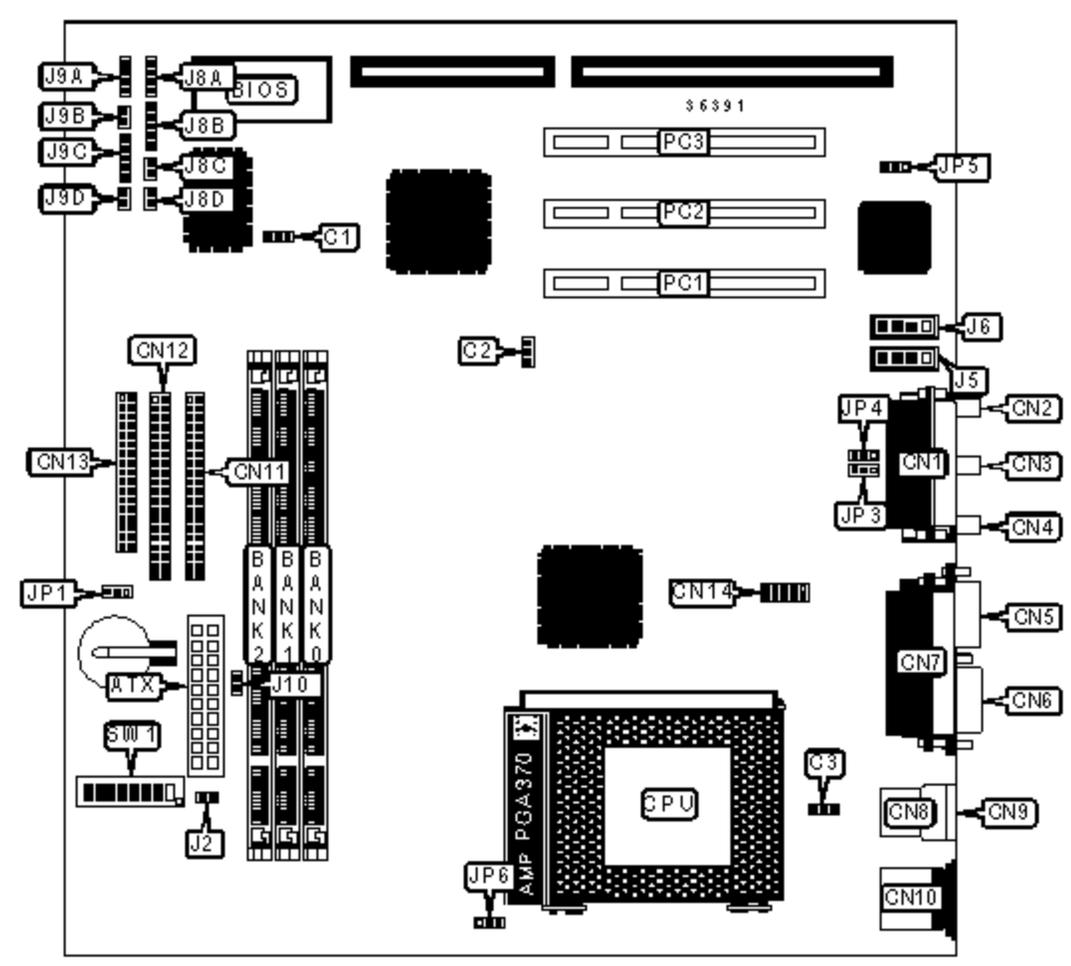


SOLTEK COMPUTER, INC.

SL-65GS

Device Type	Mainboard
Processor	Celeron
Processor Speed	300/333/366/400/433MHz
Chip Set	SIS 620
Video Chip Set	Unidentified
Maximum Onboard Memory	768MB (SDRAM supported) (Unified Memory Architecture UMA)
Audio Chip Set	ESS
Cache	128KB (located on Celeron CPU)
BIOS	Award
Dimensions	245mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, IR connector, USB connectors (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROMs (2), wake on LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
VGA feature connector	ATX	IDE interface 1	CN12
Wake on LAN connector	C1	IDE interface 2	CN13
Chassis fan power	C2	Serial port 2	CN14
CPU fan power	C3	Audio in - CD-ROM	J5

Game/MIDI port	CN1	Audio in - CD-ROM	J6
Microphone in	CN2	IDE interface LED	J8A
Line in	CN3	IR connector	J8B
Line out	CN4	Soft off power supply	J8C
VGA port	CN5	Green PC connector	J8D
Serial port 1	CN6	Speaker	J9A
Parallel port	CN7	Reset switch	J9B
USB connector 1	CN8	Power LED & keylock	J9C
USB connector 2	CN9	Green PC LED	J9D
PS/2 mouse port	CN10	32-bit PCI slots	PC1 - PC3
Floppy drive interface	CN11		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	On board video enabled	J2	Open
	On board video disabled	J2	Closed
»	Factory configured - do not alter	J10	Open
»	CMOS memory normal operation	JP1	Pins 2 & 3 closed
	CMOS memory clear	JP1	Pins 1 & 2 closed
»	On board sound enabled	JP5	Pins 2 & 3 closed
	On board sound disabled	JP5	Pins 1 & 2 closed
»	Factory configured - do not alter	JP6	Unidentified

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

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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
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
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Note: 128KB cache is located on the Celeron CPU.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
300MHz	66MHz	4.5x	On	Off	Off	On
333MHz	66MHz	5x	On	On	Off	Off
366MHz	66MHz	5.5x	On	Off	Off	Off
400MHz	66MHz	6x	Off	On	On	On
433MHz	66MHz	6.5x	Off	Off	On	On

CPU SPEED SELECTION (CON'T)

CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
300MHz	66MHz	4.5x	On	On	On	Off
333MHz	66MHz	5x	On	On	On	Off
366MHz	66MHz	5.5x	On	On	On	Off
400MHz	66MHz	6x	On	On	On	Off

433MHz	66MHz	6.5x	On	On	On	Off
--------	-------	------	----	----	----	-----

ONBOARD SOUND SELECTION

Setting		JP3	JP4
»	Speaker out	Pins 2 & 3 closed	Pins 2 & 3 closed
	Line out	Pins 1 & 2 closed	Pins 1 & 2 closed