LUCKY STAR TECHNOLOGY CO,. LTD.

6P2BX2

Device Type	Mainboard
Processor	Pentium II/Pentium III
Processor Speed	233/266/300/333/350/400/450/500MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	768MB (EDO & SDRAM supported)
Cache	256/512KB (located on the CPU)
BIOS	Award
Dimensions	305mm x 180mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, SB-Link connector, Wake-on-LAN connector
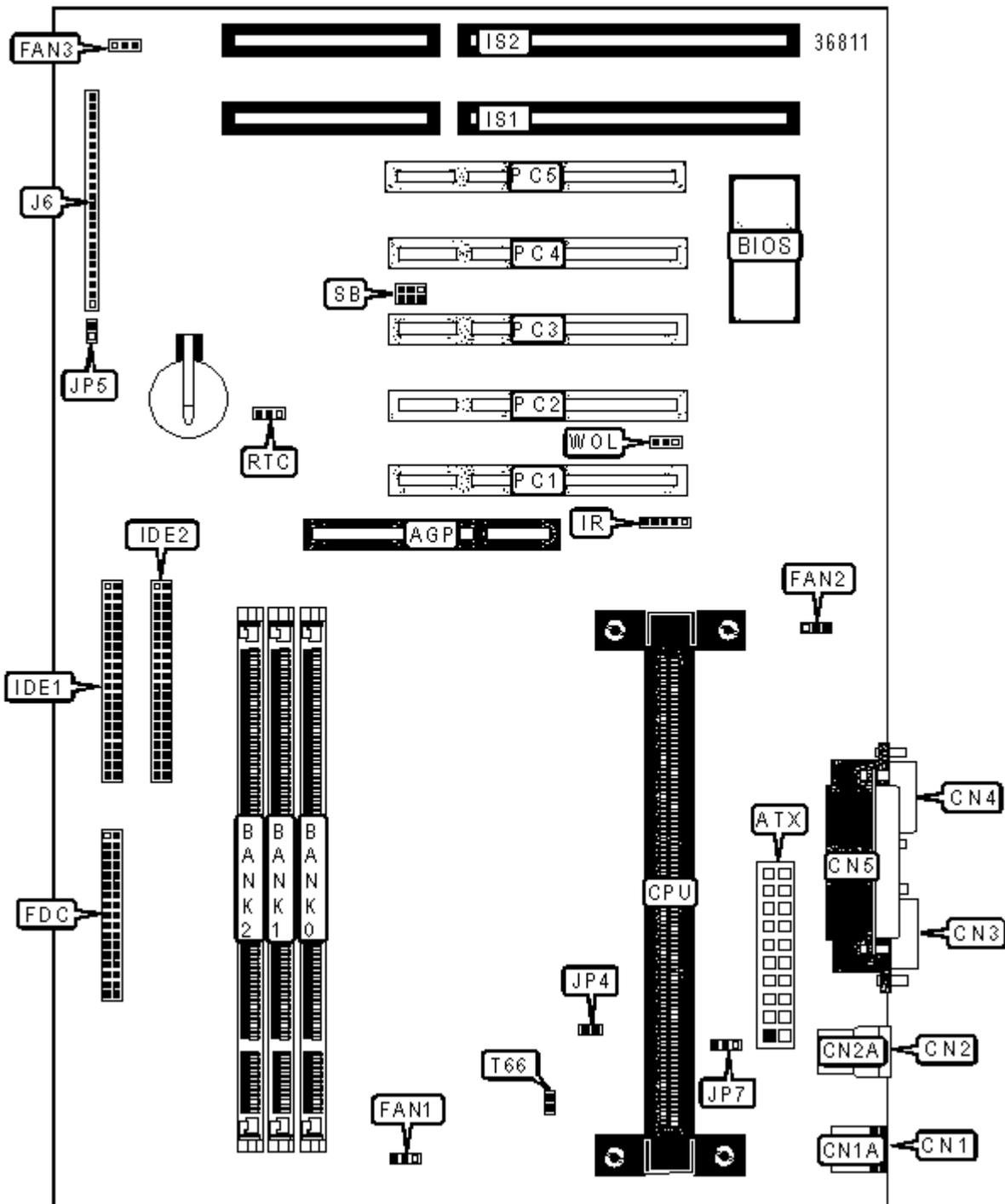
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
AGP slot	AGP	IR connector	IR
ATX power connector	ATX	16-bit ISA slots	IS1 - IS2
PS/2 keyboard port	CN1	Thermistor connector	JP4
PS/2 mouse port	CN1A	Soft off power supply	JP5
USB port 1	CN2	Power LED	JP6/Pins 1-3

USB port 2	CN2A	Keylock	JP6/Pins 4 & 5
Serial port 1	CN3	Speaker	JP6/Pins 7-10
Serial port 2	CN4	Reset switch	JP6/Pins 12 & 13
Parallel port	CN5	IDE interface LED	JP6/Pins 15 & 16
CPU fan power 1	FAN1	Turbo LED	JP6/Pins 18 & 19
CPU fan power 2	FAN2	Green PC connector	JP6/Pins 21 & 22
CPU fan power 3	FAN3	Unidentified	JP7
Floppy drive interface	FDC	32-bit PCI slots	PC1 - PC5
IDE interface 1	IDE1	SB-Link connector	SB
IDE interface 2	IDE2	Wake-on-LAN connector	WOL

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
» CMOS memory normal operation	RTC	Pins 1 & 2 closed
CMOS memory clear	RTC	Pins 2 & 3 closed
» Normal clock operation at 66MHz	T66	Closed
Over-clock clock operation at 100MHz	T66	Open

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

48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
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
288MB*	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
320MB*	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
384MB*	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
512MB*	(1) 32M x 64	(1) 32M x 64	None
512MB*	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
768MB*	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64

Note: Board supports EDO & SDRAM memory. Maximum SDRAM is 384MB. Maximum EDO is 768MB.
*Note: Memory configuration requires EDO memory.

CACHE CONFIGURATION

Note: 512KB is located on the Pentium III CPUs. 256KB/512KB cache is located on the Pentium II CPUs.