	4x	1 & 2	1 & 2, 4 & 5
300MHz	66MHz	4.5x	1 & 2	2 & 3, 4 & 5

Note: Pins designated should be in the closed position.