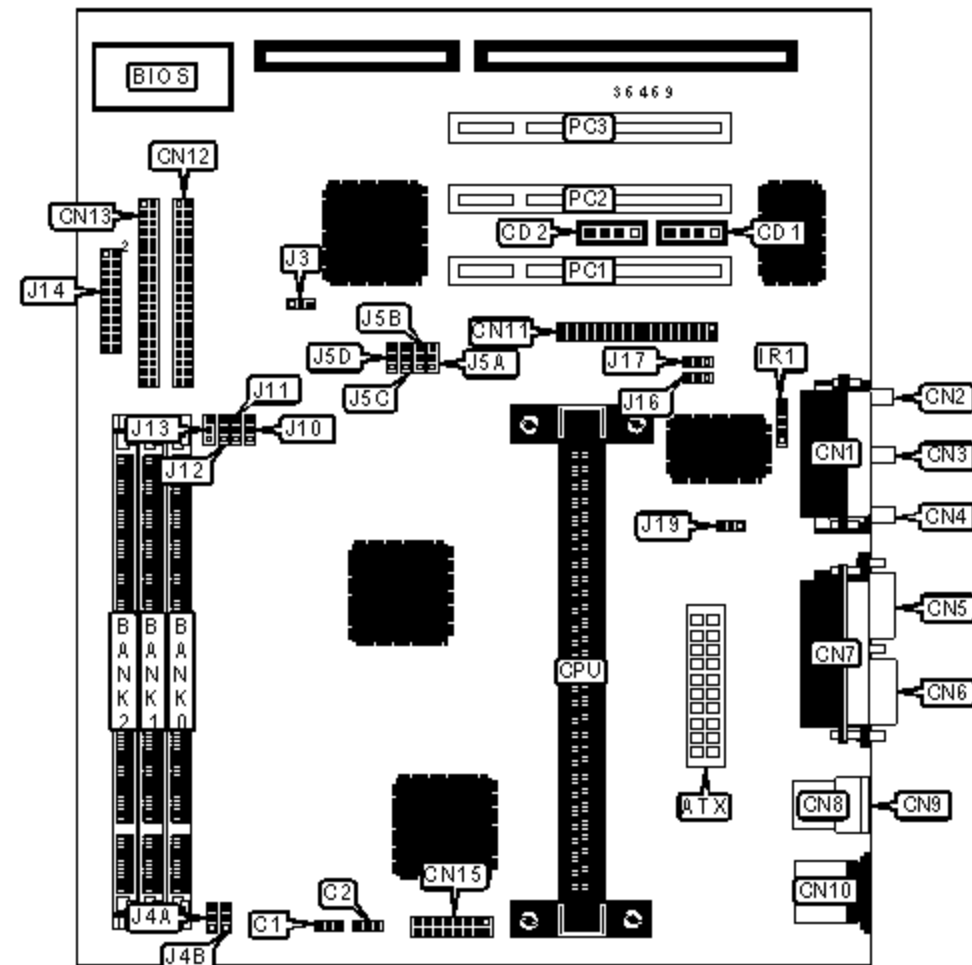


PC CHIPS MANUFACTURING, LTD.

M730

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/366/350/400/450/500MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	768MB (SDRAM & PC100 supported)
Maximum Video Memory	Unidentified
Audio Chip Set	Unidentified
Cache	0/128/256/512KB (located on the CPU)
BIOS	AMI
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 ports (2), IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in – CD-ROMs (2), wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Floppy drive interface	CN11
Chassis fan power	C1	IDE interface 1	CN12
Chassis fan power	C2	IDE interface 2	CN13

Audio in – CD-ROM	CD1	VGA interface	CN15
Audio in – CD-ROM	CD2	IR connector	IR1
Game/MIDI port	CN1	Speaker	J14/pins 1/3/5/7
Line out	CN2	Power LED & keylock	J14/pins 2/4/6/8/10
Microphone in	CN3	IDE interface LED	J14/pins 15 & 16
Line in	CN4	Reset switch	J14/pins 17 & 18
Serial port 2	CN5	Soft off power supply	J14/pins 21 & 22
Serial port 1	CN6	Digital audio out	J16
Parallel port	CN7	Digital audio in	J17
USB connector 1	CN8	Wake on LAN connector	J19
USB connector 2	CN9	32-bit PCI slots	PC1 – PC3
PS/2 mouse port	CN10		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	J3	Pins 1 & 2 closed
	CMOS memory clear	J3	Pins 2 & 3 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

	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 4M x 64	(1) 2M 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

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
96MB	(1) 8M x 64	(1) 4M x 64	None
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
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64

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) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64

512MB	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts SDRAM & PC100 memory.			

DIMM VOLTAGE CONFIGURATION			
Voltage		J4A	J4B
»	3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
	5v	Pins 1 & 2 closed	Pins 1 & 2 closed

CACHE CONFIGURATION	
Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.	

VIDEO MEMORY CONFIGURATION
Note: The location of the video memory is unidentified.

CPU SPEED SELECTION (CELERON)						
CPU speed	Clock speed	Multiplier	J5A	J5B	J5C	J5D
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	1 & 2	2 & 3	1 & 2
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CELERON, CON'T)						
CPU speed	Clock speed	Multiplier	J10	J11	J12	J13
233MHz	66MHz	3.5x	2 & 3	2 & 3	1 & 2	2 & 3

266MHz	66MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	2 & 3	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (PENTIUM II 66MHz SDRAM)						
CPU speed	Clock speed	Multiplier	J5A	J5B	J5C	J5D
266MHz	66MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	1 & 2	2 & 3	1 & 2
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	1 & 2
366MHz	66MHz	5.5x	2 & 3	2 & 3	2 & 3	1 & 2
350MHz	100MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
400MHz	100MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2
450MHz	100MHz	4.5x	2 & 3	1 & 2	2 & 3	1 & 2
500MHz	100MHz	5x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (PENTIUM II 66MHz SDRAM, CON'T)						
CPU speed	Clock speed	Multiplier	J10	J11	J12	J13
266MHz	66MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	2 & 3	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	2 & 3
366MHz	66MHz	5.5x	2 & 3	2 & 3	1 & 2	2 & 3
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3
400MHz	100MHz	4x	1 & 2	1 & 2	1 & 2	2 & 3
450MHz	100MHz	4.5x	1 & 2	1 & 2	1 & 2	2 & 3
500MHz	100MHz	5x	1 & 2	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.						

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM II 100MHZ SDRAM)

CPU speed	Clock speed	Multiplier	J5A	J5B	J5C	J5D
266MHz	66MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	1 & 2	2 & 3	1 & 2
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	1 & 2
366MHz	66MHz	5.5x	2 & 3	2 & 3	2 & 3	1 & 2
350MHz	100MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
400MHz	100MHz	4x	2 & 3	1 & 2	1 & 2	1 & 2
450MHz	100MHz	4.5x	2 & 3	1 & 2	2 & 3	1 & 2
500MHz	100MHz	5x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM II 100MHZ SDRAM, CON'T)

CPU speed	Clock speed	Multiplier	J10	J11	J12	J13
266MHz	66MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	2 & 3	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	2 & 3	1 & 2	2 & 3
366MHz	66MHz	5.5x	2 & 3	2 & 3	1 & 2	2 & 3
350MHz100	100MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2
400MHz	100MHz	4x	1 & 2	1 & 2	1 & 2	1 & 2
450MHz	100MHz	4.5x	1 & 2	1 & 2	1 & 2	1 & 2
500MHz	100MHz	5x	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.