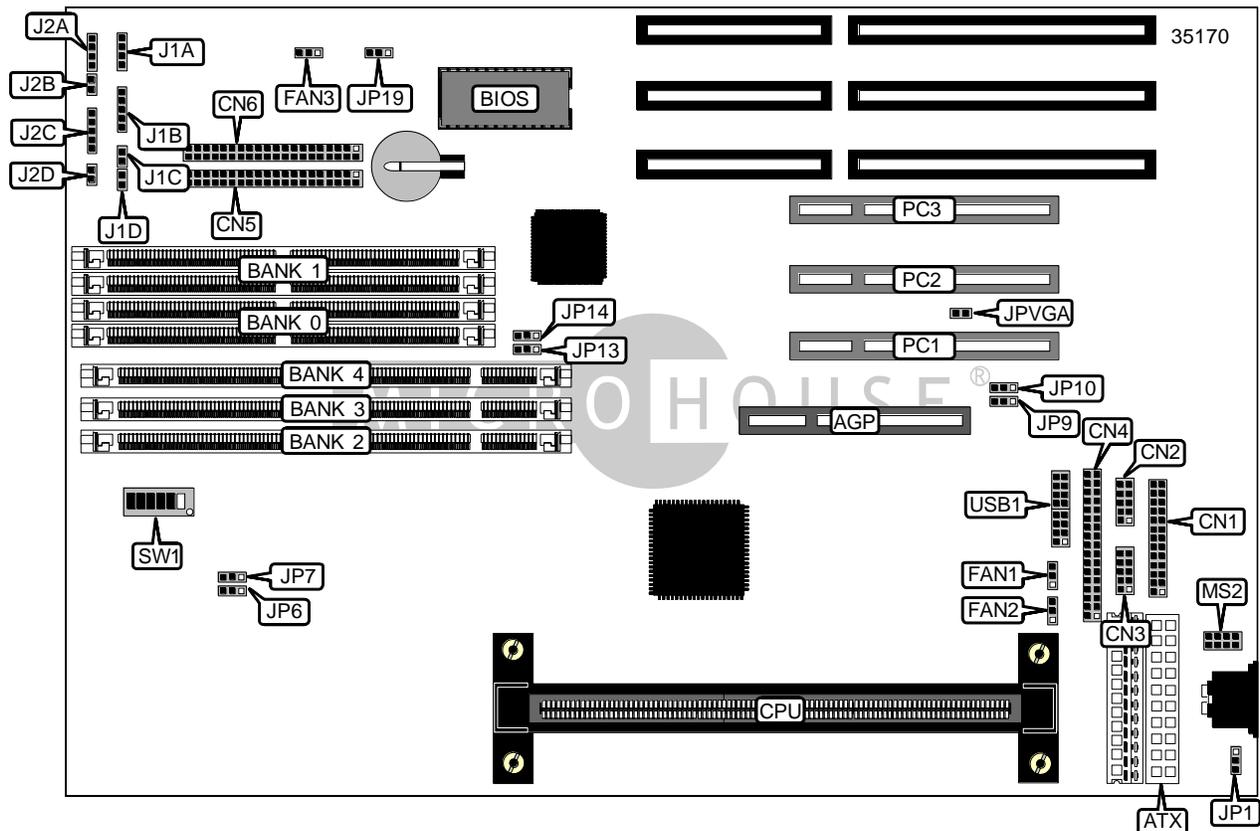


# SOLTEK COMPUTER, INC.

## SL - 61 B

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel 440LX
Maximum Onboard Memory	1GB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connector (2), AGP slot, ATX power connector, green PC connector
Dimensions	330mm x 220mm



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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface LED	J1A
ATX power connector	ATX	IR connector	J1B
Parallel port	CN1	Power switch	J1C
Serial port 1	CN2	Green PC connector	J1D
Serial port 2	CN3	Speaker	J2A
Floppy drive interface	CN4	Reset switch	J2B
IDE interface 2	CN5	Power LED & Keylock	J2C
IDE interface 1	CN6	Turbo LED	J2D
Power fan connector	FAN1	32-bit PCI slots	PC1 - PC3
CPU fan connector	FAN2	PS/2 mouse interface	MS2
Chassis fan connector	FAN3	USB connector	USB1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP19	Pins 1 & 2 closed
CMOS memory clear	JP19	Pins 2 & 3 closed
í Normal VGA card enabled	JPVGA	Closed
Special VGA card enabled	JPVGA	Open

DIP SWITCH SELECTION		
Function	JP6	JP7
í DIP SW1 enabled	Pins 2 & 3 closed	Pins 2 & 3 closed
BIOS setting enabled	Pins 1 & 2 closed	Pins 1 & 2 closed

USB PORT SELECTION		
Function	JP9	JP10
í Redirect all USB ports to USB connector	Pins 2 & 3 closed	Pins 2 & 3 closed
Redirect one USB to AGP port	Pins 1 & 2 closed	Pins 1 & 2 closed

SIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1MB x 36	None
16MB	(2) 1MB x 36	(2) 1MB x 36
16MB	(2) 2MB x 36	None
24MB	(2) 2MB x 36	(2) 1MB x 36
32MB	(2) 2MB x 36	(2) 2MB x 36
32MB	(2) 4MB x 36	None
40MB	(2) 4MB x 36	(2) 1MB x 36
48MB	(2) 4MB x 36	(2) 2MB x 36
64MB	(2) 4MB x 36	(2) 4MB x 36
64MB	(2) 8MB x 36	None
72MB	(2) 8MB x 36	(2) 1MB x 36
80MB	(2) 8MB x 36	(2) 2MB x 36
96MB	(2) 8MB x 36	(2) 4MB x 36

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SIMM CONFIGURATION (CONT.)		
Size	Bank 0	Bank 1
128MB	(2) 8MB x 36	(2) 8MB x 36
128MB	(2) 16MB x 36	None
136MB	(2) 16MB x 36	(2) 1MB x 36
144MB	(2) 16MB x 36	(2) 2MB x 36
160MB	(2) 16MB x 36	(2) 4MB x 36
192MB	(2) 16MB x 36	(2) 8MB x 36
256MB	(2) 16MB x 36	(2) 16MB x 36
256MB	(2) 32MB x 36	None
264MB	(2) 32MB x 36	(2) 1MB x 36
272MB	(2) 32MB x 36	(2) 2MB x 36
288MB	(2) 32MB x 36	(2) 4MB x 36
320MB	(2) 32MB x 36	(2) 8MB x 36
384MB	(2) 32MB x 36	(2) 16MB x 36
512MB	(2) 32MB x 36	(2) 32MB x 36

Note: Bank 0 and Bank 4 cannot be used together.

SIMM VOLTAGE SELECTION		
Voltage	JP13	JP14
5v	Pins 1 & 2 closed	Pins 1 & 2 closed
3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	Bank 2	Bank 3	Bank 4
8MB	(1) 1MB x 64	None	None
16MB	(1) 1MB x 64	(1) 1MB x 64	None
16MB	(1) 2MB x 64	None	None
24MB	(1) 1MB x 64	(1) 1MB x 64	(1) 1MB x 64
24MB	(1) 2MB x 64	(1) 1MB x 64	None
32MB	(1) 2MB x 64	(1) 2MB x 64	None
32MB	(1) 4MB x 64	None	None
40MB	(1) 2MB x 64	(1) 2MB x 64	(1) 1MB x 64
48MB	(1) 2MB x 64	(1) 2MB x 64	(1) 2MB x 64
40MB	(1) 4MB x 64	(1) 1MB x 64	None
48MB	(1) 4MB x 64	(1) 2MB x 64	None
64MB	(1) 4MB x 64	(1) 4MB x 64	None
64MB	(1) 8MB x 64	None	None
72MB	(1) 4MB x 64	(1) 4MB x 64	(1) 1MB x 64
80MB	(1) 4MB x 64	(1) 4MB x 64	(1) 2MB x 64
96MB	(1) 4MB x 64	(1) 4MB x 64	(1) 4MB x 64
72MB	(1) 8MB x 64	(1) 1MB x 64	None
80MB	(1) 8MB x 64	(1) 2MB x 64	None
96MB	(1) 8MB x 64	(1) 4MB x 64	None
128MB	(1) 8MB x 64	(1) 8MB x 64	None
128MB	(1) 16MB x 64	None	None

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DIMM CONFIGURATION (CONT.)			
Size	Bank 2	Bank 3	Bank 4
160MB	(1) 8MB x 64	(1) 8MB x 64	(1) 4MB x 64
192MB	(1) 8MB x 64	(1) 8MB x 64	(1) 8MB x 64
136MB	(1) 16MB x 64	(1) 1MB x 64	None
144MB	(1) 16MB x 64	(1) 2MB x 64	None
160MB	(1) 16MB x 64	(1) 4MB x 64	None
192MB	(1) 16MB x 64	(1) 8MB x 64	None
256MB	(1) 16MB x 64	(1) 16MB x 64	None
256MB	(1) 32MB x 64	None	None
288MB	(1) 16MB x 64	(1) 16MB x 64	(1) 4MB x 64
320MB	(1) 16MB x 64	(1) 16MB x 64	(1) 8MB x 64
384MB	(1) 16MB x 64	(1) 16MB x 64	(1) 16MB x 64
264MB	(1) 32MB x 64	(1) 1MB x 64	None
272MB	(1) 32MB x 64	(1) 2MB x 64	None
288MB	(1) 32MB x 64	(1) 4MB x 64	None
320MB	(1) 32MB x 64	(1) 8MB x 64	None
384MB	(1) 32MB x 64	(1) 16MB x 64	None
512MB	(1) 32MB x 64	(1) 32MB x 64	None
576MB	(1) 32MB x 64	(1) 32MB x 64	(1) 8MB x 64
640MB	(1) 32MB x 64	(1) 32MB x 64	(1) 16MB x 64
768MB	(1) 32MB x 64	(1) 32MB x 64	(1) 32MB x 64

Note: Banks are interchangeable. Bank 0 and Bank 4 cannot be used together.

CPU SPEED SELECTION								
CPU Speed	Clock Speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
233MHz	66MHz	3.5x	On	Off	Off	On	Off	Off
266MHz	66MHz	4x	Off	On	On	On	Off	Off
300MHz	66MHz	4.5x	Off	On	Off	On	Off	Off
333MHz	66MHz	5x	Off	Off	On	On	Off	Off