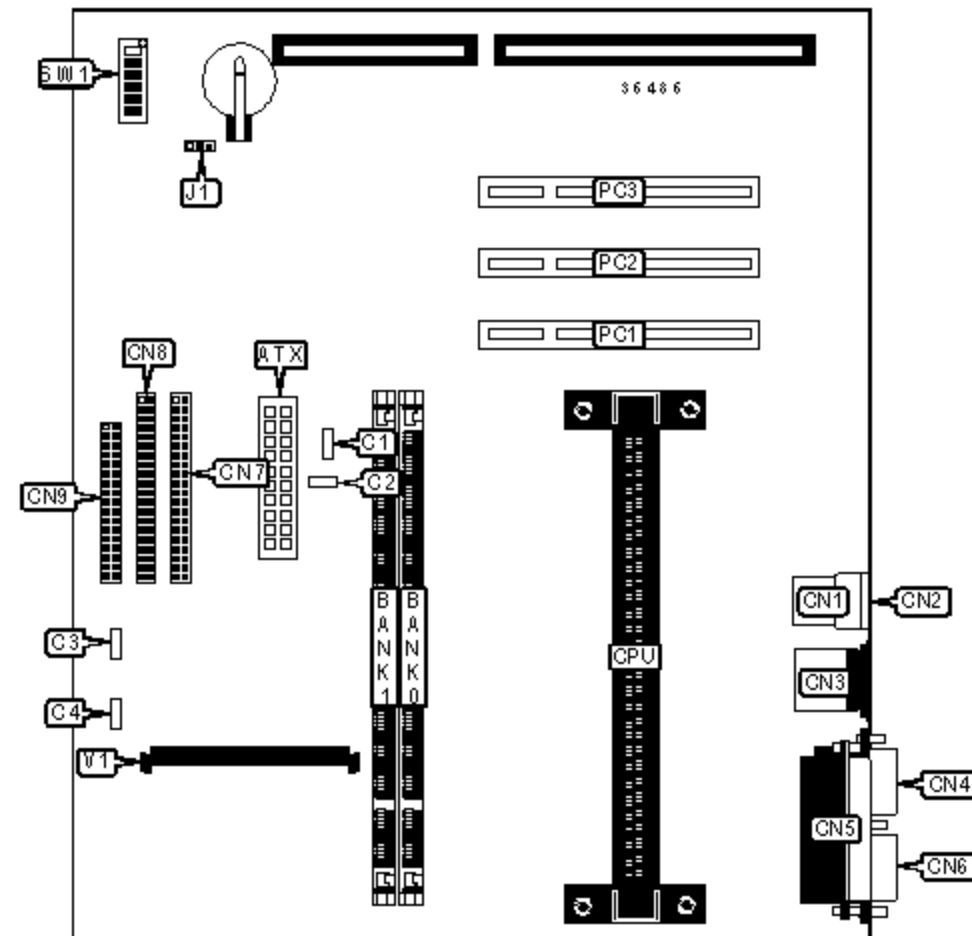


# IBM CORPORATION

## PC 300 (TYPE 6267, 6277, 6287) CELERON

<b>Device Type</b>	Mainboard
<b>Processor</b>	Celeron
<b>Processor Speed</b>	300//366/400/433MHz
<b>Chip Set</b>	Unidentified
<b>Video Chip Set</b>	Unidentified
<b>Maximum Onboard Memory</b>	256MB (SDRAM supported)
<b>Maximum Video Memory</b>	Unidentified
<b>Audio Chip Set</b>	Unidentified
<b>Cache</b>	128KB (located on Celeron CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial port, VGA port, USB connectors (2), ATX power connector, wake on LAN connector, wake on modem connector



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	CN4
Wake on modem connector	C1	Serial port	CN5
Wake on LAN connector	C2	VGA port	CN6
LED	C3	IDE interface 1	CN7

Soft off power supply	C4	IDE interface 2	CN8
USB connector 1	CN1	Floppy drive interface	CN9
USB connector 2	CN2	32-bit PCI slots	PC1 - PC3
PS/2 mouse port	CN3		

### 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
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64

72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts SDRAM memory.		

### CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron CPU.

### VIDEO MEMORY CONFIGURATION

Note: The size of the video memory is unidentified.

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
366MHz	66MHz	5.5x	Off	Off	Off	On
400MHz	66MHz	6x	On	On	On	Off
433MHz	66MHz	6.5x	Off	On	On	Off