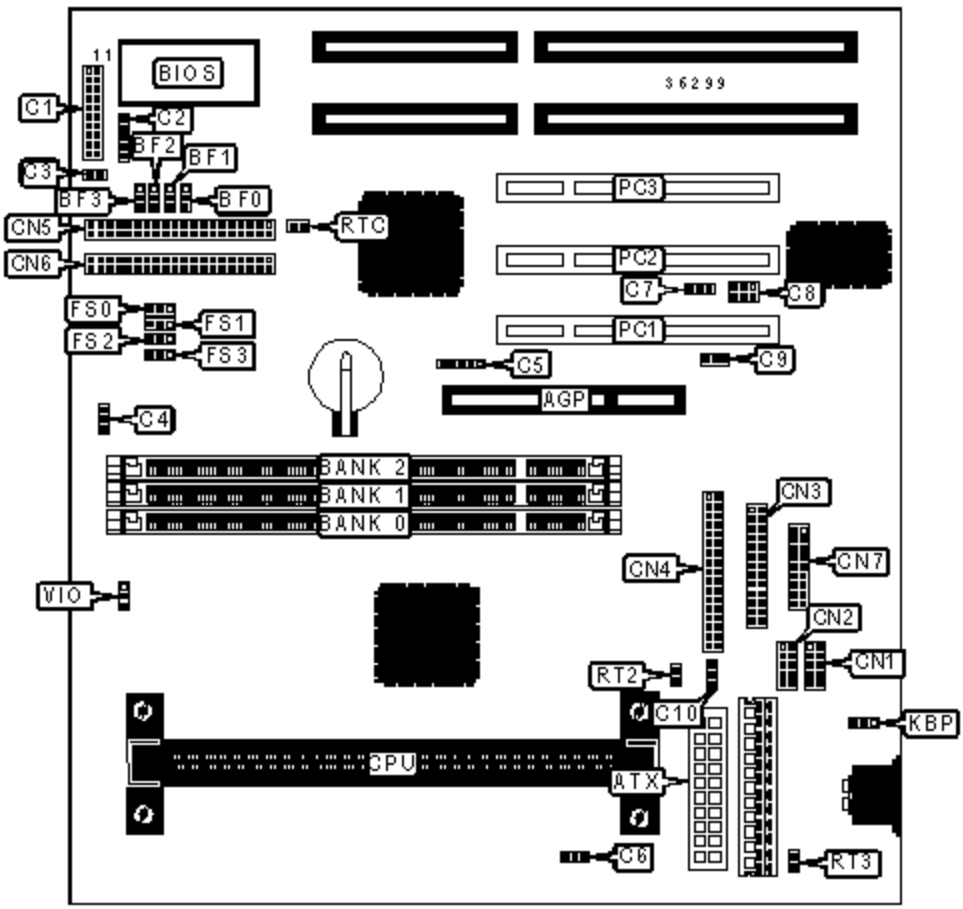


ASUS COMPUTER INTERNATIONAL

P2B-B (REV. 1.02)

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/350/366/400/450MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (SDRAM & PC100 supported)
Cache	0/128/256/512KB (located on the CPU)
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector, AGP slot, SB-link connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	SB-link connector	C8
ATX power connector	ATX	Wake on LAN connector	C9
Turbo LED	C1/pins 2 & 3	Power fan power	C10
Green PC connector	C1/pins 4 & 5	Serial port 1	CN1
Soft off power supply	C1/pins 6 & 7	Serial port 2	CN2
Reset switch	C1/pins 9 & 10	Parallel port	CN3

Power LED & keylock	C1/pins 11 - 15	Floppy drive interface	CN4
Speaker	C1/pins 17 - 20	IDE interface 2	CN5
IR connector	C2	IDE interface 1	CN6
IDE interface LED	C3	USB, IR, mouse connector	CN7
Chassis fan power	C4	Power supply thermal sensor	RT2
SMB connector	C5	Power supply thermal sensor	RT3
CPU fan power	C6	32-bit PCI slots	PC1 - PC3
Chassis intrusion connector	C7		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard power up disabled	KBP	Pins 1 & 2 closed
	Keyboard power up enabled	KBP	Pins 2 & 3 closed
»	CMOS memory normal operation	RTC	Open
	CMOS memory clear	RTC	Closed
»	Voltage select 3.5v	VIO	Pins 2 & 3 closed
	Voltage select 3.66v	VIO	Pins 1 & 2 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
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

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
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
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M 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
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
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.

CACHE CONFIGURATION

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

CPU SPEED SELECTION (PENTIUM II)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	BF3
350MHz	100MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3
400MHz	100MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
450MHz	100MHz	4.5x	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (PENTIUM II, CON'T)

CPU speed	Clock speed	Multiplier	FS0	FS1	FS2	FS3
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

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CELERON/PENTIUM II)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	BF3
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3
266MHz	66MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	1 & 2	1 & 2	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CELERON/PENTIUM II, CON'T)

CPU speed	Clock speed	Multiplier	FS0	FS1	FS2	FS3
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3
266MHz	66MHz	4x	1 & 2	1 & 2	2 & 3	2 & 3
300MHz	66MHz	4.5x	1 & 2	1 & 2	2 & 3	2 & 3

333MHz	66MHz	5x	1 & 2	1 & 2	2 & 3	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.