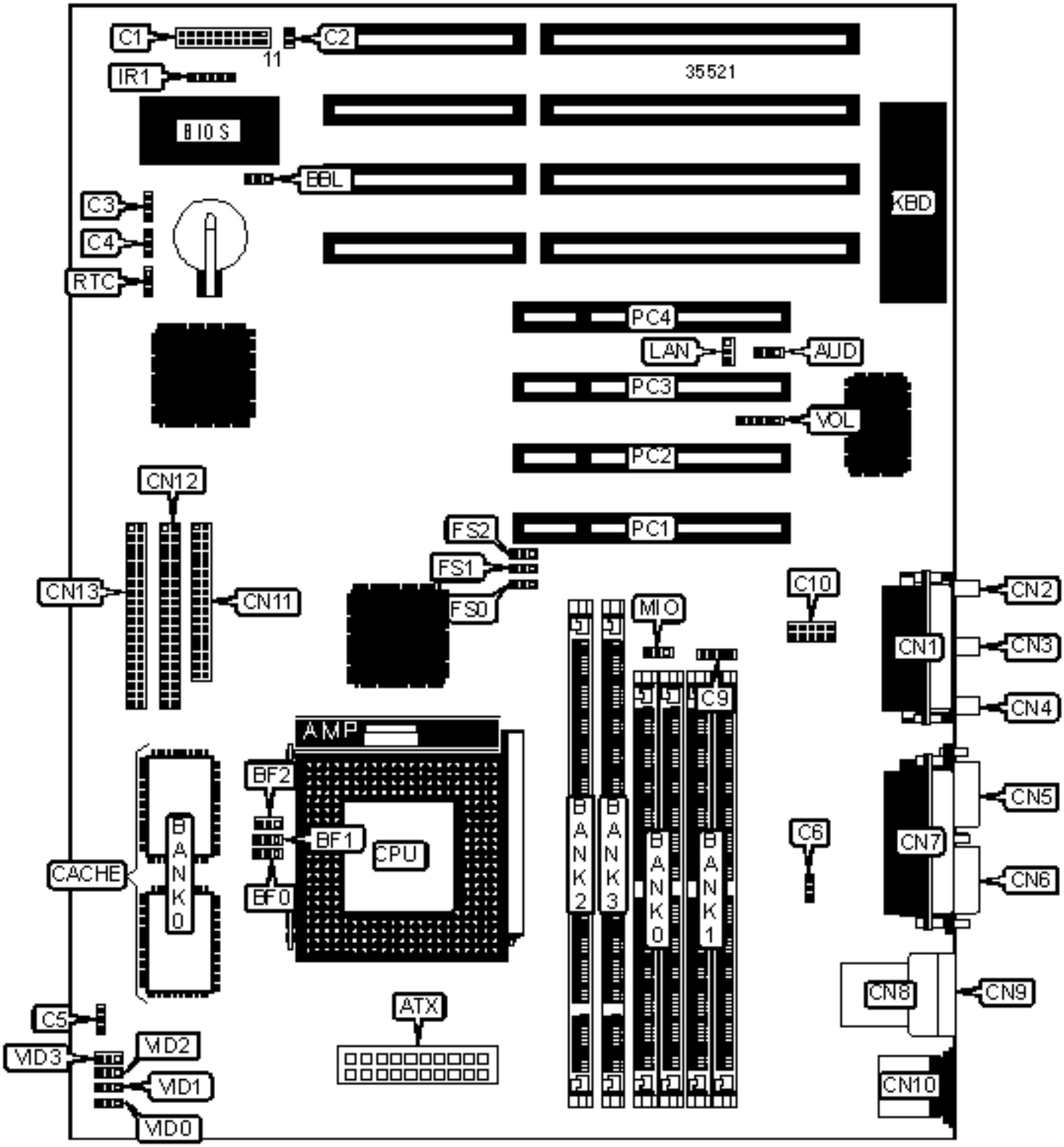
ASUS COMPUTER INTERNATIONAL

TX97-XE (REV. 3.02)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Line in	CN3
Turbo LED	C1/pins 2 & 3	Line out	CN4
Green PC connector	C1/pins 4 & 5	Serial port 2	CN5
Reset switch	C1/pins 9 & 10	Serial port 1	CN6
Power LED & keylock	C1/pins 11 – 15	Parallel port	CN7
Speaker	C1/pins 17 - 20	USB connector 1	CN8
IDE interface LED	C2	USB connector 2	CN9
Chassis alarm	C3	PS/2 mouse port	CN10
Chassis fan power	C4	Floppy drive interface	CN11
CPU fan power	C5	IDE interface 2	CN12
Chassis fan power	C6	IDE interface 1	CN13
Audio in - CD-ROM (Sony)	C9	IR connector	IR1
Creative Modem connector	C10	Wake on LAN activity connector	LAN
Game/MIDI port	CN1	32-bit PCI slots	PC1 – PC4
Microphone in	CN2	Volume control	VOL

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	On board audio enabled	AUD	Pins 2 & 3 closed
	On board audio disabled	AUD	Pins 1 & 2 closed
	Flash BIOS programming disabled	BBL	Pins 1 & 2 closed
	Flash BIOS programming enabled	BBL	Pins 2 & 3 closed
»	On board I/O enabled	MIO	Pins 1 & 2 closed
	On board I/O disabled	MIO	Pins 2 & 3 closed

»	CMOS memory normal operation	RTC	Pins 1 & 2 closed
	CMOS memory clear	RTC	Pins 2 & 3 closed

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36

SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36

192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
Note: Board accepts EDO memory. Do not install SIMMS & DIMMs at the same time.		

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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(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

CACHE CONFIGURATION	
Size	Bank 0
512KB	(2) 32K x 32

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	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
166MHz	66MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	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
166MHz	60MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	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
166MHz	60MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3

233MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	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	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	Open	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	2 & 3	1 & 2	Open	2 & 3	1 & 2	2 & 3

150MHz	60MHz	2.5x	2 & 3	2 & 3	Open	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	BF0	BF1	BF2	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	Open	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	Open	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	Open	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU VOLTAGE SELECTION (SINGLE)

Voltage	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)

Voltage	VID0	VID1	VID2	VID3
1.8v	Open	Open	Open	Pins 1 & 2 closed
1.9v	Open	Open	Open	Pins 2 & 3 closed
2.1v	Pins 1 & 2 closed	Pins 2 & 3 closed	Open	Open
2.5v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
2.7v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
2.8v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open
2.9v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Open

3.2v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open