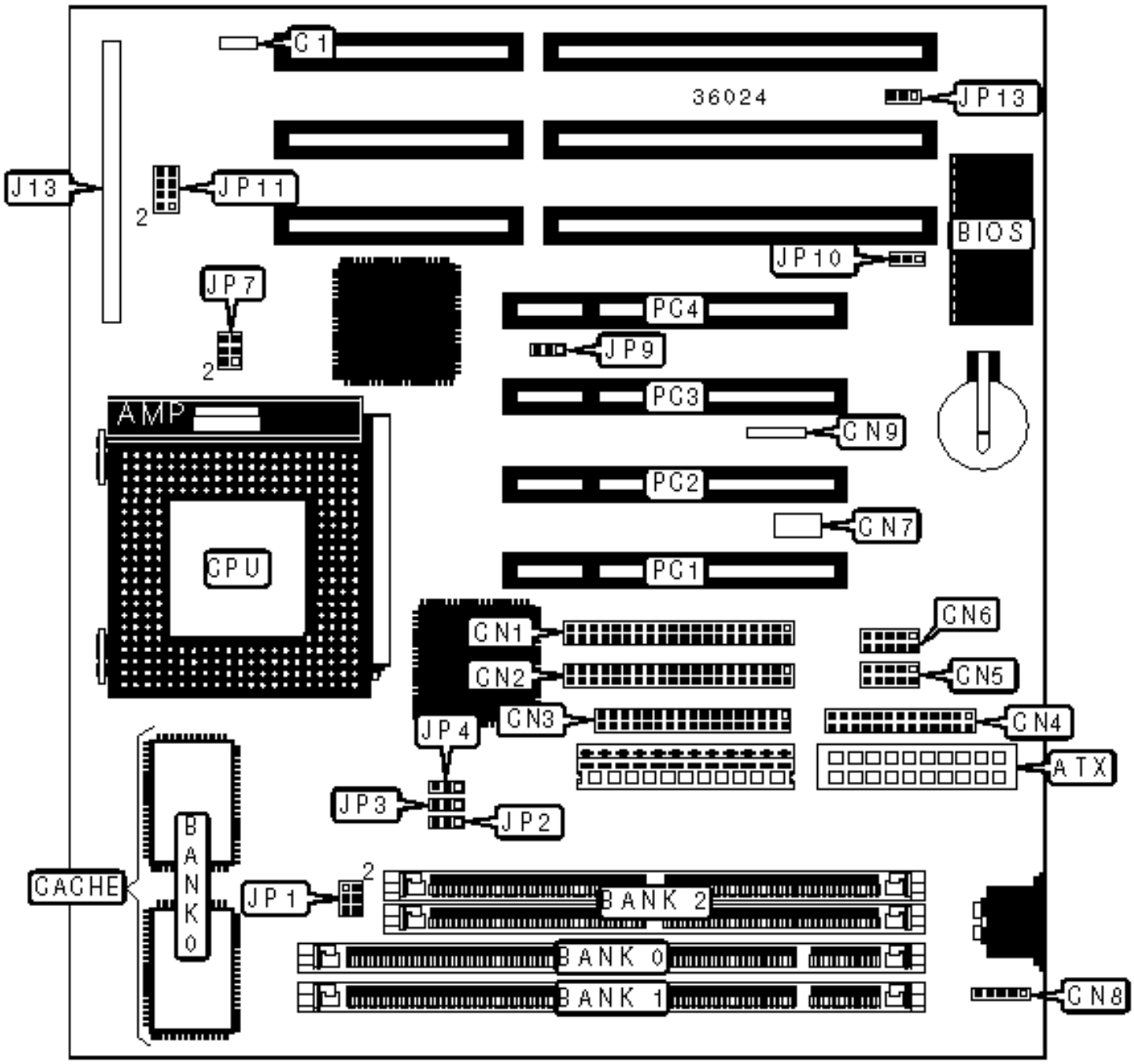
LUCKY STAR TECHNOLOGY CO., LTD.

5I-TX2A

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Serial port	CN6
Chassis fan power	C1	USB connector	CN7
IDE interface 1	CN1	PS/2 mouse interface	CN8
IDE interface 2	CN2	IR connector	CN9
Floppy drive interface	CN3	Front panel connector	J13
Parallel port	CN4	32-bit PCI slots	PC1 – PC4
Serial port	CN5		

USER CONFIGURABLE SETTINGS

	Function	Label	Position
	Power supply type select AT	JP9	Pins 2 & 3 closed
	Power supply type select ATX	JP9	Pins 1 & 2 closed
»	CMOS memory normal operation	JP10	Pins 1 & 2 closed
	CMOS memory clear	JP10	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 2
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

256MB	(2) 32M x 36
Note: Board accepts EDO memory.	

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
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

DIMM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
128MB	(1) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64

192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
Note: Board accepts EDO memory.		

DIMM VOLTAGE CONFIGURATION	
Voltage	JP1
3.3v	Pins 3 & 5, 4 & 6 closed
5v	Pins 1 & 3, 2 & 4 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	JP2	JP3	JP4	JP7
120MHz	50MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX 6X86L)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP7
133MHz	55MHz	2x	1 & 2	2 & 3	1 & 2	1 & 2

150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX 6X86MX)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP7
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	75MHz	2x	2 & 3	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K5)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP7
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3	Open
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open
133MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3	Open
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP7
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4

200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3	3 & 4
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	Open
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP7
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	2 & 3	Open
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	3 & 4
200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3	3 & 4
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL MMX)						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP7
166MHz	66MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4
200MHz	66MHz	3x	1 & 2	1 & 2	2 & 3	3 & 4
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	Open
Note: Pins designated should be in the closed position.						

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	JP11

3.3v	Pins 1 & 2, 5 & 6, 7 & 8 closed
3.52v	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed

CPU VOLTAGE SELECTION (DUAL)		
Voltage	V core	JP11
3.3v	2.8v	Pins 5 & 6 closed
3.3v	2.9v	Pins 3 & 4, 5 & 6 closed
3.3v	3.2v	Pins 3 & 4, 7 & 8 closed