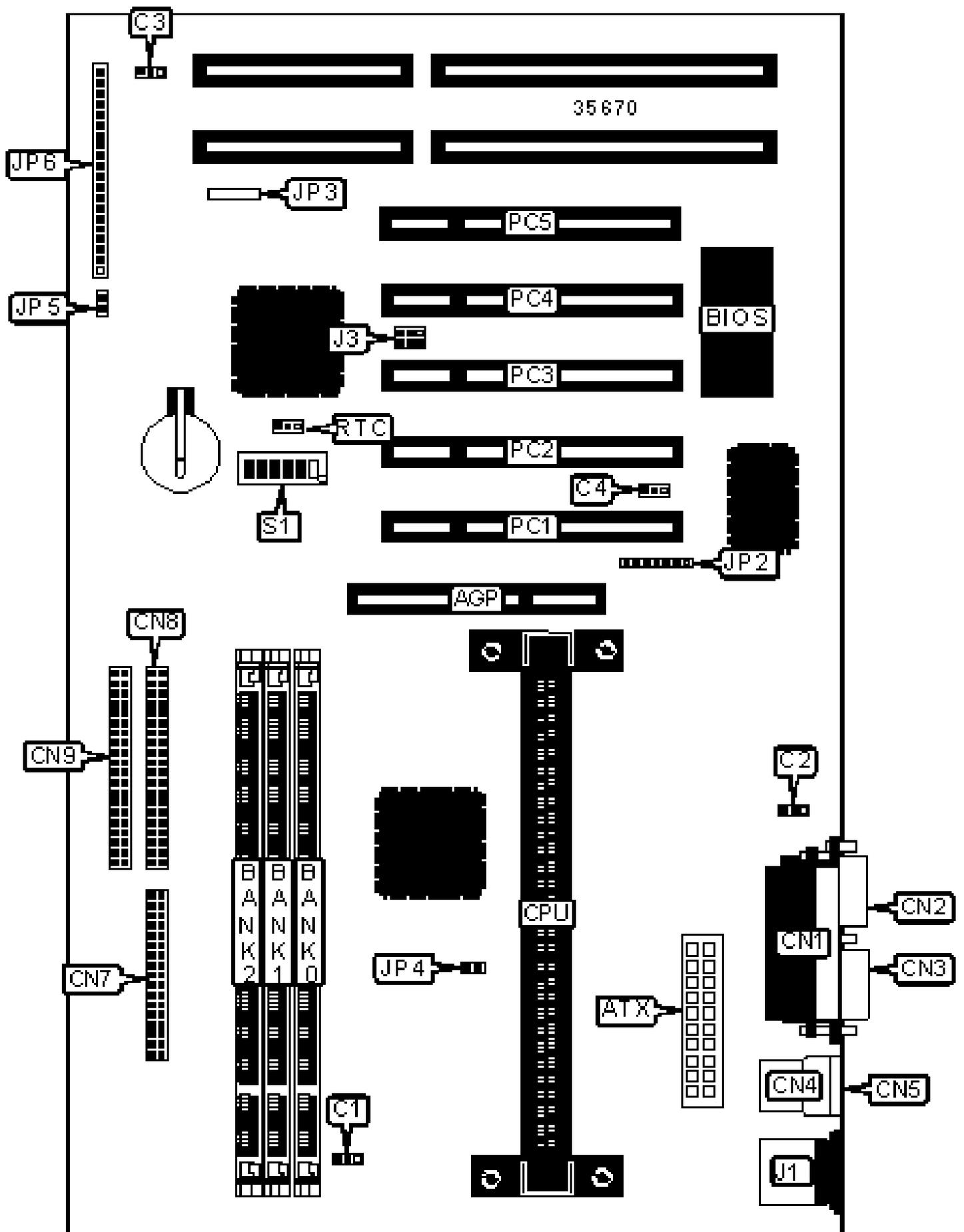


**LUCKY STAR TECHNOLOGY CO., LTD.**

**6ABX2V**

**Configuration**



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	PS/2 mouse port	J1
ATX power connector	ATX	SB-link connector	J3
CPU fan power	C1	IR connector	JP2
CPU fan power	C2	IC GL518SM connector	JP3
CPU fan power	C3	Thermistor connector	JP4
Wake on LAN connector	C4	Soft off power supply	JP5
Parallel port	CN1	Power LED & keylock	JP6/pins 1 – 5
Serial port 2	CN2	Speaker	JP6/pins 7 – 10
Serial port 1	CN3	Reset switch	JP6/pins 12 & 13
USB connector 1	CN4	IDE interface LED	JP6/pins 15 & 16
USB connector 2	CN5	Turbo LED	JP6/pins 18 & 19
Floppy drive interface	CN7	Green PC connector	JP6/pins 21 & 22
IDE interface 2	CN8	32-bit PCI slots	PC1 – PC5
IDE interface 1	CN9		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» CMOS memory normal operation	RTC	Pins 1 & 2 closed
CMOS memory clear	RTC	Pins 2 & 3 closed

## 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

### DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
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) 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
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

**DIMM CONFIGURATION (CON'T)**

Size	Bank 0	Bank 1	Bank 2
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
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
384MB	(1) 16M 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 EDO & SDRAM memory. Maximum SDRAM is 768MB. Maximum EDO is 384MB.

### 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	S1/1	S1/2	S1/3	S1/4	S1/5	S1/6
233MHz	66MHz	3.5x	Off	Off	On	On	Off	Off
266MHz	66MHz	4x	Off	Off	Off	Off	On	Off
300MHz	66MHz	4.5x	Off	Off	On	Off	On	Off
333MHz	66MHz	5x	Off	Off	Off	On	On	Off
366MHz	66MHz	2x	Off	Off	On	On	On	Off
350MHz	100MHz	3.5x	Off	Off	On	On	Off	Off

400MHz	100MHz	4x	Off	Off	Off	Off	On	Off
450MHz	100MHz	4.5x	Off	Off	On	Off	On	Off
500MHz	100MHz	5x	Off	Off	Off	On	On	Off
550MHz	100MHz	5.5x	Off	Off	On	On	On	Off
600MHz	100MHz	6x	Off	Off	Off	Off	Off	On
650MHz	100MHz	6.5x	Off	Off	On	Off	Off	On
700MHz	100MHz	7x	Off	Off	Off	On	Off	On
750MHz	100MHz	7.5x	Off	Off	On	On	Off	On
800MHz	100MHz	8x	Off	Off	Off	Off	On	On