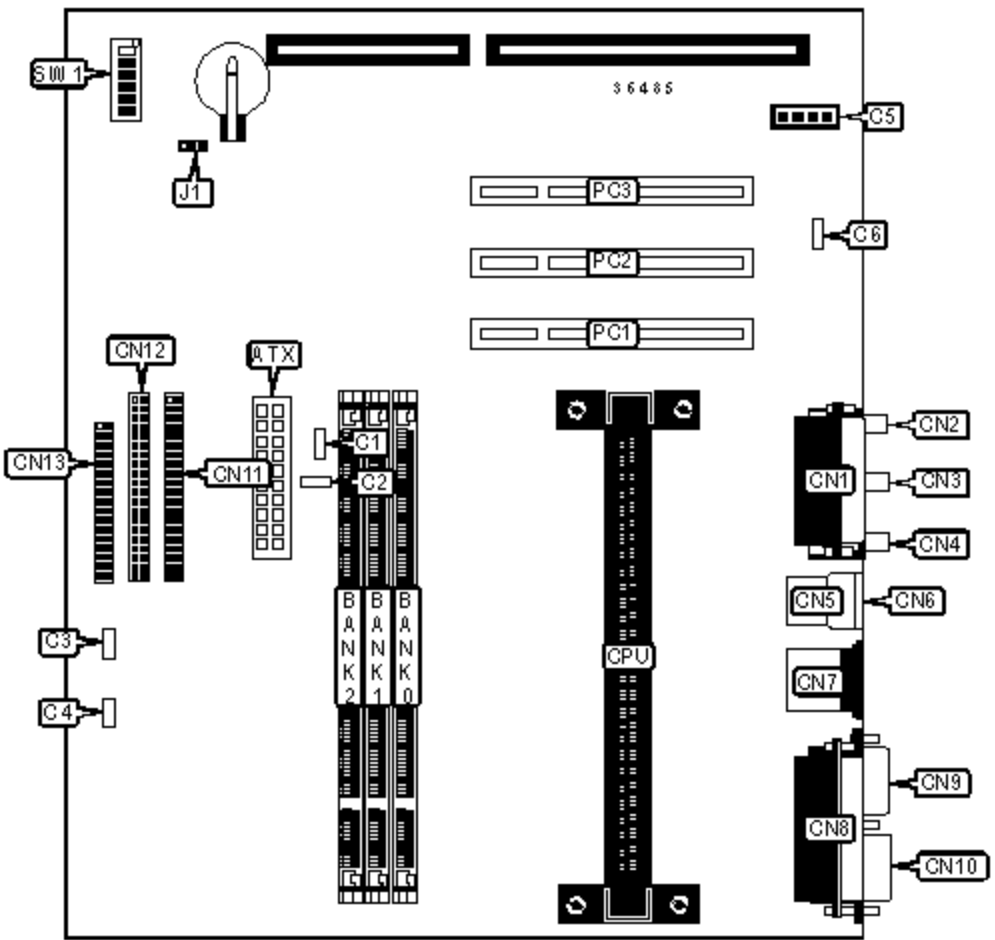


IBM CORPORATION

PC 300 (TYPE 6277, 6287) PENTIUM II, PENTIUM III

Device Type	Mainboard
Processor	Pentium II/Pentium III
Processor Speed	350/400/450MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	384MB (SDRAM supported)
Maximum Video Memory	Unidentified
Audio Chip Set	Unidentified
Cache	256/512KB (located on the CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game/MIDI port, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, VGA port, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROM, wake on LAN connector, wake on modem connector



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	USB connector 1	CN5
Wake on modem connector	C1	USB connector 2	CN6
Wake on LAN connector	C2	PS/2 mouse port	CN7
LED	C3	Parallel port	CN8

Soft off power supply	C4	Serial port	CN9
Audio in - CD-ROM	C5	VGA port	CN10
Speaker	C6	IDE interface 1	CN11
Game/MIDI port	CN1	IDE interface 2	CN12
Microphone in	CN2	Floppy drive interface	CN13
Line in	CN3	32-bit PCI slots	PC1 - PC3
Line out	CN4		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	J1	Pins 1 & 2 closed
	CMOS memory clear	J1	Pins 2 & 3 closed
»	Flash BIOS normal operation	SW1/5	Off
	Flash BIOS recovery mode	SW1/5	On
»	Floppy drive write protect disabled	SW1/6	Off
	Floppy drive write protect enabled	SW1/6	On

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
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) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
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) 8M x 64	(1) 2M x 64	None
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) 8M x 64	(1) 4M x 64	None

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
136MB	(1) 16M x 64	(1) 1M x 64	None

136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
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) 16M x 64	(1) 4M x 64	None
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) 16M x 64	(1) 8M x 64	None
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

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

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

VIDEO MEMORY CONFIGURATION

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

CPU SPEED SELECTION (PENTIUM II)

CPU	CPU	Multi	SW1/1	SW1/2	SW1/3	SW1/4
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CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
350MHz	100MHz	3.5x	Off	Off	On	On
400MHz	100MHz	4x	On	On	Off	On
450MHz	100MHz	4.5x	Off	On	Off	On

CPU SPEED SELECTION (PENTIUM III)

Note: No switch settings are required for the Pentium III CPU.