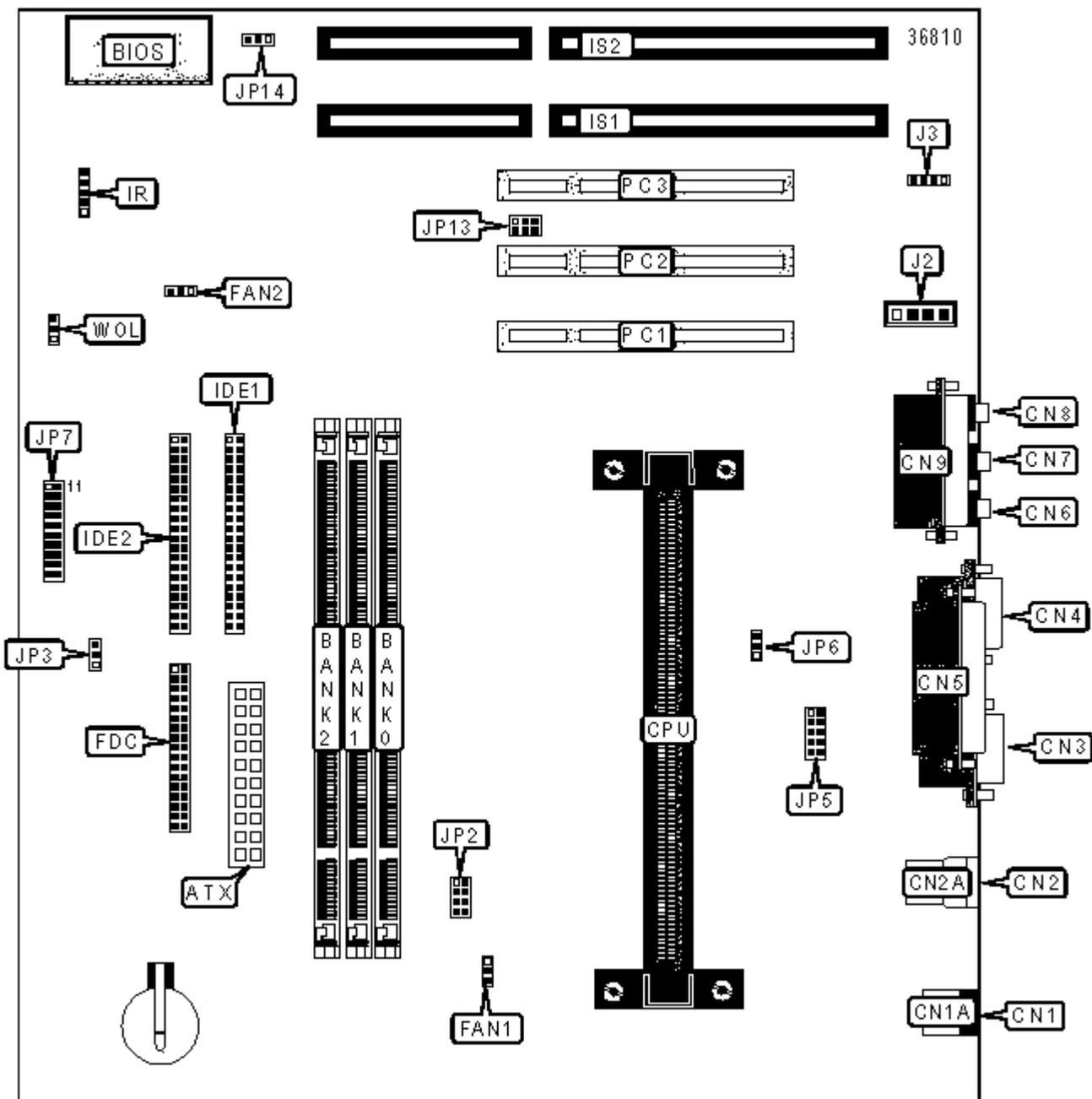


LUCKY STAR TECHNOLOGY CO., LTD

6MS620T

Device Type	Mainboard
Processor	Pentium II, Pentium III
Processor Speed	233/266/300/333/350/366/400/433/450/466/500/533/566/600MHz
Chip Set	SIS
Video Chip Set	SIS
Audio Chip Set	ESS
Maximum Onboard Memory	1536MB (SRAM supported)
Cache	256/512KB (located on the CPU)
BIOS	Award
Dimensions	245mm x 215mm
I/O Options	16-bit ISA slots (2), 32-bit PCI slots (3), floppy drive interface, game/MIDI port, IDE interfaces (2), PS/2 mouse port, serial port, serial interface, parallel port, VGA port, IR connector, USB ports (2), ATX power connector, line in, line out, microphone in, audio in - CD-ROM, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IR connector	IR
PS/2 keyboard port	CN1	16-bit ISA slots	IS1 - IS2
PS/2 mouse port	CN1A	Audio in - CD-ROM	J2
USB port 1	CN2	Audio in - CD-ROM	J3
USB port 2	CN2A	Unidentified	JP2
Serial port 1	CN3	Serial interface	JP5

VGA port	CN4	Speaker	JP7/Pins 1 - 4
Parallel port	CN5	Power LED	JP7/Pins 5 - 7
Line out	CN6	Keylock	JP7/Pins 8 - 10
Line in	CN7	IDE interface LED	JP7/Pins 11 & 12
Microphone in	CN8	ACPI LED	JP7/Pins 13 & 14
Game/MIDI port	CN9	Power switch	JP7/Pins 15 & 16
CPU fan power	FAN1	Reset switch	JP7/Pins 19 & 20
Fan power	FAN2	SB-Link connector	JP13
Floppy drive interface	FDC	32-bit PCI slots	PC1 - PC3
IDE interface 1	IDE1	Wake-on-LAN connector	WOL
IDE interface 2	IDE2		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP3	Pins 2 & 3 closed
	CMOS memory clear	JP3	Pins 1 & 2 closed
»	Normal clocking at 66MHz	JP6	Pins 2 & 3 closed
	Over-clocking at 100MHz	JP6	Pins 1 & 2 closed
	Flash ROM voltage select 12v	JP14	Pins 1 & 2 closed
	Flash ROM voltage select 5v	JP14	Pins 2 & 3 closed

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) 16M x 64	(1) 8M x 64	(1) 8M 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) 64M x 64	None	None

768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
784MB	(1) 64M x 64	(1) 1M x 64	(1) 1M x 64
812MB	(1) 64M x 64	(1) 2M x 64	(1) 2M x 64
832MB	(1) 64M x 64	(1) 4M x 64	(1) 4M x 64
896MB	(1) 64M x 64	(1) 16M x 64	(1) 16M x 64
1024MB	(1) 64M x 64	(1) 32M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64	None
1032MB	(1) 64M x 64	(1) 64M x 64	(1) 1M x 64
1040MB	(1) 64M x 64	(1) 64M x 64	(1) 2M x 64
1056MB	(1) 64M x 64	(1) 64M x 64	(1) 4M x 64
1088MB	(1) 64M x 64	(1) 64M x 64	(1) 8M x 64
1152MB	(1) 64M x 64	(1) 64M x 64	(1) 16M x 64
1280MB	(1) 64M x 64	(1) 64M x 64	(1) 32M x 64
1536MB	(1) 64M x 64	(1) 64M x 64	(1) 64M x 64
Note: Board supports SDRAM memory.			

CACHE CONFIGURATION

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