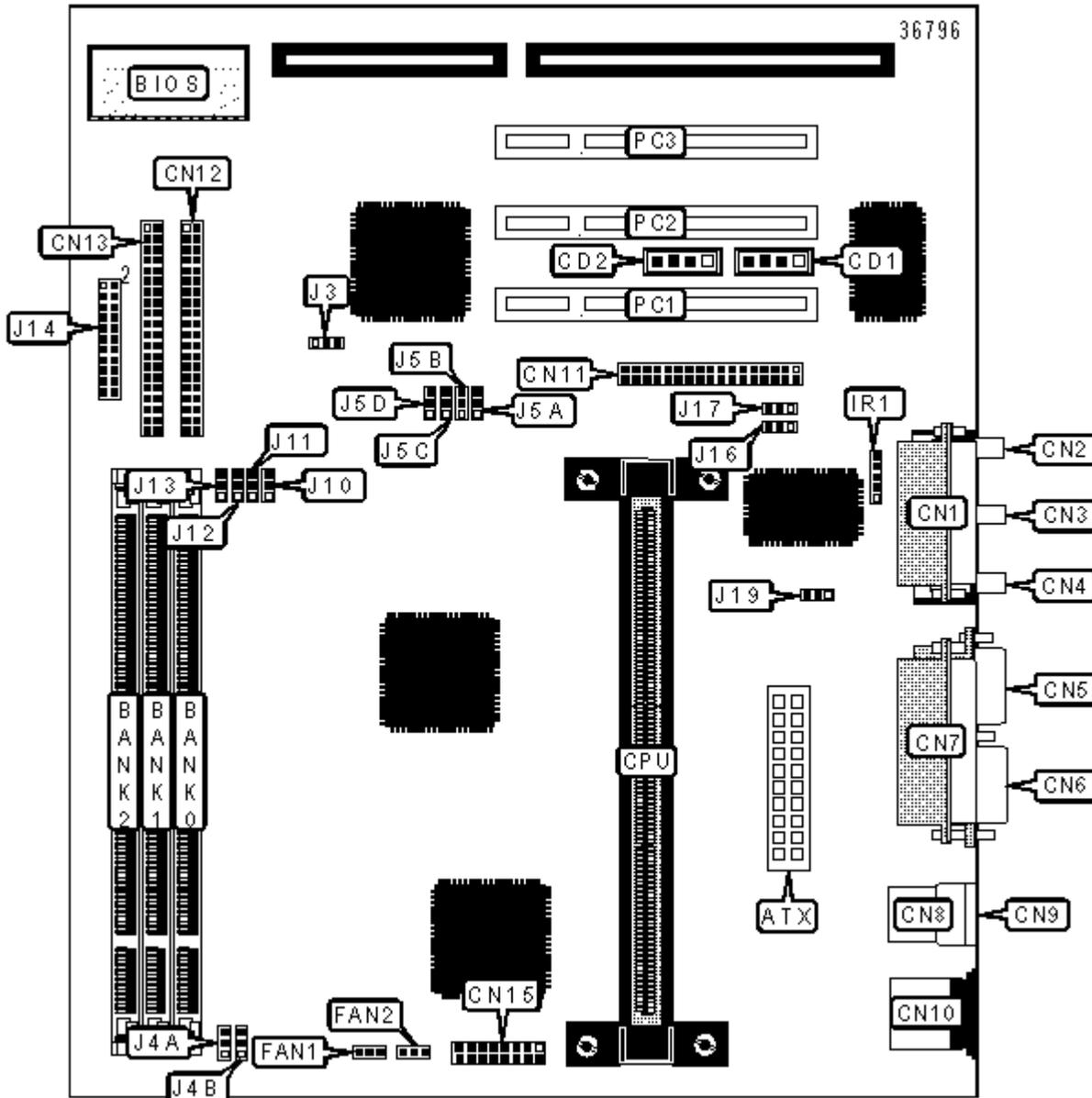


PC WARE INTERNATIONAL, INC

MB-730

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/350/366/400/450/500MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Audio Chip Set	Sound Pro
Maximum Onboard Memory	768MB (EDO & SDRAM)
Maximum Video Memory	8MB
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 ports (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	IDE interface 2	CN13
Audio in – CD-ROM	CD1	VGA interface	CN15
Audio in – CD-ROM	CD2	CPU fan power	FAN1
Game/MIDI port	CN1	Chassis fan power	FAN2
Line out	CN2	IR connector	IR1
Microphone in	CN3	Speaker	J14/Pins 1, 3, 5 & 7
Line in	CN4	Power LED & keylock	J14/Pins 2, 4, 6, 8 & 10
Serial port 2	CN5	IDE interface LED	J14/Pins 15 & 16
Serial port 1	CN6	Reset switch	J14/Pins 17 & 18
Parallel port	CN7	Power switch	J14/Pins 21 & 22
USB port 1	CN8	Digital audio in	J16
USB port 2	CN9	Digital audio out	J17
PS/2 mouse port	CN10	Wake-on LAN connector	J19
Floppy drive interface	CN11	32-bit PCI slots	PC1 – PC3
IDE interface 1	CN12		

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
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M 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
80MB	(1) 8M x 64	(1) 1M 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
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
160MB	(1) 16M x 64	(1) 2M 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
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 32M 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) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts EDO & SDRAM.

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 CPUs. 128KB cache is located on the Celeron 300A and greater CPUs.

CPU SPEED SELECTION (CELERON)

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

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CELERON 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

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
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
350MHz	100MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
366MHz	66MHz	5.5x	2 & 3	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
233MHz	66MHz	3.5x	2 & 3	2 & 3	2 & 3	1 & 2
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
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3
366MHz	66MHz	5.5x	2 & 3	2 & 3	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.

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
350MHz	100MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2
366MHz	66MHz	5.5x	2 & 3	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
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2
366MHz	66MHz	5.5x	2 & 3	2 & 3	1 & 2	2 & 3
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.						