



# ASUS COMPUTER INTERNATIONAL

## VX97

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CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	C1/pins 2 & 3	Floppy drive interface	CN4
Green PC connector	C1/pins 4 & 5	IDE interface 1	CN5
Reset switch	C1/pins 9 & 10	IDE interface 2	CN6
Power LED & keylock	C1/pins 11 – 15	PS/2 mouse interface	CN7
Speaker	C1/pins 17 - 20	IDE interface LED	IDE
Serial port 1	CN1	IR connector	IR1
Serial port 2	CN2	32-bit PCI slots	PC1 – PC4
Parallel port	CN3	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Flash BIOS programming disabled	BBL	Pins 1 & 2 closed
Flash BIOS programming enabled	BBL	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

CACHE CONFIGURATION	
Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

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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 must be Rev. 2.7 or later.

CPU SPEED SELECTION (AMD)							
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	1 & 2	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 (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			
Voltage	VID0	VID1	VID2
2.5v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
2.7v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
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
3.4v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
3.5v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed