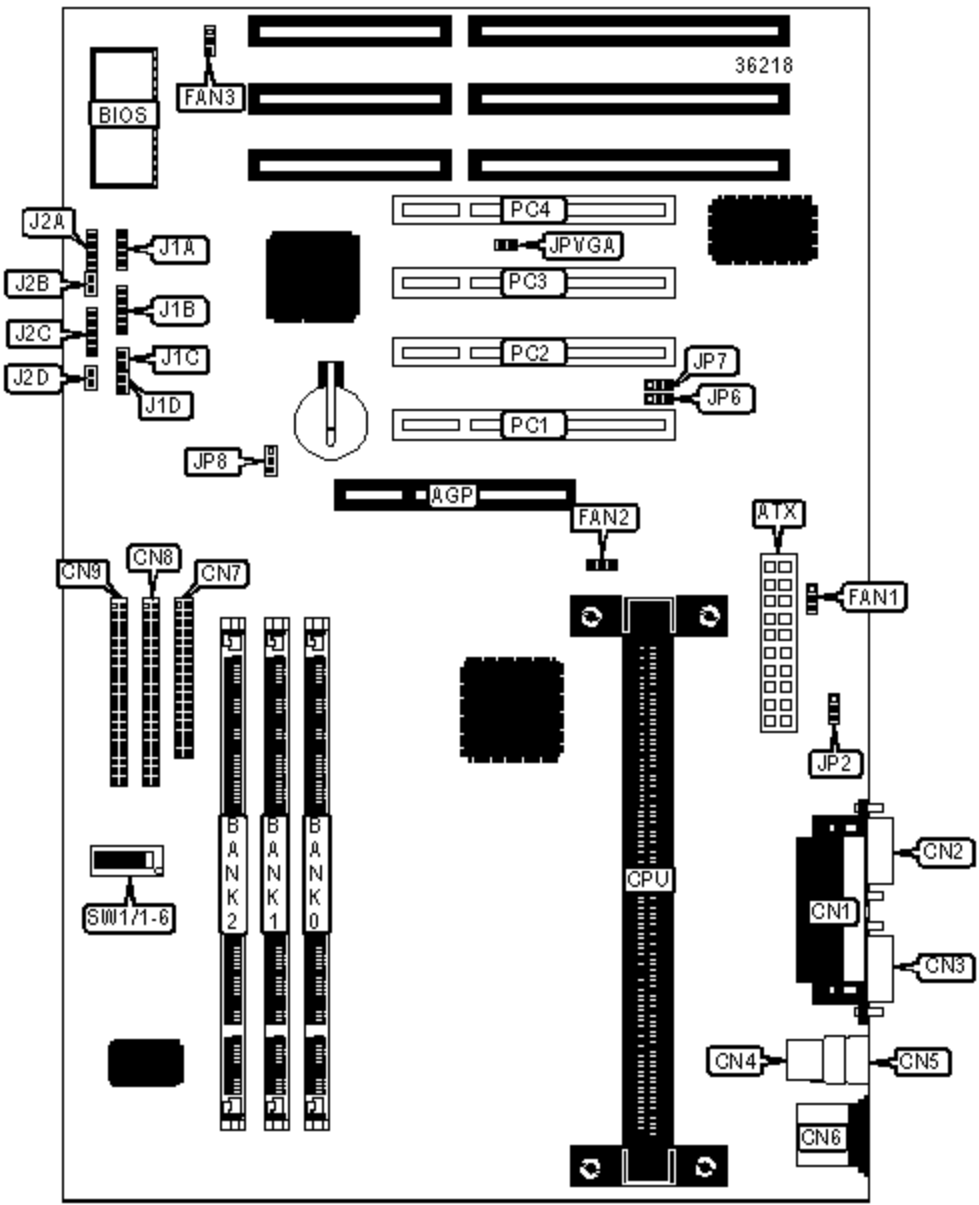


SOLTEK COMPUTER, INC.

SL-66B (VER.2.0)

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 (4), floppy drive interface, IDE interface (2), parallel port, PS/2 mouse port, serial ports (2), USB ports (2), IR connector, ATX power connector, AGP slot, green PC connector
Dimensions	300mm x 190mm



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	FAN2
ATX power connector	ATX	Chassis fan power	FAN3

Parallel port	CN1	IDE interface LED	J1A
Serial port 2	CN2	IR connector	J1B
Serial port 1	CN3	Power switch	J1C
USB connector 2	CN4	Green PC connector	J1D
USB connector 1	CN5	Speaker	J2A
PS/2 mouse port	CN6	Reset switch	J2B
Floppy drive interface	CN7	Power LED & Keylock	J2C
IDE interface 2	CN8	Turbo LED	J2D
IDE interface 1	CN9	32-bit PCI slots	PC1 - PC4
CPU fan power	FAN1		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Factory configured - do not alter	JP2	Unidentified
»	Normal VGA card enabled	JPVGA	Closed
	Special VGA card enabled	JPVGA	Open
»	CMOS normal operation	JP8	Pins 1 & 2 closed
	CMOS clear	JP8	Pins 2 & 3 closed

USB PORT SELECTION

Function		JP6	JP7
»	Redirect USB1 to AGP port	Pins 1 & 2 closed	Pins 1 & 2 closed
	Redirect all USB ports to USB connector	Pins 2 & 3 closed	Pins 2 & 3 closed

DRAM CONFIGURATION

01	01	01	01
----	----	----	----

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

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
96MB	(1) 4MB x 36	(1) 4MB x 64	(1) 4MB x 64
96MB	(1) 8MB x 36	(1) 4MB x 64	None
128MB	(1) 8MB x 36	(1) 8MB x 64	None
128MB	(1) 16MB x 36	None	None
136MB	(1) 16MB x 36	(1) 1MB x 64	None

144MB	(1) 16MB x 36	(1) 2MB x 64	None
160MB	(1) 16MB x 36	(1) 4MB x 64	None
192MB	(1) 16MB x 36	(1) 8MB x 64	None
256MB	(1) 16MB x 36	(1) 16MB x 64	None
256MB	(1) 32MB x 36	None	None
264MB	(1) 16MB x 36	(1) 16MB x 64	(1) 1MB x 64
264MB	(1) 32MB x 36	(1) 1MB x 64	None
272MB	(1) 32MB x 36	(1) 2MB x 64	None
272MB	(1) 16MB x 36	(1) 16MB x 64	(1) 2MB x 64
288MB	(1) 16MB x 36	(1) 16MB x 64	(1) 4MB x 64
288MB	(1) 32MB x 36	(1) 4MB x 64	None
320MB	(1) 16MB x 36	(1) 16MB x 64	(1) 8MB x 64
320MB	(1) 32MB x 36	(1) 8MB x 64	None
384MB	(1) 16MB x 36	(1) 16MB x 64	(1) 16MB x 64
384MB	(1) 32MB x 36	(1) 16MB x 64	None
512MB	(1) 32MB x 36	(1) 32MB x 64	None
520MB	(1) 32MB x 36	(1) 32MB x 64	(1) 1MB x 64
528MB	(1) 32MB x 36	(1) 32MB x 64	(1) 2MB x 64
544MB	(1) 32MB x 36	(1) 32MB x 64	(1) 4MB x 64
618MB	(1) 32MB x 36	(1) 32MB x 64	(1) 8MB x 64
640MB	(1) 32MB x 36	(1) 32MB x 64	(1) 16MB x 64
768MB	(1) 32MB x 36	(1) 32MB x 64	(1) 32MB x 64
1024MB	(1) 64MB x 64	(1) 64MB x 64	None

Note: Board supports 1GB using EDO DRAM, and 512MB using SDRAM. It is not recommended that you combine EDO and SDRAM.

CACHE CONFIGURATION

256/512KB cache is located on the Pentium II CPU.

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