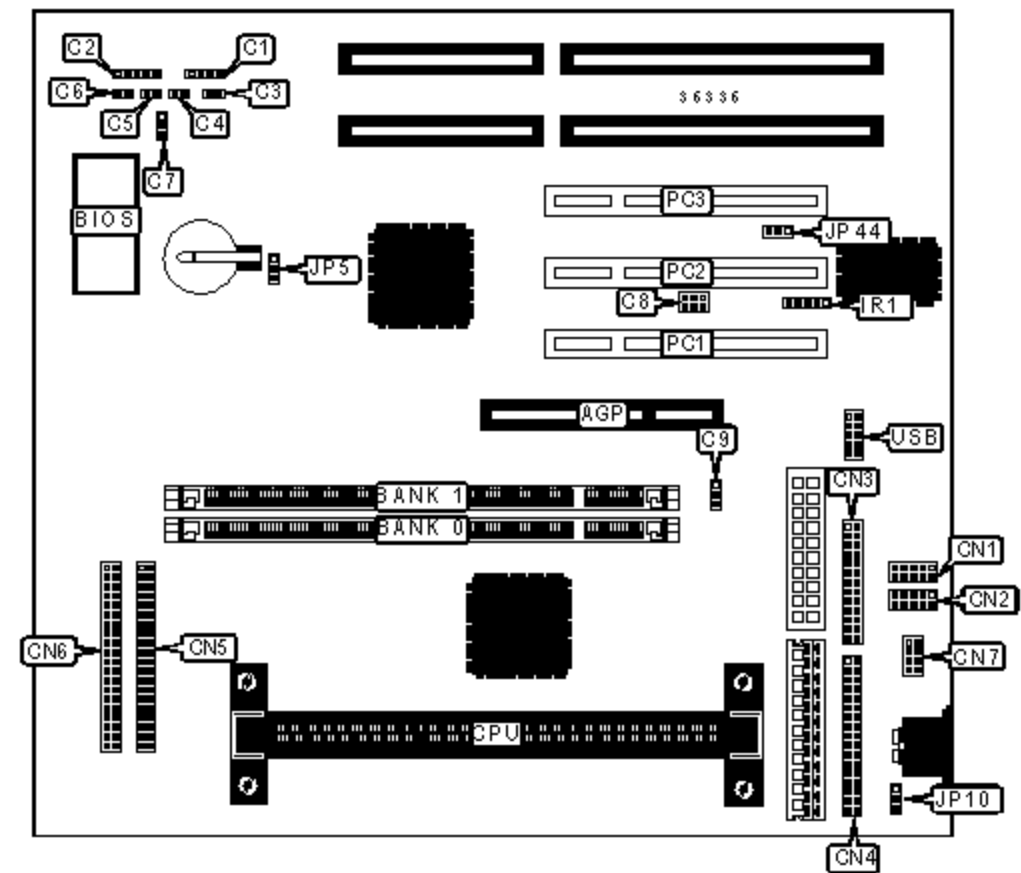


# SOYO COMPUTER CO., LTD

## SY-61EB

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II/Celeron
<b>Processor Speed</b>	233/266/300/333/366MHz
<b>Chip Set</b>	Intel 440EX
<b>Maximum Onboard Memory</b>	256MB (SDRAM supported)
<b>Maximum Video Memory</b>	1MB
<b>Cache</b>	0/128/256/512KB (located on the CPU)
<b>BIOS</b>	Award
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector, ATX power connector, AGP slot, SB-link connector, wake on LAN connector



### CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Serial port 2	CN1
ATX power connector	ATX	Serial port 1	CN2
Speaker	C1	Parallel port	CN3
Power LED & keylock	C2	Floppy drive interface	CN4
IDE interface LED	C3	IDE interface 2	CN5
Turbo LED	C4	IDE interface 1	CN6

Soft off power supply	C5	PS/2 mouse interface	CN7
Reset switch	C6	IR connector	IR1
Chassis fan power	C7	Wake on LAN connector	JP44
SB-link connector	C8	32-bit PCI slots	PC1 - PC3
CPU fan power	C9	USB connector	USB

### USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP5	Pins 1 & 2 closed
	CMOS memory clear	JP5	Pins 2 & 3 closed
»	Keyboard power on disabled	JP10	Pins 2 & 3 closed
	Keyboard power on enabled	JP10	Pins 1 & 2 closed

### DIMM CONFIGURATION

Size	Bank 0	Bank 1
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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64

<b>DIMM CONFIGURATION (CON'T)</b>		
<b>Size</b>	<b>Bank 0</b>	<b>Bank 1</b>
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts SDRAM memory.		

<b>CACHE CONFIGURATION</b>
Note: 256KB/512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300 & 333A CPU.