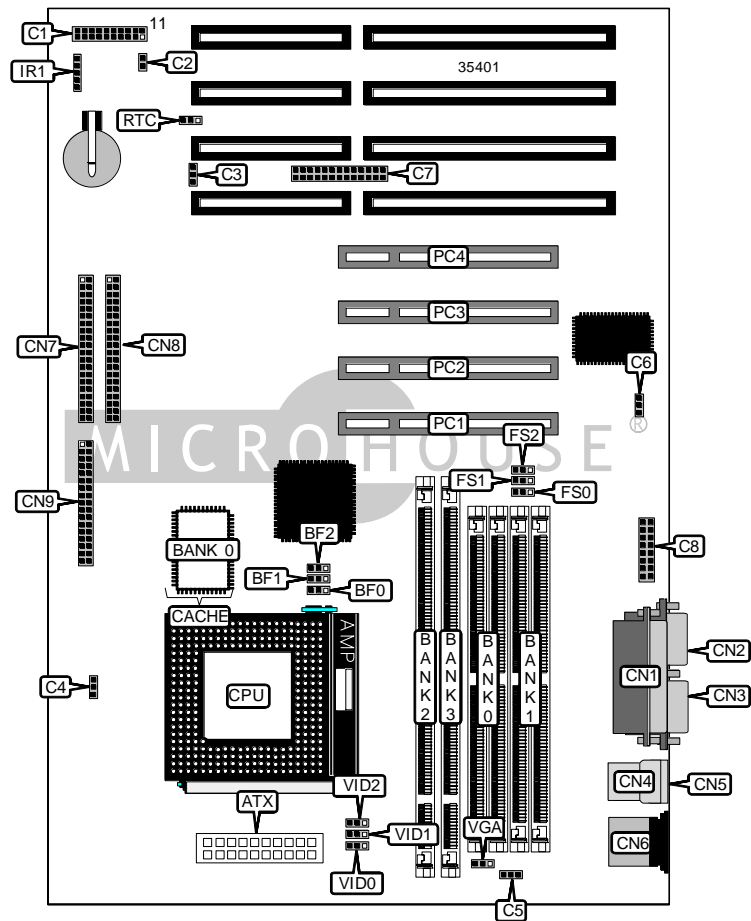


ASUS COMPUTER INTERNATIONAL SP97-XV (REV. 1.02 VIDEO)

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 686MX/IBM 6X86MX/AM K5/ AM K6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/200/233MHz
Chip Set	SIS
Video Chip Set	SIS
Maximum Onboard Memory	256MB (EDO & SDRAM supported) Unified Memory Architecture (UMA)
Cache	512KB
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA interface, IR connector, USB connectors (2), ATX power connector
NPU Options	None



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ASUS COMPUTER INTERNATIONAL
 SP97-XV (REV. 1.02 VIDEO)

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	VGA interface	C8
Power LED & keylock	C1/pins 1 - 5	Parallel port	CN1
Speaker	C1/pins 7 - 10	Serial port 2	CN2
Message LED	C1/pins 12 & 13	Serial port 1	CN3
Green PC connector	C1/pins 14 & 15	USB connector 1	CN4
Soft off power supply	C1/pins 16 & 17	USB connector 2	CN5
Reset switch	C1/pins 19 & 20	PS/2 mouse port	CN6
IDE interface LED	C2	IDE interface 2	CN7
Chassis fan power	C3	IDE interface 1	CN8
CPU fan power	C4	Floppy drive interface	CN9
Fan power	C5	IR connector	IR1
Wake on LAN connector	C6	32-bit PCI slots	PC1 – PC4
VGA feature connector	C7		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	RTC	Pins 1 & 2 closed
CMOS memory clear	RTC	Pins 2 & 3 closed
í On board video enabled	VGA	Pins 2 & 3 closed
On board video disabled	VGA	Pins 1 & 2 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

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ASUS COMPUTER INTERNATIONAL
 SP97-XV (REV. 1.02 VIDEO)

... continued from previous page

SIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
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.

DIMM CONFIGURATION		
Size	Bank 2	Bank 3
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) 8M x 64	(1) 8M x 64

Note: Board accepts EDO & 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.

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ASUS COMPUTER INTERNATIONAL
 SP97-XV (REV. 1.02 VIDEO)

... continued from previous page

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.

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ASUS COMPUTER INTERNATIONAL
 SP97-XV (REV. 1.02 VIDEO)

... continued from previous page

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
2.1v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 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
3.2v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed