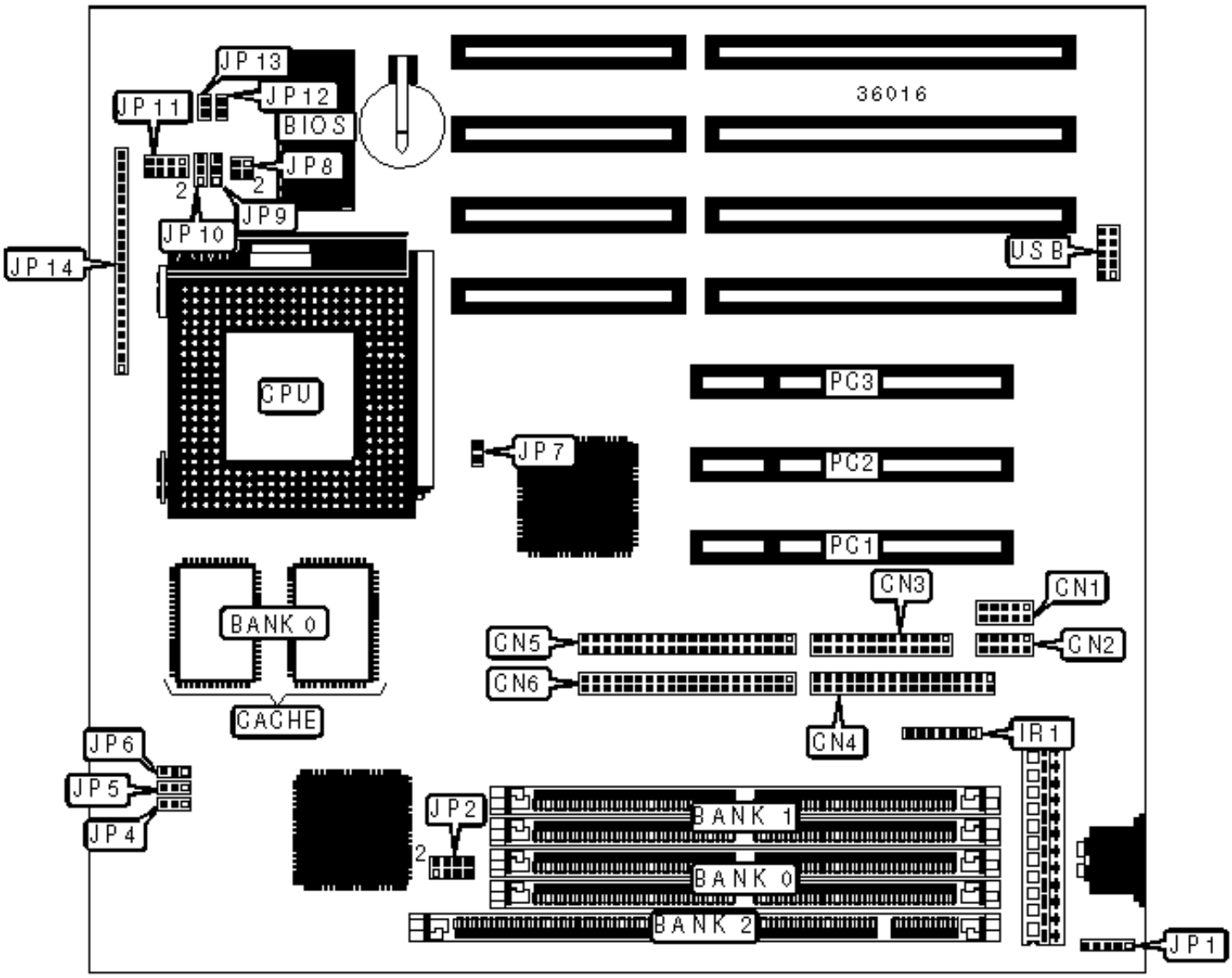
LUCKY STAR TECHNOLOGY CO., LTD.

5I-TX1A

Configuration



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	Power LED & keylock	JP14/pins 1 – 5
Serial port 1	CN2	Speaker	JP14/pins 7 – 10
Parallel port	CN3	Reset switch	JP14/pins 12 & 13
Floppy drive interface	CN4	IDE interface LED	JP14/pins 15 & 16
IDE interface 2	CN5	Turbo LED	JP14/pins 18 & 19
IDE interface 1	CN6	Green PC connector	JP14/pins 21 & 22
IR connector	IR1	32-bit PCI slots	PC1 – PC3
PS/2 mouse interface	JP1	USB connector	USB

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

DIMM CONFIGURATION	
Size	Bank 2
8MB	(1) 1M x 64
16MB	(1) 2M x 64
32MB	(1) 4M x 64
64MB	(1) 8M x 64
128MB	(1) 16M x 64

DIMM VOLTAGE CONFIGURATION	
Voltage	JP2
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	JP4	JP5	JP6	JP9	JP10
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2

200MHz	75MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (CX 6X86L)							
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP9	JP10
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (AM K5)							
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	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	JP4	JP5	JP6	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	1 & 2	2 & 3

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	JP4	JP5	JP6	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	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	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
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.							

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	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	1 & 2	2 & 3
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	JP7	JP12	JP13
Single voltage	Closed	Open	Open

Dual voltage	Open	Closed	Closed

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	JP8
3.3v	Pins 3 & 4 closed
3.52v	Pins 1 & 2 closed

CPU VOLTAGE SELECTION (DUAL)	
Voltage	JP11
2.8v	Pins 7 & 8 closed
2.9v	Pins 5 & 6 closed
3.3v	Pins 3 & 4 closed
3.52v	Pins 1 & 2 closed