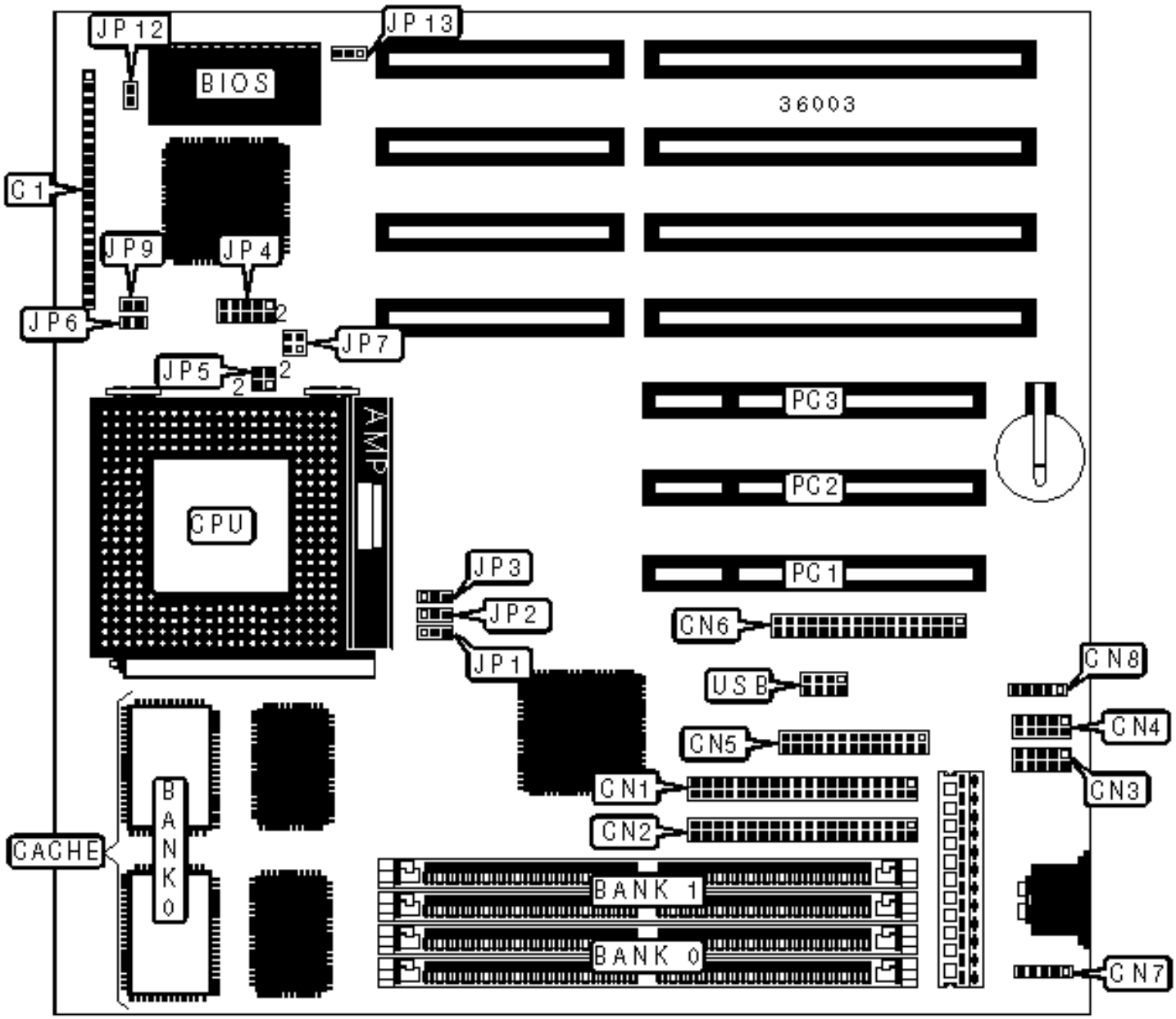
LUCKY STAR TECHNOLOGY CO., LTD.

5I-VX2C

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Green PC connector	C1/pins 1 & 2	Serial port 1	CN3
Turbo LED	C1/pins 4 & 5	Serial port 2	CN4
IDE interface LED	C1/pins 7 & 8	Parallel port	CN5
Reset switch	C1/pins 10 & 11	Floppy drive interface	CN6
Speaker	C1/pins 13 – 16	PS/2 mouse interface	CN7
Power LED & keylock	C1/pins 18 - 22	IR connector	CN8
IDE interface 1	CN1	32-bit PCI slots	PC1 – PC3
IDE interface 2	CN2	USB connector	USB

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	JP4/pins 9 & 10	Open
»	CMOS memory normal operation	JP12	Pins 1 & 2 closed
	CMOS memory clear	JP12	Pins 2 & 3 closed
	Flash BIOS voltage select 12v	JP13	Pins 2 & 3 closed
	Flash BIOS voltage select 5v	JP13	Pins 1 & 2 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None

32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION	
Size	Bank 0
256KB	(2) 32K x 32
512KB	(2) 64K x 32

CPU SPEED SELECTION (CX 6X86)							
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP6	JP9
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2	Closed	Open
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	Closed	Open
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	Closed	Open
160MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	Closed	Open
200MHz	75MHz	2x	2 & 3	1 & 2	2 & 3	Closed	Open
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX 6X86L)							
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP6	JP9

133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	Closed	Open
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	Closed	Open
160MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	Closed	Open
200MHz	75MHz	2x	2 & 3	1 & 2	2 & 3	Closed	Open
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AM K5)							
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP6	JP9
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	Open	Open
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open	Open
100MHz	66MHz	1.5x	1 & 2	2 & 3	1 & 2	Open	Open
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open	Open
133MHz	66MHz	1.5x	1 & 2	2 & 3	1 & 2	Open	Open
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	Closed	Closed
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	Closed	Closed
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AM K6)							
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP6	JP9
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	Closed	Closed
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Closed	Open
233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	Open	Open
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP6	JP9

75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	Open	Open
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open	Open
100MHz	66MHz	1.5x	1 & 2	2 & 3	1 & 2	Open	Open
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	Closed	Open
133MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	Closed	Open
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	Closed	Closed
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	Closed	Closed
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	Open	Closed
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Open	Closed
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP6	JP9
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	Closed	Closed
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	Closed	Open
233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	Open	Open
Note: Pins designated should be in the closed position.							

CPU TYPE SELECTION

Type	JP5	JP7
Single voltage	Open	Pins 1 & 2, 3 & 4 closed
Dual voltage	Pins 1 & 2, 3 & 4 closed	Open

CPU VOLTAGE SELECTION

Voltage	JP4
2.8v	Pins 7 & 8 closed

2.9v	Pins 5 & 6 closed
3.3v	Pins 3 & 4 closed
3.52v	Pins 1 & 2 closed