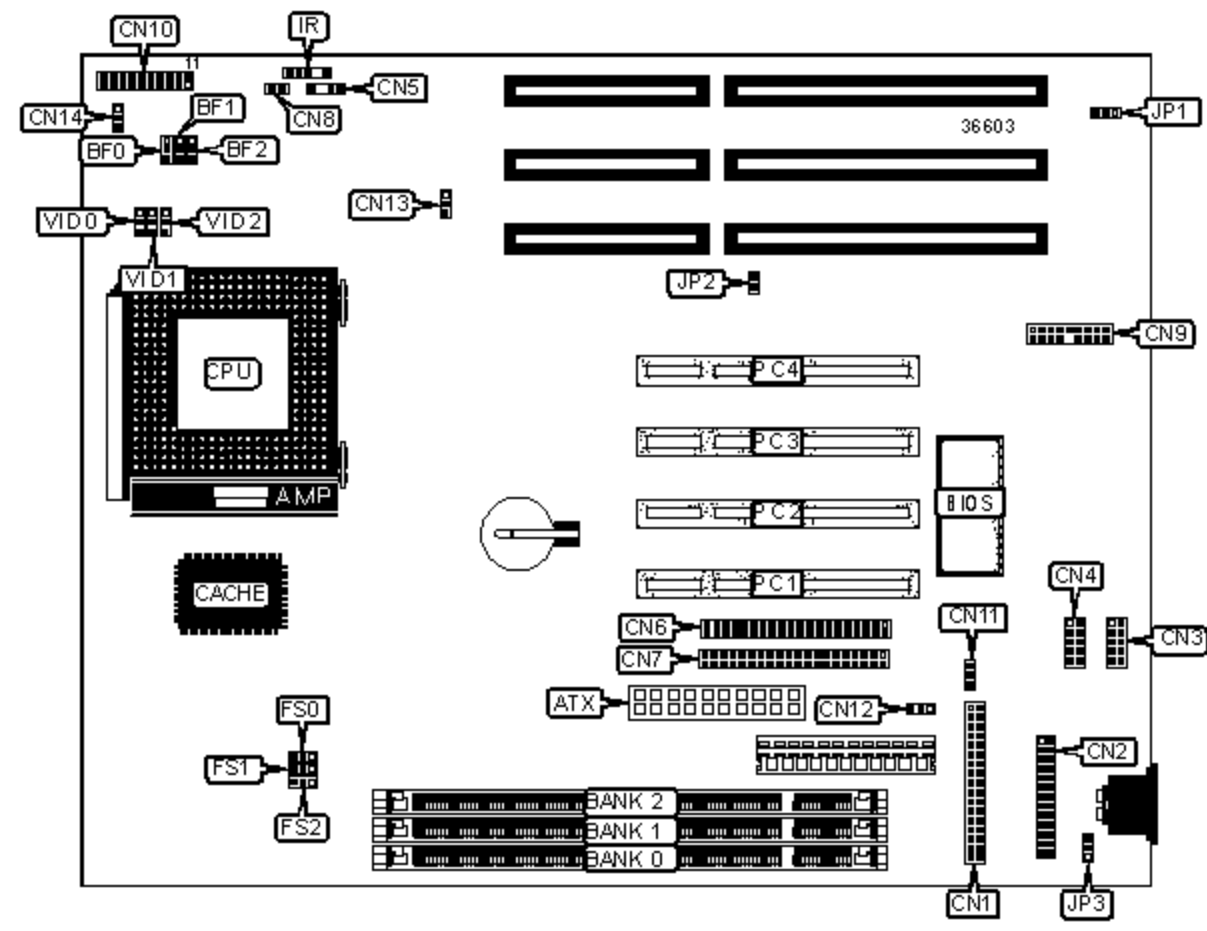


# ASUS COMPUTER INTERNATIONAL

## TX97-L (REV. 1.01)

<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/AM K5/AM K6/Pentium/Pentium MMX
<b>Processor Speed</b>	75/90/100/120/133/150/166/200/233MHz
<b>Chip Set</b>	Intel 430TX
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Cache</b>	512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	220mm x 234mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel interface, PS/2 mouse interface, serial interfaces (2), IR connectors (2), USB connectors (2), ATX power connector, Wake-on-LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Speaker	CN10/Pins 7-10
Floppy drive interface	CN1	Message LED	CN10/Pins 12 & 13
Parallel interface	CN2	Green PC connector	CN10/Pins 14 & 15
Serial interface 1	CN3	Soft off power supply	CN10/Pins 16 & 17

Serial interface 2	CN4	Reset switch	CN10/Pins 18 & 19
Chassis intrusion sensor connector	CN5	Wake-on-LAN connector	CN11
IDE interface 1	CN6	Power fan	CN12
IDE interface 2	CN7	CPU fan power	CN13
IDE interface LED	CN8	Chassis fan power	CN14
USB/Mouse/IR connector	CN9	IR 2 connector	IR
Power LED & keylock	CN10/Pins 1-5	32-bit PCI slots	PC1 - PC4

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Flash ROM boot block programming disabled	JP1	Pins 1 & 2 Closed
	Flash ROM boot block programming enabled	JP1	Pins 2 & 3 Closed
»	CMOS memory normal operation	JP2	Open
	CMOS memory clear	JP2	Closed
»	Keyboard power up disabled	JP3	Pins 1 & 2 Closed
	Keyboard power up enabled	JP3	Pins 2 & 3 Closed

### DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64

64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M 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) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
512MB	(1) 32M x 64	(1) 32M x 64	None
Note: Board supports EDO & SDRAM memory.			

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K-5)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
120MHz	60MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3

133MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
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Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K-6)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (PENTIUM)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	Open	2 & 3	2 & 3	2 & 3
133MHz	66MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3
150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (PENTIUM MMX)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

### CPU VOLTAGE SELECTION (SINGLE)

Setting	VID0	VID1	VID2
3.4V	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
3.5V	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed

### CPU VOLTAGE SELECTION (DUAL)

Setting	VID0	VID1	VID2
2.2V	Open	Pins 1 & 2 Closed	Open
2.8V	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
2.9V	Pins 1 & 2 Closed	Pins 2 & 3 Closed	Pins 2 & 3 Closed
3.2V	Pins 2 & 3 Closed	Pins 2 & 3 Closed	Pins 1 & 2 Closed