SOYO COMPUTER CO., LTD.
S Y - 5 T E 2 / E 5 / E 0

Processor	CX M1/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Intel
Maximum Onboard Memory	128MB
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
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), VRM connector, cache slot
NPU Options	None

J5	JP9	JP17	JP24
JP2	JP14	JP18	JP25
JP6	JP15	JP19	JP26
JP7	JP16	JP23	JP30

LOCATION UNIDENTIFIED

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CONNECTIONS			
Function	**Label**	**Function**	**Label**
Serial port 2	CN1	Power LED & keylock	J17
Serial port 1	CN2	Speaker	J18
Parallel port	CN3	Reset switch	J19
Floppy drive interface	CN4	Turbo LED	J22
IDE interface 2	CN5	Green PC connector	JP8
IDE interface 1	CN6	IDE interface LED	JP11
PS/2 mouse port	J2	32-bit PCI slots	PC1 - PC4
VRM connector	J4	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Setting	**Label**	**Position**
í Factory configured - do not alter	J5	Unidentified
í PS/2 mouse disabled	J11	Open
PS/2 mouse enabled	J11	Closed
í Factory configured - do not alter	JP2	Unidentified
í Monitor type select color	JP3	Closed
Monitor type select monochrome	JP3	Open
í CMOS memory normal operation	JP5	Open
CMOS memory clear	JP5	Closed
í Factory configured - do not alter	JP6	Pins 1 & 2 closed
í Factory configured - do not alter	JP7	Pins 1 & 2 closed
í Factory configured - do not alter	JP9	Unidentified
í AT bus clock speed select /4 (all CPUs except 75 & 120MHz)	JP10	Pins 2 & 3 closed
AT bus clock speed select /3 (75 & 120MHz only)	JP10	Pins 1 & 2 closed
í Factory configured - do not alter	JP14	Pins 1 & 2 closed
í Factory configured - do not alter	JP15	Unidentified
í Factory configured - do not alter	JP16	Unidentified
í Factory configured - do not alter	JP17	Unidentified
í Factory configured - do not alter	JP18	Unidentified
í Factory configured - do not alter	JP19	Unidentified
í Factory configured - do not alter	JP23	Unidentified
í Factory configured - do not alter	JP24	Unidentified
í Factory configured - do not alter	JP25	Unidentified
í Factory configured - do not alter	JP26	Unidentified
í Factory configured - do not alter	JP30	Pins 1 & 2 closed

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SY-5TE2/E5/E0

DRAM		
Size	**Bank 0**	**Bank 1**
4MB	(2) 512K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	None
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board accepts EDO memory.		

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CACHE SIZE			
Size	**Bank 0**	**TAG**	**SL1**
256KB	(2) 32K x 32	(1) 16K x 8	Not installed
512KB	(2) 32K x 32	(1) 16K x 8	Installed

CACHE JUMPER		
Size	**JP4**	**JP33**
256KB	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED					
External speed	**Internal speed**	**JP12**	**JP13**	**JP21**	**JP22**
75MHz	50MHz	Open	Open	Open	Open
90MHz	60MHz	Closed	Open	Open	Open
100MHz	66MHz	Closed	Closed	Open	Open
100MHz	50MHz	Open	Open	Closed	Open
120MHz	60MHz	Closed	Open	Closed	Open
133MHz	66MHz	Closed	Closed	Closed	Open
150MHz	60MHz	Closed	Open	Closed	Closed
166MHz	66MHz	Closed	Closed	Closed	Closed
180MHz	60MHz	Closed	Open	Open	Closed
200MHz	66MHz	Closed	Closed	Open	Closed

CPU VOLTAGE			
Setting	**J8**	**J9**	**J10**
3.3v	Closed	Open	Open
3.45v - 3.6v	Open	Closed	Open