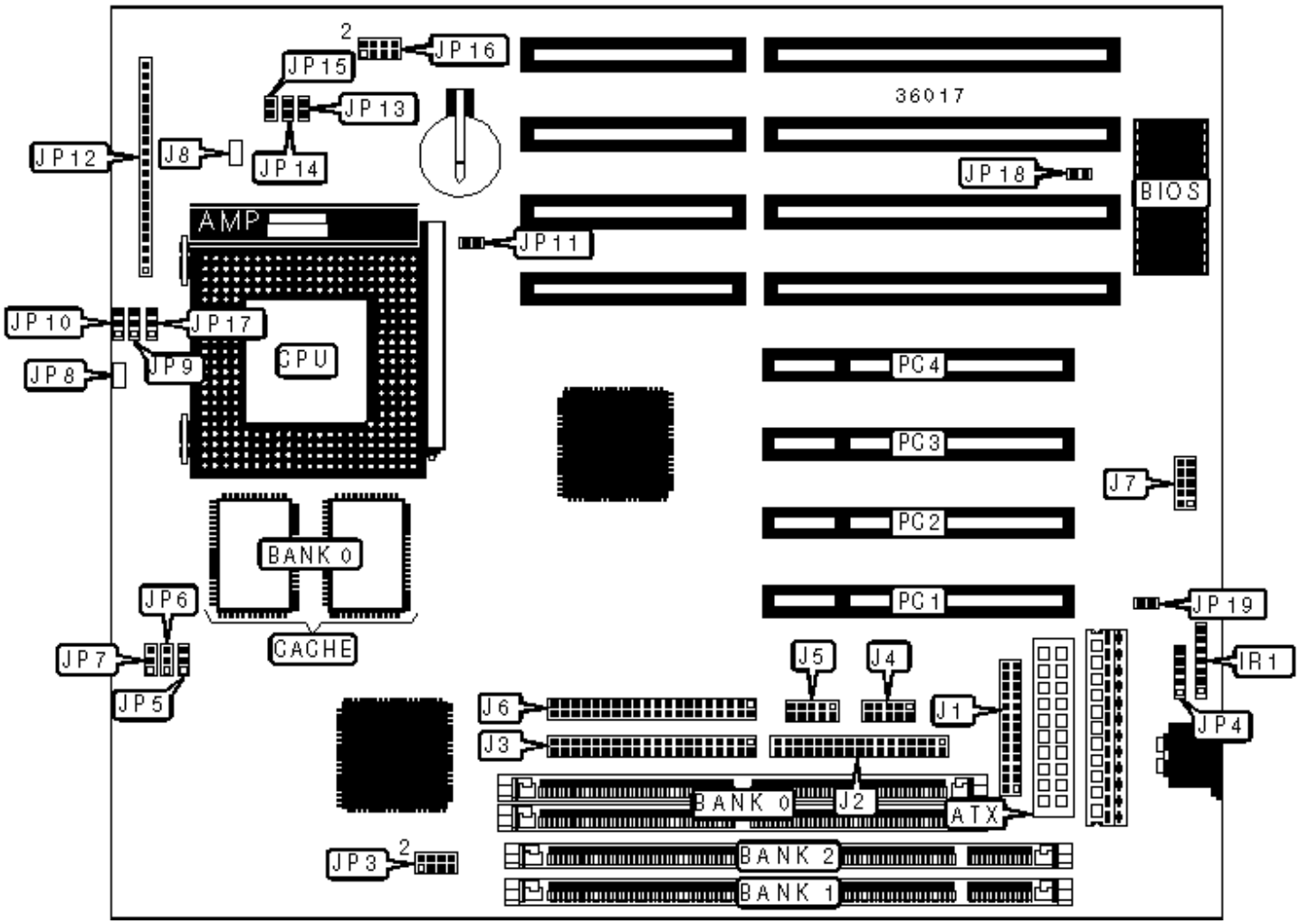
LUCKY STAR TECHNOLOGY CO., LTD.

5I-TX1B

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Power LED & keylock	JP12/pins 1 – 5
Parallel port	J1	Speaker	JP12/pins 7 – 10
Floppy drive interface	J2	Reset switch	JP12/pins 12 & 13
IDE interface 1	J3	IDE interface LED	JP12/pins 15 & 16
Serial port	J4	Turbo LED	JP12/pins 18 & 19
Serial port	J5	Green PC connector	JP12/pins 21 & 22
IDE interface 2	J6	IR connector	IR1
USB connector	J7	32-bit PCI slots	PC1 – PC4
PS/2 mouse interface	JP4		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	J8	Unidentified
»	Factory configured - do not alter	JP8	Unidentified
»	CMOS memory normal operation	JP11	Closed
	CMOS memory clear	JP11	Open
»	Factory configured - do not alter	JP17	Unidentified
	Flash BIOS write protect disabled	JP18	Open
	Flash BIOS write protect enabled	JP18	Closed
	Power supply type select AT	JP19	Closed
	Power supply type select ATX	JP19	Open

SIMM CONFIGURATION

Size	Bank 0

8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36

DIMM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None
64MB	(1) 4M x 64	(1) 4M x 64

DIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64

DIMM VOLTAGE CONFIGURATION	
Voltage	JP3
3.3v	Pins 1 & 2, 3 & 4, 5 & 6 closed
5v	Pins 7 & 8 closed

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	JP5	JP6	JP7	JP9	JP10
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX 6X86L)							
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP9	JP10
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP9	JP10
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP9	JP10
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP9	JP10
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP7	JP8

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

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP7	JP8
166MHz	66MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.							

CPU TYPE SELECTION

Type	JP13	JP14	JP15
Single voltage	Closed	Open	Open
Dual voltage	Open	Closed	Closed

CPU VOLTAGE SELECTION

Voltage	JP16
2.0v	Open

2.1v	Pins 1 & 2 closed
2.5v	Pins 1 & 2, 5 & 6 closed
2.8v	Pins 7 & 8 closed
2.9v	Pins 1 & 2, 7 & 8 closed
3.0v	Pins 3 & 4, 7 & 8 closed
3.1v	Pins 1 & 2, 3 & 4, 7 & 8 closed
3.2v	Pins 5 & 6, 7 & 8 closed
3.3v	Pins 1 & 2, 5 & 6, 7 & 8 closed
3.5v	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed