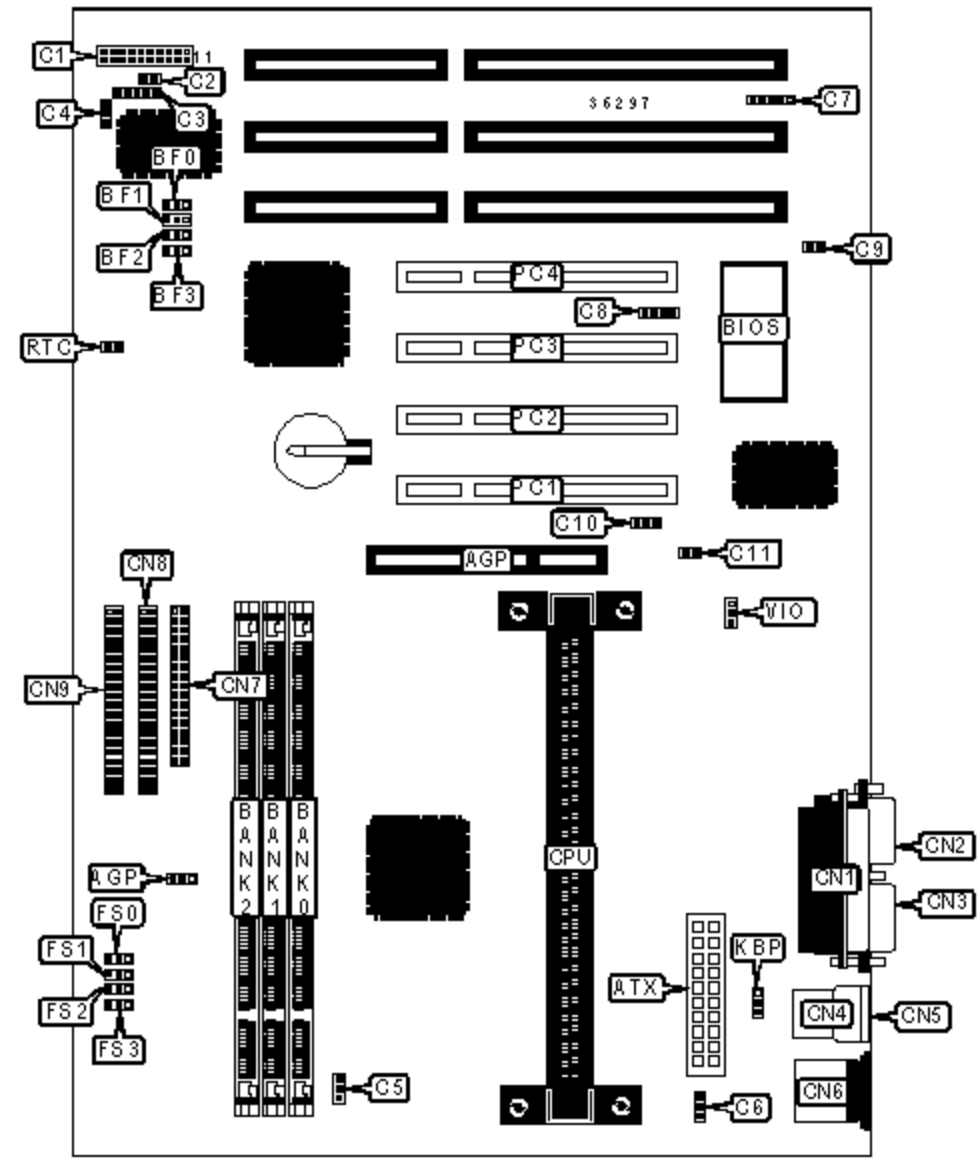


# ASUS COMPUTER INTERNATIONAL

## P2V (REV. 1.00)

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II/Celeron
<b>Processor Speed</b>	266/300/333/350/400/450MHz
<b>Chip Set</b>	VIA VT
<b>Maximum Onboard Memory</b>	768MB (SDRAM & PC100 supported)
<b>Cache</b>	0/128/256/512KB (located on the CPU)
<b>BIOS</b>	Unidentified
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options (backplane)</b>	32-bit PCI slots (4), 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, wake on LAN connector



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis intrusion connector	C8
ATX power connector	ATX	Power supply thermal sensor	C9

Turbo LED	C1/pins 2 & 3	Wake on LAN connector	C10
Green PC connector	C1/pins 4 & 5	CPU thermal sensor	C11
Soft off power supply	C1/pins 6 & 7	Parallel port	CN1
Reset switch	C1/pins 9 & 10	Serial port 2	CN2
Power LED & keylock	C1/pins 11 - 15	Serial port 1	CN3
Speaker	C1/pins 17 - 20	USB connector 1	CN4
IDE interface LED	C2	USB connector 2	CN5
IR connector	C3	PS/2 mouse port	CN6
Chassis fan power	C4	Floppy drive interface	CN7
CPU fan power	C5	IDE interface 2	CN8
Power fan power	C6	IDE interface 1	CN9
SMB connector	C7	32-bit PCI slots	PC1 - PC4

### USER CONFIGURABLE SETTINGS

Function		Label	Position
	AGP bus frequency select 2/3 CPU bus frequency	AGP	Pins 1 & 2 closed
	AGP bus frequency select = CPU bus frequency	AGP	Pins 2 & 3 closed
»	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	VIO	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
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

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
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
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
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.

## 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 (CELERON)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	BF3
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

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CELERON, CON'T)

CPU speed	Clock speed	Multiplier	FS0	FS1	FS2	FS3
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

Note: Pins designated should be in the closed position.

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

<b>CPU speed</b>	<b>Clock speed</b>	<b>Multiplier</b>	<b>FS0</b>	<b>FS1</b>	<b>FS2</b>	<b>FS3</b>
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.