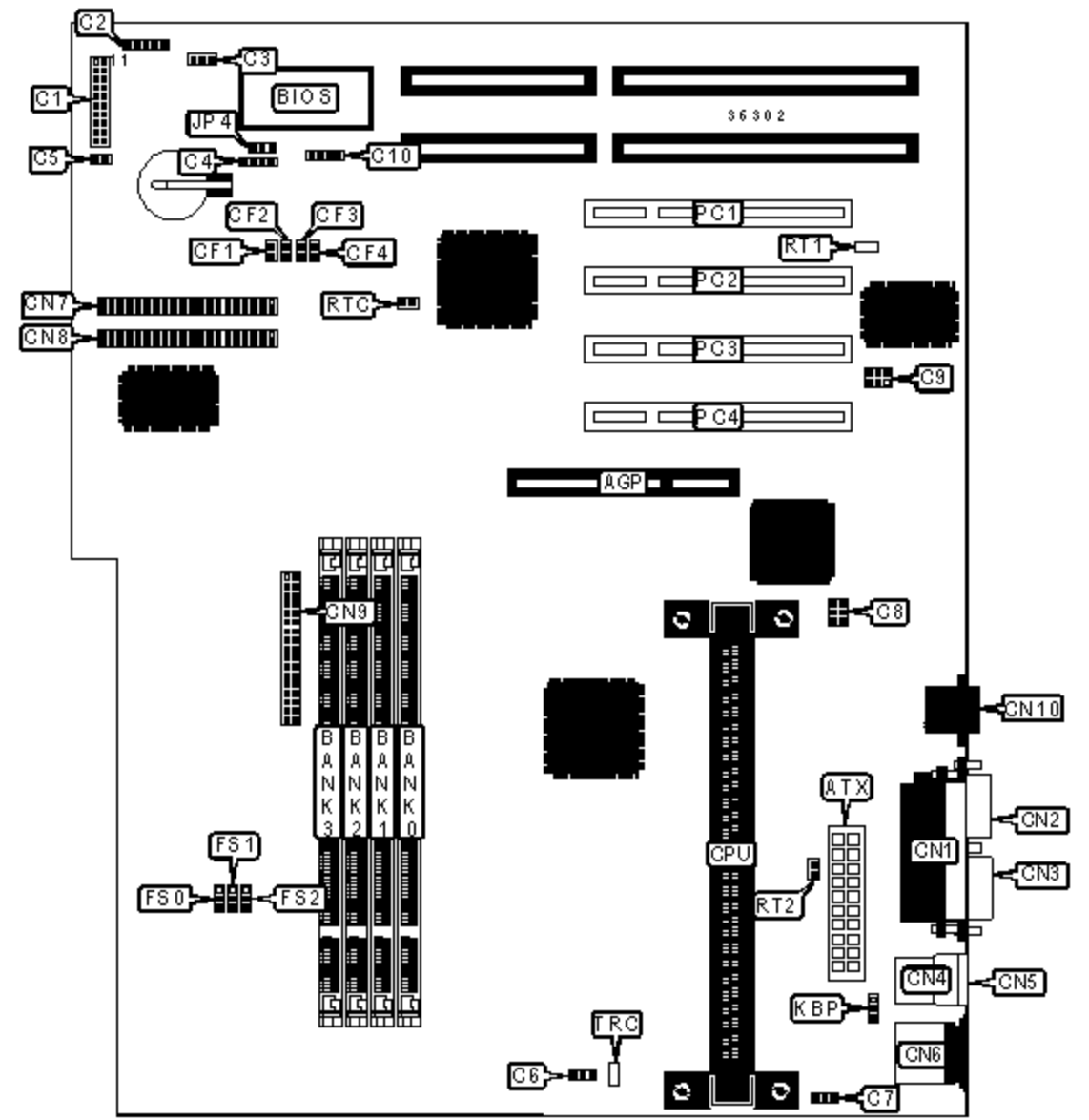


# ASUS COMPUTER INTERNATIONAL

## P2B-L (VER. 1.03)

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333/350/400MHz
<b>Chip Set</b>	Intel 440BX
<b>Maximum Onboard Memory</b>	512MB (SDRAM & PC100 supported)
<b>Cache</b>	256/512KB (located on Pentium II CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options</b>	32-bit PCI slots (4), Ethernet 10BaseT connector, floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	SB-link connector	C9
ATX power connector	ATX	External battery	C10

Turbo LED	C1/pins 2 & 3	Parallel port	CN1
Green PC connector	C1/pins 4 & 5	Serial port 2	CN2
Soft off power supply	C1/pins 6 & 7	Serial port 1	CN3
Reset switch	C1/pins 9 & 10	USB connector 1	CN4
Power LED & keylock	C1/pins 11 - 15	USB connector 2	CN5
Speaker	C1/pins 17 - 20	PS/2 mouse port	CN6
IR connector	C2	IDE interface 1	CN7
Chassis fan power	C3	IDE interface 2	CN8
Chassis intrusion connector	C4	Floppy drive interface	CN9
IDE interface LED	C5	Ethernet 10BaseT connector	CN10
CPU fan power	C6	Power supply heat sensor	RT2
Power fan power	C7	32-bit PCI slots	PC1 - PC4
LAN LED	C8		

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	JP4	Unidentified
»	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
»	Factory configured - do not alter	RT1	Unidentified
»	Factory configured - do not alter	TRC	Unidentified

### 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) 8M x 64	(1) 8M x 64

**DIMM CONFIGURATION (CON'T)**

<b>Size</b>	<b>Bank 0</b>	<b>Bank 1</b>
128MB	(1) 16M x 64	None
164MB	(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
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64

384MB	(1) 32M x 64	(1) 16M x 64
512MB	(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.

**CPU SPEED SELECTION**

CPU speed	Clock speed	Multiplier	FS0	FS1	FS2
233MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2
266MHz	66MHz	4x	2 & 3	1 & 2	1 & 2
300MHz	66MHz	4.5x	2 & 3	1 & 2	1 & 2
300MHz	100MHz	3x	1 & 2	1 & 2	1 & 2
333MHz	66MHz	5x	2 & 3	1 & 2	1 & 2
350MHz	100MHz	3.5x	1 & 2	1 & 2	1 & 2
400MHz	100MHz	4x	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

**CPU SPEED SELECTION (CON'T)**

CPU speed	Clock speed	Multiplier	CF1	CF2	CF3	CF4
233MHz	66MHz	3.5x	Open	Open	Closed	Closed
266MHz	66MHz	4x	Closed	Closed	Open	Closed
300MHz	66MHz	4.5x	Open	Closed	Open	Closed
300MHz	100MHz	3x	Closed	Open	Closed	Closed
333MHz	66MHz	5x	Closed	Open	Open	Closed
350MHz	100MHz	3.5x	Open	Open	Closed	Closed
400MHz	100MHz	4x	Closed	Closed	Open	Closed