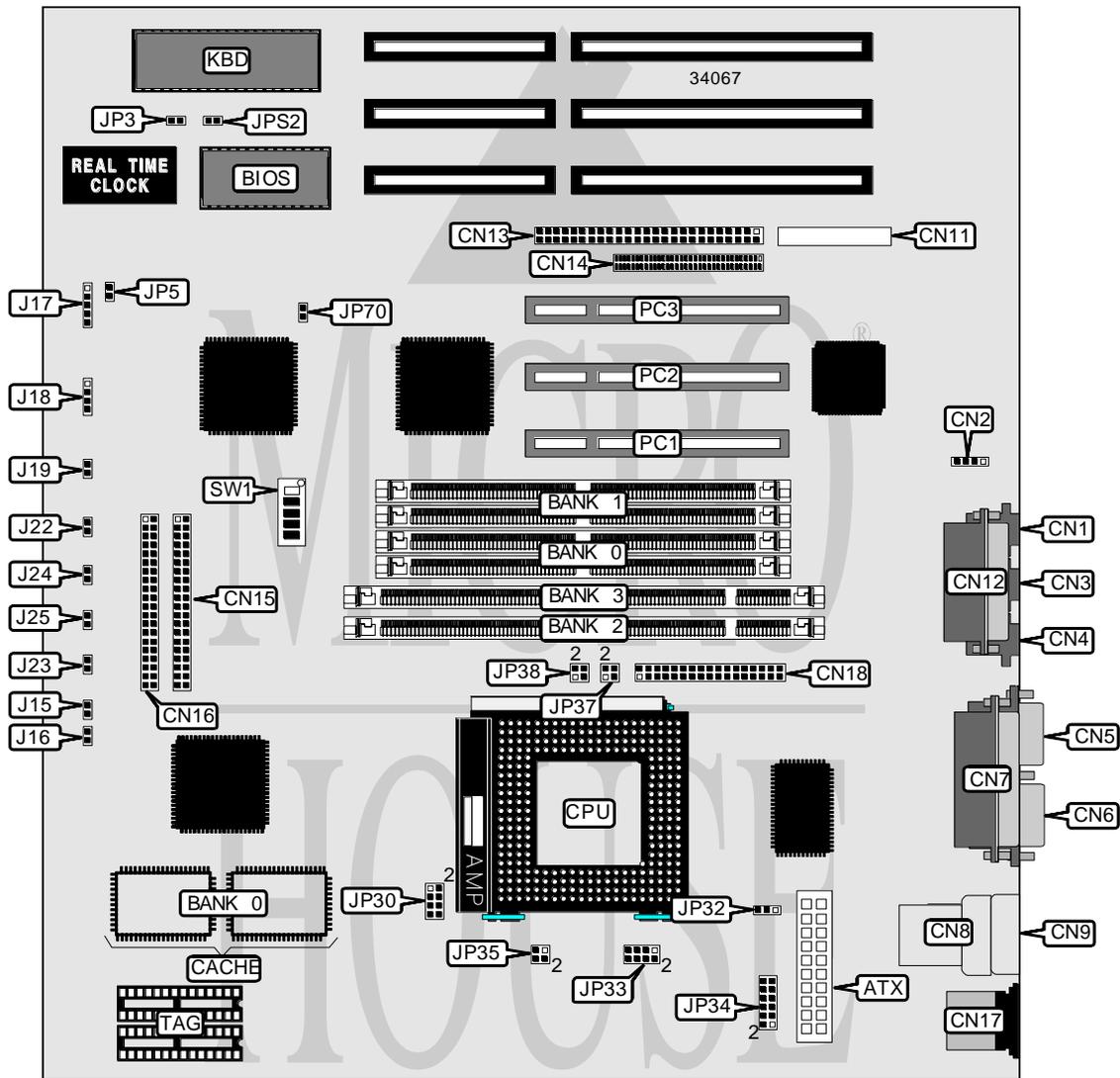


# SOYO COMPUTER CO., LTD.

## 5 T X 2 / X 5

<b>Processor</b>	CX M1/AM K5/Pentium
<b>Processor Speed</b>	75/90/100/120/133/150/166/180/200MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	512MB (EDO supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	305mm x 244mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), Fast SCSI interface, Wide SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, wavetable connector, microphone in, line in, line out, CD-ROM audio in, game port
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	CN15
Microphone in	CN1	IDE interface 2	CN16
CD-ROM audio in	CN2	PS/2 mouse port	CN17
Line in	CN3	Floppy drive interface	CN18
Line out	CN4	Soft power connector	J15
Serial port 2	CN5	Soft power connector	J16
Serial port 1	CN6	Power LED & keylock	J17
Parallel port	CN7	Speaker	J18
USB connector 1	CN8	Reset switch	J19
USB connector 2	CN9	Turbo LED	J22
IR connector	CN10	Green PC connector	J23
Wavetable connector	CN11	IDE interface LED	J24
Game port	CN12	SCSI LED	J25
Fast SCSI interface	CN13	32-bit PCI slots	PC1 – PC3
Wide SCSI interface	CN14		

Note: The location of CN10 is unidentified.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Monitor type select EGA/VGA	JP3	Closed
Monitor type select monochrome	JP3	Open
í CMOS memory normal operation	JP5	Open
CMOS memory clear	JP5	Closed
í Wide SCSI loading select 1 – 6 devices	JP70	Open
Wide SCSI loading select 7 – 15 devices	JP70	Closed
í PS/2 mouse disabled	JPS2	Open
PS/2 mouse enabled	JPS2	Closed

DIMM/DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
8MB	None	None	(1) 1M x 64	None
16MB	(2) 2M x 36	None	None	None
16MB	None	None	(1) 2M x 64	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
16MB	(2) 1M x 36	None	None	(1) 1M x 64
16MB	None	(2) 1M x 36	(1) 1M x 64	None
16MB	None	None	(1) 1M x 64	(1) 1M x 64
24MB	None	(2) 2M x 36	(1) 1M x 64	None
24MB	(2) 2M x 36	None	None	(1) 1M x 64
32MB	(2) 4M x 36	None	None	None

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DIMM/DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	None	None	(1) 4M x 64	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None
32MB	(2) 2M x 36	None	None	(1) 2M x 64
32MB	None	(2) 2M x 36	(1) 2M x 64	None
32MB	None	None	(1) 2M x 64	(1) 2M x 64
32MB	None	(2) 2M x 36	(1) 2M x 64	None
32MB	(2) 2M x 36	None	None	(1) 2M x 64
40MB	(2) 4M x 36	(2) 1M x 36	None	None
40MB	None	(2) 4M x 36	(1) 1M x 64	None
40MB	(2) 4M x 36	None	None	(1) 1M x 64
48MB	None	(2) 2M x 36	(1) 4M x 64	None
48MB	(2) 2M x 36	None	None	(1) 4M x 64
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	None	(2) 4M x 36	(1) 2M x 64	None
48MB	(2) 4M x 36	None	None	(1) 2M x 64
64MB	(2) 8M x 36	None	None	None
64MB	None	None	(1) 8M x 64	None
64MB	(2) 4M x 36	None	None	(1) 4M x 64
64MB	None	(2) 4M x 36	(1) 4M x 64	None
64MB	None	None	(1) 4M x 64	(1) 4M x 64
64MB	(2) 4M x 36	(2) 4M x 36	None	None
64MB	None	(2) 4M x 36	(1) 4M x 64	None
72MB	(2) 8M x 36	(2) 1M x 36	None	None
72MB	(2) 8M x 36	None	None	(1) 1M x 64
72MB	None	(2) 8M x 36	(1) 1M x 64	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None
80MB	None	(2) 8M x 36	(1) 2M x 64	None
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	(2) 8M x 36	None	None	(1) 4M x 64
96MB	None	(2) 8M x 36	(1) 4M x 64	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 16M x 36	None	None	None
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None

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DIMM/DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
160MB	(2) 16M x 36	(2) 4M x 36	None	None
192MB	(2) 16M x 36	(2) 8M x 36	None	None
256MB	(2) 32M x 36	None	None	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
264MB	(2) 32M x 36	(2) 1M x 36	None	None
272MB	(2) 32M x 36	(2) 2M x 36	None	None
288MB	(2) 32M x 36	(2) 4M x 36	None	None
320MB	(2) 32M x 36	(2) 8M x 36	None	None
384MB	(2) 32M x 36	(2) 16M x 36	None	None
512MB	(2) 32M x 36	(2) 32M x 36	None	None

Note: Board accepts EDO memory. Banks are interchangeable.

DIMM VOLTAGE CONFIGURATION		
Voltage	JP37	JP38
í 3.3v	Open	Pins 1 & 2, 3 & 4 closed
5v	Pins 1 & 2, 3 & 4 closed	Open

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 64	(2) 16K x 8
512KB	(2) 64K x 64	(2) 16K x 8

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
120MHz	50MHz	2x	On	Off	On	On	Off
133MHz	55MHz	2x	On	Off	Off	Off	Off
150MHz	60MHz	2x	On	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	On	Off

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
75MHz	50MHz	1.5x	Off	Off	On	On	Off
90MHz	60MHz	1.5x	Off	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	On	Off
120MHz	60MHz	1.5x	Off	Off	On	Off	Off
133MHz	66MHz	1.5x	Off	Off	Off	On	Off
150MHz	60MHz	2x	On	Off	On	Off	Off
166MHz	66MHz	2x	On	Off	Off	On	Off

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CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
75MHz	50MHz	1.5x	Off	Off	On	On	Off
90MHz	60MHz	1.5x	Off	Off	On	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	On	Off
120MHz	60MHz	2x	On	Off	On	Off	Off
133MHz	66MHz	2x	On	Off	Off	On	Off
150MHz	60MHz	2.5x	On	On	On	Off	Off
166MHz	66MHz	2.5x	On	On	Off	On	Off
180MHz	60MHz	3x	Off	On	On	Off	Off
200MHz	66MHz	3x	Off	On	Off	On	Off

CPU VOLTAGE SELECTION (SINGLE)					
Voltage	JP30	JP32	JP33	JP34	JP35
3.3v	Open	Open	1 & 2, 3 & 4	Open	1 & 2, 3 & 4
3.52v	Open	1 & 2	5 & 6, 7 & 8	11 & 12	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)						
Voltage	V core	JP30	JP32	JP33	JP34	JP35
3.3v	2.5v	1 & 2, 3 & 4	2 & 3	5 & 6, 7 & 8	1 & 2	Open
3.3v	2.7v	1 & 2, 3 & 4	2 & 3	5 & 6, 7 & 8	3 & 4	Open
3.3v	2.8v	1 & 2, 3 & 4	2 & 3	5 & 6, 7 & 8	5 & 6	Open
3.3v	2.9v	1 & 2, 3 & 4	2 & 3	5 & 6, 7 & 8	7 & 8	Open
3.52v	2.5v	5 & 6, 7 & 8	2 & 3	5 & 6, 7 & 8	1 & 2	Open
3.52v	2.7v	5 & 6, 7 & 8	2 & 3	5 & 6, 7 & 8	3 & 4	Open
3.52v	2.8v	5 & 6, 7 & 8	2 & 3	5 & 6, 7 & 8	5 & 6	Open
3.52v	2.9v	5 & 6, 7 & 8	2 & 3	5 & 6, 7 & 8	7 & 8	Open

Note: Pins designated should be in the closed position.