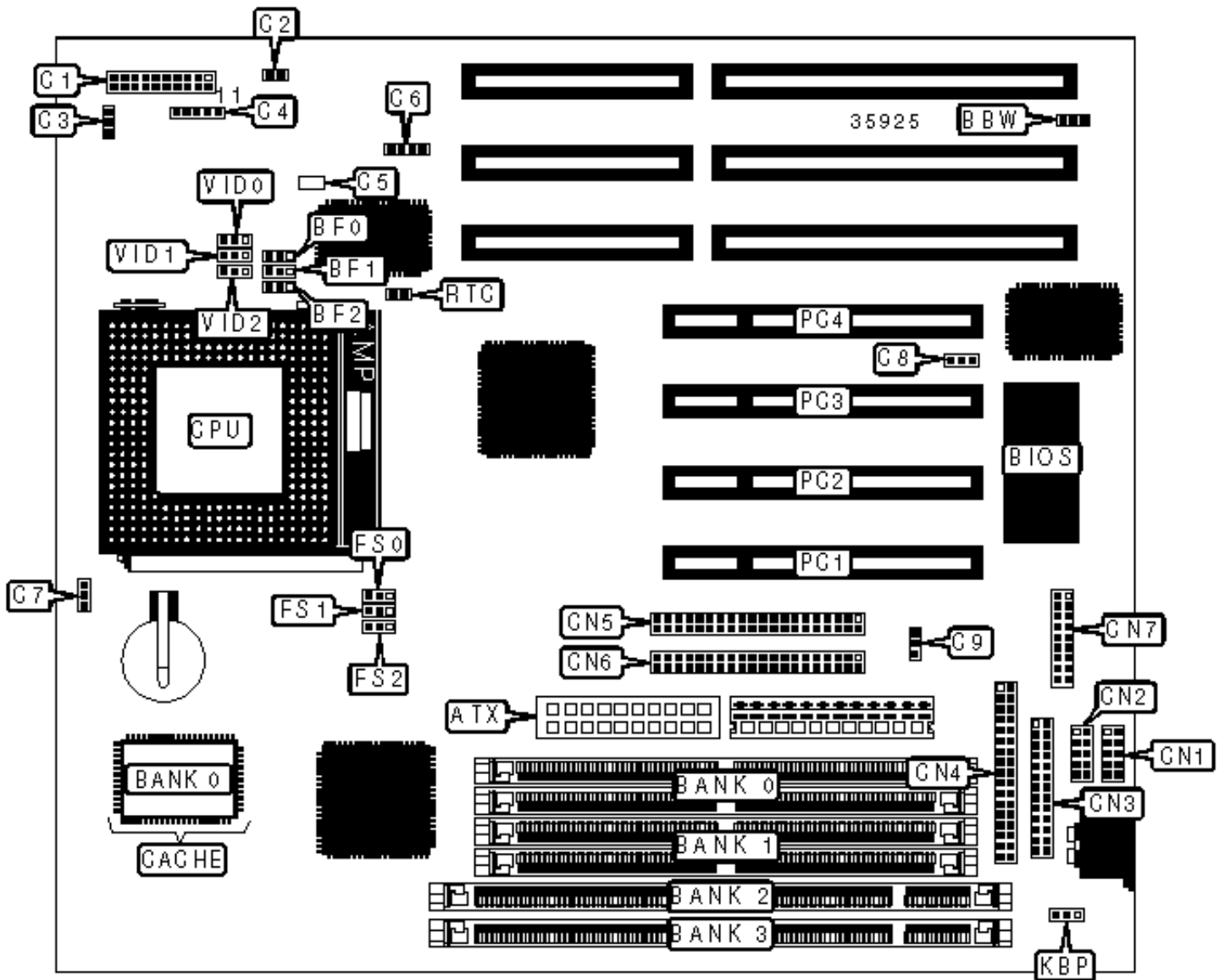


ASUS COMPUTER INTERNATIONAL

TX97-LE (REV. 1.00)

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	CPU fan power	C7
Turbo LED	C1/pins 2 & 3	Wake on LAN connector	C8
Soft off power supply	C1/pins 6 & 7	Power fan	C9
Reset switch	C1/pins 9 & 10	Serial port 1	CN1
Power LED & keylock	C1/pins 11 - 15	Serial port 2	CN2
Speaker	C1/pins 17 - 20	Parallel port	CN3
IDE interface LED	C2	Floppy drive interface	CN4
Chassis fan power	C3	IDE interface 2	CN5
IR connector	C4	IDE interface 1	CN6
Temperature sensor	C5	PS/2 mouse, USB, IR interface	CN7
Chassis intrusion connector	C6	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Boot block disabled	BBW	Pins 1 & 2 closed
Boot block enabled	BBW	Pins 2 & 3 closed
» Keyboard power disabled	KBP	Pins 1 & 2 closed
Keyboard power enabled	KBP	Pins 2 & 3 closed
» CMOS memory normal operation	RTC	Open
CMOS memory clear	RTC	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
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

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
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.		

DIMM CONFIGURATION

Size	Bank 2	Bank 3
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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

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Size	Bank 0
512KB	(1) 64K x 64

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 6X86L)

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 6X86L)

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	1 & 2	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
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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

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
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
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