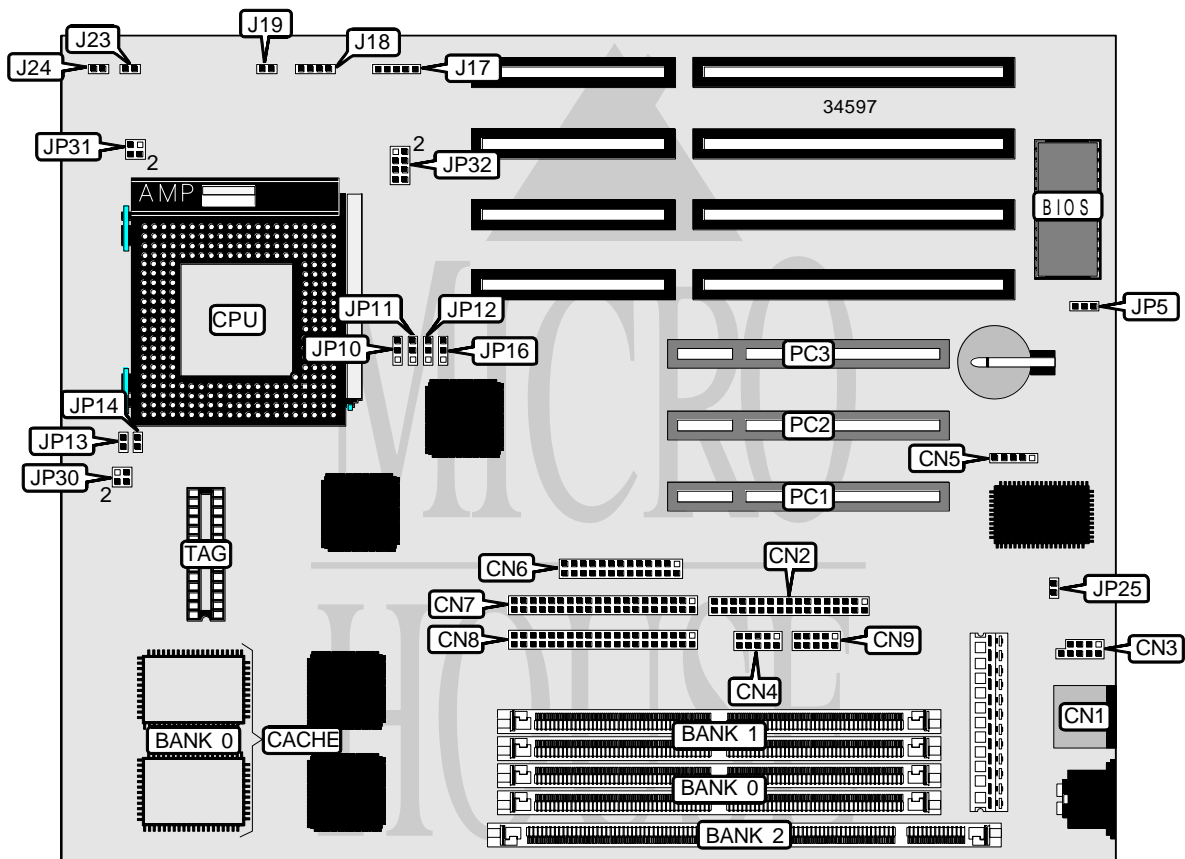


SOYO COMPUTER CO., LTD.
5EA5/A5C

Processor	CX 6X86/CX 6X86L/CX 6X86MX/AM K5/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200/233/266MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	Serial port 1	CN9
Floppy drive interface	CN2	Power LED & keylock	J17
USB connector	CN3	Speaker	J18
Serial port 2	CN4	Reset switch	J19
IR connector	CN5	Green PC connector	J23
Parallel port	CN6	IDE interface LED	J24
IDE interface 2	CN7	32-bit PCI slots	PC1 - PC3
IDE interface 1	CN8		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP5	Pins 1 & 2 closed
CMOS memory clear	JP5	Pins 2 & 3 closed
í PCI bus select synchronous	JP16	Pins 1 & 2 closed
PCI bus select asynchronous	JP16	Pins 2 & 3 closed
EMI signals disabled	JP25	Closed
EMI signals enabled	JP25	Open

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
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. Banks are interchangeable.

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DIMM CONFIGURATION	
Size	Bank 0
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64

CACHE CONFIGURATION		
Size	Bank 0	TAG
512KB	(2) 64K x 32	(1) 16K x 8

CPU SPEED SELECTION (CX 6X86/6X 86L)							
CPU speed	Clock speed	Multiplier	JP10	JP11	JP12	JP13	JP14
120MHz	50MHz	2x	2 & 3	2 & 3	2 & 3	Closed	Open
133MHz	55MHz	2x	1 & 2	2 & 3	2 & 3	Closed	Open
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	Closed	Open
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	Closed	Open
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	Closed	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)							
CPU speed	Clock speed	Multiplier	JP10	JP11	JP12	JP13	JP14
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	Closed	Closed
200MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	Closed	Closed
233MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	Open	Closed
233MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	Closed	Closed
266MHz	75MHz	3x	1 & 2	2 & 3	1 & 2	Open	Closed

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)							
CPU speed	Clock speed	Multiplier	JP10	JP11	JP12	JP13	JP14
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	Open	Open
90MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	Open	Open
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	Open	Open
120MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	Open	Open
133MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	Open	Open
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	Closed	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	Closed	Closed

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K6)							
CPU speed	Clock speed	Multiplier	JP10	JP11	JP12	JP13	JP14
150MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	Closed	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	Closed	Closed
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	Open	Closed

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP10	JP11	JP12	JP13	JP14
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	Open	Open
90MHz	60MHz	1.5x	1 & 2	2 & 3	2 & 3	Open	Open
100MHz	66MHz	1.5x	2 & 3	1 & 2	2 & 3	Open	Open
120MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	Closed	Open
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	Closed	Open
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	Closed	Closed
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	Closed	Closed
180MHz	60MHz	3x	1 & 2	2 & 3	2 & 3	Open	Closed
200MHz	66MHz	3x	2 & 3	1 & 2	2 & 3	Open	Closed

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)			
Voltage	JP30	JP31	JP32
3.3v	Open	1 & 2, 3 & 4	1 & 2
í 3.52v	Open	1 & 2, 3 & 4	3 & 4

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)			
Voltage	JP30	JP31	JP32
í 2.8v	1 & 2, 3 & 4	Open	5 & 6
2.9v	1 & 2, 3 & 4	Open	7 & 8

Note: Pins designated should be in the closed position.