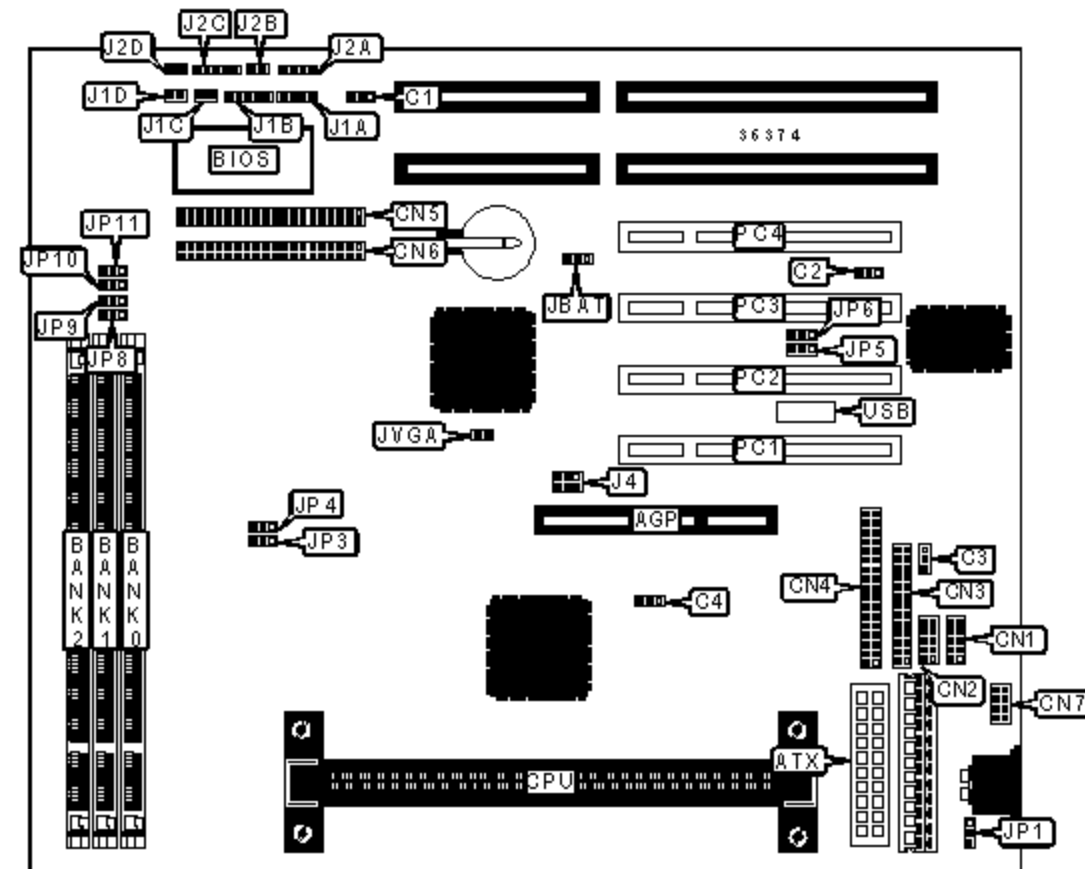


SOLTEK COMPUTER, INC.

SL-62A

Device Type	Mainboard
Processor	Pentium II/Celeron
Processor Speed	233/266/300/333/366/350/400/450/500/MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (SDRAM & PC100 supported)
Cache	0/128/512KB (located on the CPU)
BIOS	Award
Dimensions	230mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, 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	PS/2 mouse interface	CN7
ATX power connector	ATX	IDE interface LED	J1A
Chassis fan power	C1	IR connector	J1B
Wake on LAN connector	C2	Soft off power supply	J1C
Power fan power	C3	Green PC connector	J1D
CPU fan power	C4	Speaker	J2A

Serial port 2	CN1	Reset switch	J2B
Serial port 1	CN2	Power LED & keylock	J2C
Parallel port	CN3	Green PC LED	J2D
Floppy drive interface	CN4	SB-link connector	J4
IDE interface 2	CN5	32-bit PCI slots	PC1 - PC4
IDE interface 1	CN6	USB connector	USB

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JBAT	Pins 1 & 2 closed
	CMOS memory clear	JBAT	Pins 2 & 3 closed
»	Keyboard power on disabled	JP1	Pins 1 & 2 closed
	Keyboard power on enabled	JP1	Pins 2 & 3 closed
»	Normal VGA card installed	JVGA	Closed
	Special VGA card installed	JVGA	Open

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None

40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64
112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64

144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 32M x 64	None	None
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None
720MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
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Note: Board accepts SDRAM & PC100 memory.

CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium II CPU. 128KB cache is located on the Celeron 300A & 333 CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP3	JP4	JP8	JP9	JP10	JP11
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	Open	Open	2 & 3
266MHz	66MHz	4x	1 & 2	2 & 3	Open	2 & 3	2 & 3	2 & 3
300MHz	66MHz	4.5x	1 & 2	2 & 3	Open	2 & 3	Open	2 & 3
333MHz	66MHz	5x	1 & 2	2 & 3	Open	Open	2 & 3	2 & 3
350MHz	100MHz	3.5x	1 & 2	2 & 3	2 & 3	Open	Open	2 & 3
400MHz	100MHz	4x	1 & 2	2 & 3	Open	2 & 3	2 & 3	2 & 3
450MHz	100MHz	4.5x	1 & 2	2 & 3	Open	2 & 3	Open	2 & 3
500MHz	100MHz	5x	1 & 2	2 & 3	Open	Open	2 & 3	2 & 3

USB SELECTION

Setting		JP5	JP6
»	Redirect all USB ports to USB connector	Pins 1 & 2 closed	Pins 1 & 2 closed
	Redirect USB1 to AGP port	Pins 2 & 3 closed	Pins 2 & 3 closed