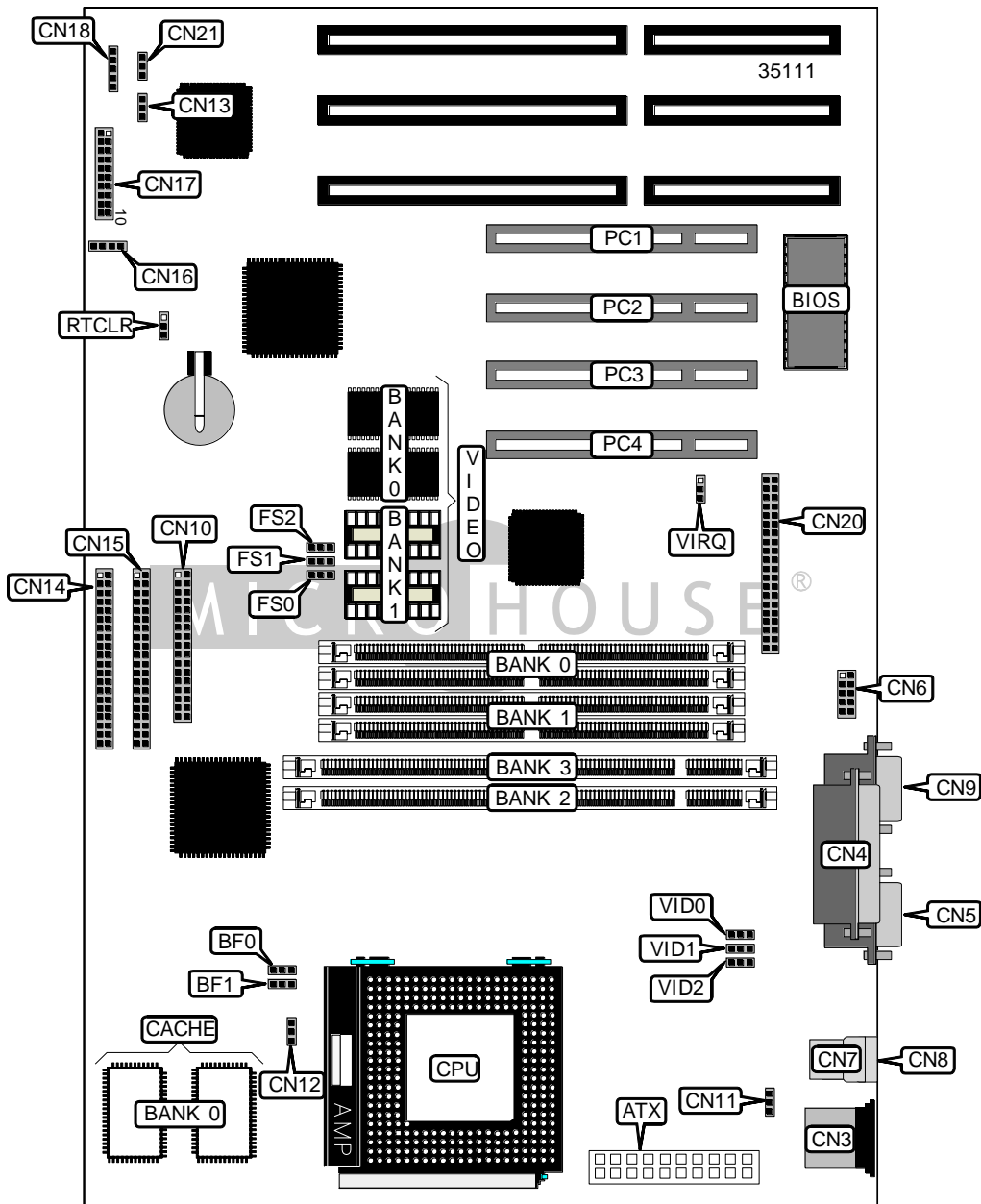


# ASUS COMPUTER INTERNATIONAL

## TX97-XV (REV. 1.12)

Device Type	Mainboard
Processor	AM K5/AM K6/Pentium/CX 6x86
Processor Speed	75/90/100/120/133/150/166/180/200/233MHz
Chip Set	Intel 430TX
Video Chip Set	ATI
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	Unidentified
Cache	512KB
BIOS	Unidentified
I/O Options	32-bit PCI slots (4), IDE interface (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, AMC connector, USB connectors (2), ATX power connector



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 2	CN15
PS/2 mouse connector	CN3	IDE interface LED	CN16
Parallel port	CN4	Power LED & keylock	CN17/pins 1 - 5
Serial port 1	CN5	Speaker	CN17/pins 7-10
Serial port 2	CN6	Message LED	CN17/pins 12,13
USB connector 1	CN7	SMI switch	CN17/pins 14,15
USB connector 2	CN8	ATX power switch	CN17/pins 16,17
VGA port	CN9	Reset switch	CN17/pins 19,20
Floppy drive interface	CN10	IR connector	CN18
Chassis fan power	CN11	AMC connector	CN20
CPU fan power	CN12	Chassis fan	CN21
Chassis open alarm	CN13	32-bit PCI slots	PC1 - PC4
IDE interface 1	CN14		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	RTCLR	Pins 2 & 3 closed
CMOS memory clear	RTCLR	Pins 1 & 2 closed
í VGA interrupt disabled	VIRQ	Pins 1 & 2 closed
VGA interrupt enabled	VIRQ	Pins 2 & 3 closed

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2)1MB x 32	None
16MB	(2)1MB x 32	(2)1MB x 32
16MB	(2)2MB x 32	None
24MB	(2)2MB x 32	(2)1MB x 32
32MB	(2)2MB x 32	(2)2MB x 32
32MB	(2)4MB x 32	None
40MB	(2)4MB x 32	(2)1MB x 32
48MB	(2)4MB x 32	(2)2MB x 32
64MB	(2)4MB x 32	(2)4MB x 32
64MB	(2)8MB x 32	None
72MB	(2)8MB x 32	(2)1MB x 32
80MB	(2)8MB x 32	(2)2MB x 32
96MB	(2)8MB x 32	(2)4MB x 32
128MB	(2)8MB x 32	(2)8MB x 32
128MB	(2)16MB x 32	None
136MB	(2)16MB x 32	(2)1MB x 32
144MB	(2)16MB x 32	(2)2MB x 32
160MB	(2)16MB x 32	(2)4MB x 32
192MB	(2)16MB x 32	(2)8MB x 32
256MB	(2)16MB x 32	(2)16MB x 32

**Note:** Board accepts both EDO and SDRAM. SIMMS & DIMMS cannot be used together.

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DIMM CONFIGURATION		
Size	Bank 2	Bank 3
8MB	(1)1MB x 64	None
16MB	(1)1MB x 64	(1)1MB x 64
16MB	(1)2MB x 64	None
24MB	(1)2MB x 64	(1)1MB x 64
32MB	(1)2MB x 64	(1)2MB x 64
32MB	(1)4MB x 64	None
40MB	(1)4MB x 64	(1)1MB x 64
48MB	(1)4MB x 64	(1)2MB x 64
64MB	(1)4MB x 64	(1)4MB x 64
64MB	(1)8MB x 64	None
72MB	(1)8MB x 64	(1)1MB x 64
80MB	(1)8MB x 64	(1)2MB x 64
96MB	(1)8MB x 64	(1)4MB x 64
128MB	(1)8MB x 64	(1)8MB x 64
128MB	(1)16MB x 64	None
136MB	(1)16MB x 64	(1)1MB x 64
144MB	(1)16MB x 64	(1)2MB x 64
160MB	(1)16MB x 64	(1)4MB x 64
192MB	(1)16MB x 64	(1)8MB x 64
256MB	(1)16MB x 64	(1)16MB x 64

**Note:** Board accepts both EDO and SDRAM.

CPU SPEED SELECTION (CX 6X86)							
CPU Speed	Clock Speed	Multiplier	FS0	FS1	FS2	BF0	BF1
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2

**Note:** Only the Cyrix REV. 2.7 or later is supported. Numbers designate pins that should be closed.

CPU SPEED SELECTION (AM K5)							
CPU Speed	Clock Speed	Multiplier	FS0	FS1	FS2	BF0	BF1
75MHz	50MHz	1.5x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
120MHz	60MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

**Note:** Numbers designate pins that should be closed.

CPU SPEED SELECTION (AM K6)							
CPU Speed	Clock Speed	Multiplier	FS0	FS1	FS2	BF0	BF1
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

**Note:** Numbers designate pins that should be closed.

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

**Note:** Numbers designate pins that should be closed.

CPU VOLTAGE SELECTION			
Voltage	VID0	VID1	VID2
2.8V	2 & 3	2 & 3	2 & 3
2.9V	2 & 3	2 & 3	1 & 2
3.2V	1 & 2	See Note	2 & 3
3.4V	2 & 3	1 & 2	2 & 3
3.5V	2 & 3	1 & 2	1 & 2

**Note:** Jumper should be installed on Pin3 of VID0 and Pin3 of VID1. Numbers designate pins that should be closed.