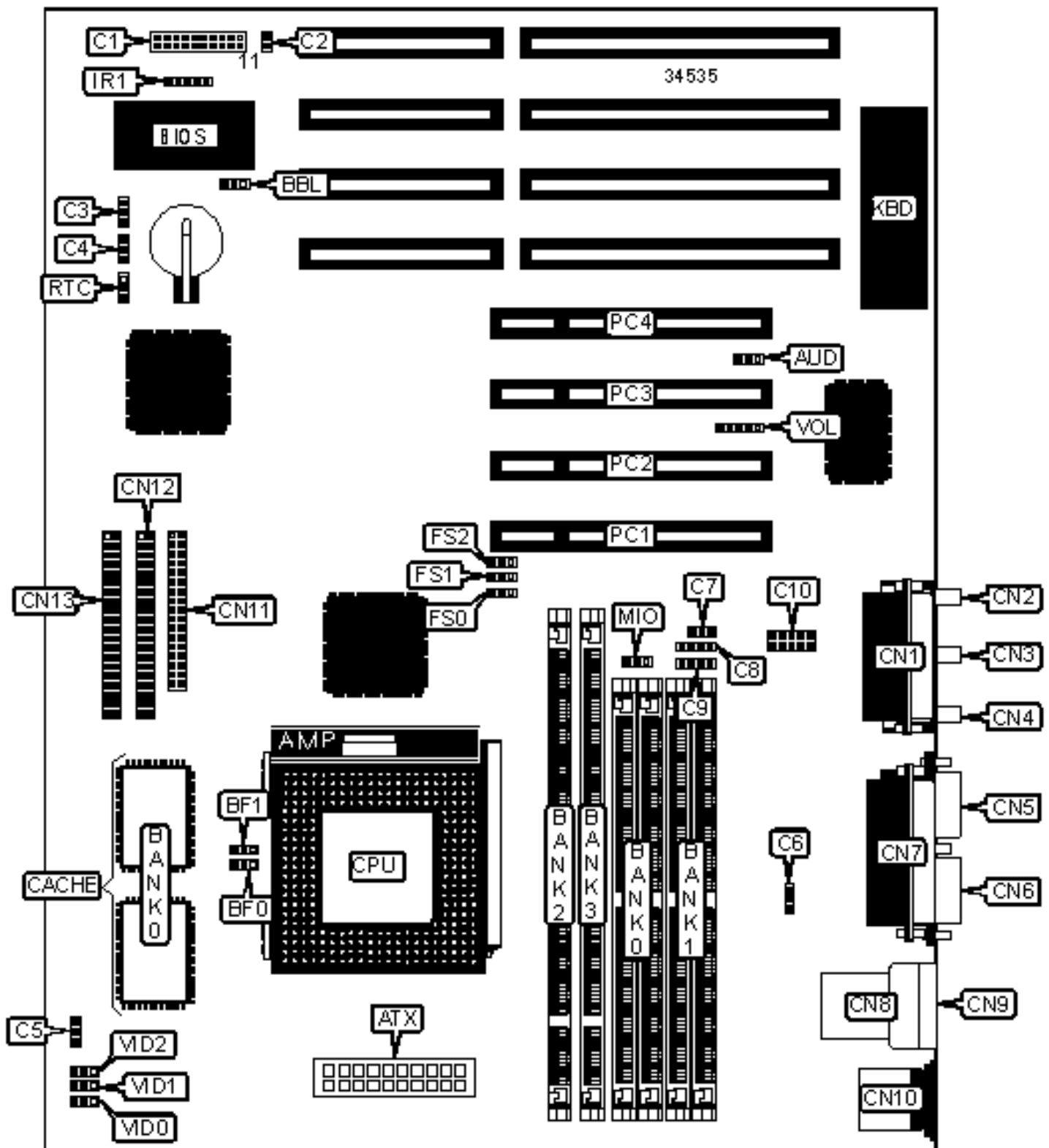


ASUS COMPUTER INTERNATIONAL

TX97-XE (REV. 1.0)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Microphone in	CN2
Turbo LED	C1/pins 2 & 3	Line in	CN3
Green PC connector	C1/pins 4 & 5	Line out	CN4
Reset switch	C1/pins 9 & 10	Serial port 2	CN5
Power LED & keylock	C1/pins 11 - 15	Serial port 1	CN6
Speaker	C1/pins 17 - 20	Parallel port	CN7
IDE interface LED	C2	USB connector 1	CN8
Chassis alarm	C3	USB connector 2	CN9
Chassis fan power	C4	PS/2 mouse port	CN10
CPU fan power	C5	Floppy drive interface	CN11
Chassis fan power	C6	IDE interface 2	CN12
Audio in - CD-ROM (Panasonic)	C7	IDE interface 1	CN13
Audio in - CD-ROM (Mitsumi)	C8	IR connector	IR1
Audio in - CD-ROM (Sony)	C9	32-bit PCI slots	PC1 - PC4
Creative Modem connector	C10	Volume control	VOL
Game/MIDI port	CN1		

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
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CACHE CONFIGURATION	
Size	Bank 0
512KB	(2) 64K x 32

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	BF0	BF1	FS0	FS1	FS2
166MHz	66MHz	2x	2 & 3	1 & 2	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	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
120MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
133MHz	66MHz	1.5x	1 & 2	1 & 2	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	FS0	FS1	FS2
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	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	FS0	FS1	FS2
75MHz	50MHz	1.5x	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	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 1 & 2 closed	Pins 2 & 3 closed
3.5v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU VOLTAGE SELECTION (DUAL)

Voltage	VID0	VID1	VID2
2.8v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
2.9v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
3.2v	Pins 1 & 2 closed	See note.	Pins 2 & 3 closed

Note: Install jumper on Pin 3 of VID0 and Pin 3 of VID1.