IBM CORPORATION

PC 300 (TYPE 6561, 6591, 6872)

Device Type	Mainboard
Processor	Pentium II/Celeron/Pentium III
Processor Speed	266/300/333/350/400/450MHz
Chip Set	Unidentified
Maximum Onboard Memory	384MB DRAM (EDO supported)
Cache	0/128/256/512 (located on the CPU)
BIOS	Unidentified
Video Chip Set	Unidentified
I/O Options	Parallel port, PS/2 mouse port, serial ports (2), video port, USB port (2), Ethernet RJ45 connector, audio line out, audio line in, microphone connector, AGP port
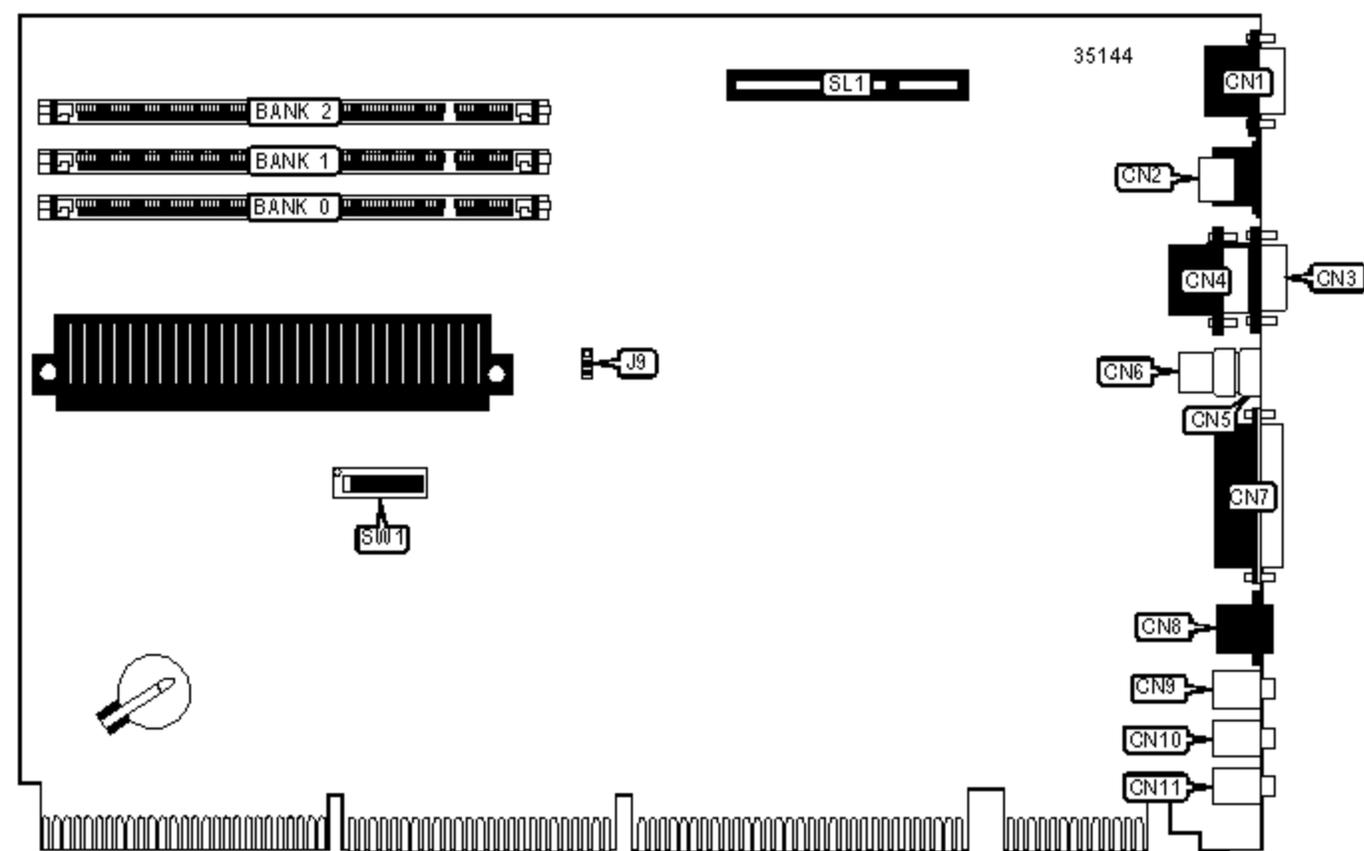
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Video port	CN1	Parallel port	CN7
PS/2 mouse port	CN2	Ethernet RJ-45 connector	CN8
Serial port 1	CN3	Audio line in	CN9
Serial port 2	CN4	Audio line out	CN10
USB port 1	CN5	Microphone	CN11
USB port 2	CN6	AGP port	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» CMOS memory normal operation	J9	Pins 1 & 2 closed
CMOS memory clear	J9	Pins 2 & 3 closed
» Normal ROM operation	SW1/5	Off
ROM recovery mode	SW1/5	On
» Factory configured - do not alter	SW1/6	Off
» Password disabled	SW1/7	Off
Password enabled	SW1/7	On
» Disk write enabled	SW1/8	Off
Disk write protected	SW1/8	On
Note: Orientation of SW1 unidentified.		

DRAM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
8MB	(1) 1MB x 64	None	None
16MB	(1) 1MB x 64	(1) 1MB x 64	None
16MB	(1) 2MB x 64	None	None
24MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64
24MB	(1) 2MB x 64	(1) 1MB x 64	None
32MB	(1) 4MB x 64	None	None
32MB	(1) 2MB x 64	(1) 2MB x 64	None
32MB	(1) 2MB x 64	(1) 1MB x 64	(1) 1MB x 64
40MB	(1) 4MB x 64	(1) 1MB x 64	
40MB	(1) 2MB x 64	(2) 2MB x 64	(1) 1MB x 64
48MB	(1) 4MB x 64	(1) 2MB x 64	None
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64

48MB	(1) 4MB x 64	(1) 1MB x 64	(1) 1MB x 64
56MB	(1) 4MB x 64	(1) 2MB x 64	(1) 1MB x 64
64MB	(1) 8MB x 64	None	None
64MB	(1) 4MB x 64	(1) 4MB x 64	None
64MB	(1) 4MB x 64	(1) 2MB x 64	(1) 2MB x 64
72MB	(1) 8MB x 64	(1) 1MB x 64	None
72MB	(1) 4MB x 64	(1) 4MB x 64	(1) 1MB x 64
80MB	(1) 8MB x 64	(1) 2MB x 64	None
80MB	(1) 4MB x 64	(1) 4MB x 64	(1) 2MB x 64
80MB	(1) 8MB x 64	(1) 1MB x 64	(1) 1MB x 64
88MB	(1) 8MB x 64	(1) 2MB x 64	(1) 1MB x 64
96MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64
96MB	(1) 8MB x 64	(1) 4MB x 64	None
96MB	(1) 8MB x 64	(1) 2MB x 64	(1) 2MB x 64
104MB	(1) 8MB x 64	(1) 4MB x 64	(1) 1MB x 64
112MB	(1) 8MB x 64	(1) 4MB x 64	(1) 2MB x 64
128MB	(1) 16MB x 64	None	None
128MB	(1) 8MB x 64	(1) 8MB x 64	None
128MB	(1) 8MB x 64	(1) 4MB x 64	(1) 4MB x 64
136MB	(1) 16MB x 64	(1) 1MB x 64	None
136MB	(1) 8MB x 64	(1) 8MB x 64	(1) 1MB x 64
144MB	(1) 16MB x 64	(1) 2MB x 64	None
144MB	(1) 8MB x 64	(1) 8MB x 64	(1) 2MB x 64
144MB	(1) 16MB x 64	(1) 1MB x 64	(1) 1MB x 64
152MB	(1) 16MB x 64	(1) 2MB x 64	(1) 1MB x 64
160MB	(1) 16MB x 64	(1) 4MB x 64	None
160MB	(1) 8MB x 64	(1) 8MB x 64	(1) 4MB x 64
160MB	(1) 16MB x 64	(1) 2MB x 64	(1) 2MB x 64

168MB	(1) 16MB x 64	(1) 4MB x 64	(1) 1MB x 64
176MB	(1) 16MB x 64	(1) 4MB x 64	(1) 2MB x 64
192MB	(1) 16MB x 64	(1) 8MBx 64	None
192MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64
192MB	(1) 16MB x 64	(1) 4MB x 64	(1) 4MB x 64
200MB	(1) 16MB x 64	(1) 8MB x 64	(1) 1MB x 64
208MB	(1) 16MB x 64	(1) 8MB x 64	(1) 2MB x 64
224MB	(1) 16MB x 64	(1) 8MB x 64	(1) 4MB x 64
256MB	(1) 16MB x 64	(1) 16MB x 64	None
256MB	(1) 16MB x 64	(1) 8MB x 64	(1) 8MB x 64
264MB	(1) 16MB x 64	(1) 16MB x 64	(1) 1MB x 64
272MB	(1) 16MB x 64	(1) 16MB x 64	(1) 2MB x 64
288MB	(1) 16MB x 64	(1) 16MB x 64	(1) 4MB x 64
320MB	(1) 16MB x 64	(1) 16MB x 64	(1) 8MB x 64
384MB	(1) 16MBx 64	(1) 16MB x 64	(1) 16MB x 64

CPU SPEED SELECTION (PENTIUM II)						
Speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
233MHz	66MHz	3.5x	Off	Off	On	On
266MHz	66MHz	4x	On	On	Off	On
300MHz	66MHz	4.5x	Off	On	Off	On
333MHz	66MHz	5x	On	Off	Off	On
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 (CELERON)						
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
433MHz	100MHz	4.5x	Off	On	On	Off