

Quick Installation

The mainboard has several user-adjustable jumpers on the board that allow you to configure your system to suit your requirements. This chapter contains information on the various jumper settings on your mainboard.

To set up your computer, you must complete the following steps:

- Step 1 - Set system jumpers/switches
- Step 2 - Install memory modules
- Step 3 - Install the Central Processing Unit (CPU)
- Step 4 - Install expansion cards
- Step 5 - Connect ribbon cables, cabinet wires, and power supply
- Step 6 - Set up BIOS software
- Step 7 - Install supporting software tools

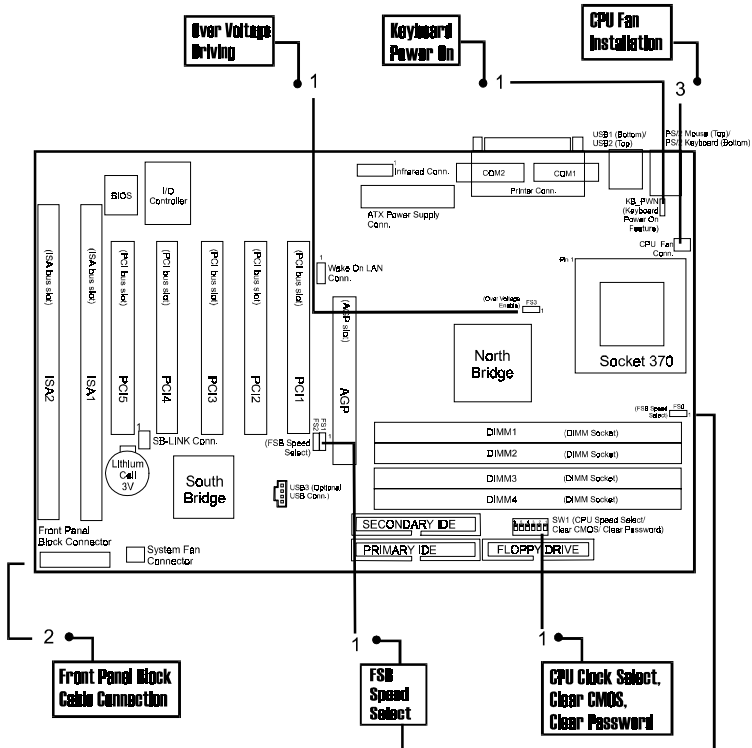


WARNING: Excessive torque may damage the mainboard. When using an electric screwdriver on the mainboard, make sure that the torque is set to the allowable range of 5.0 ~ 8.0kg/cm.

Mainboard components contain very delicate Integrated Circuit (IC) chips. To prevent static electricity from harming any of the mainboard's sensitive components, you should follow the following precautions whenever working on the computer:

1. Unplug the computer when working on the inside.
2. Hold components by the edges and try not to touch the IC chips, leads, or circuitry.
3. Wear an anti-static wrist strap which fits around the wrist.
4. Place components on a grounded anti-static pad or on the bag that came with the component whenever the components are separated from the system.

Mainboard Layout

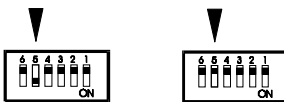


1). CPU Speed Select, Clear CMOS, Clear Password, Front Side Bus Speed Select, Over Voltage Driving, Keyboard Power On

CPU Speed (Hz)			SW1-1	SW1-2	SW1-3	SW1-4
133M	100M	66M				
466M	350M	233M	ON	OFF	ON	OFF
533M	400M	266M	ON	ON	OFF	ON
600M	450M	300M	ON	ON	OFF	OFF
667M	500M	333M	ON	OFF	OFF	ON
733M	550M	366M	ON	OFF	OFF	OFF
800M	600M	400M	OFF	ON	ON	ON
866M	650M	433M	OFF	ON	ON	OFF
933M	700M	466M	OFF	OFF	ON	ON
1G	750M	500M	OFF	OFF	ON	OFF
1066M	800M	533M	OFF	ON	OFF	ON

Note: For the ratio that higher than 8.0x, please use a ratio-locked CPU and also select Auto Detect on FSB Selection if you use an Intel CPU.

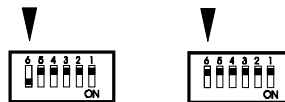
SW1-5 (Clear CMOS)



Enable
(Clear CMOS)

Disable
(Default)

SW1-6 (Clear Password)

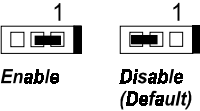


Enable
(Clear Password)

Disable
(Default)

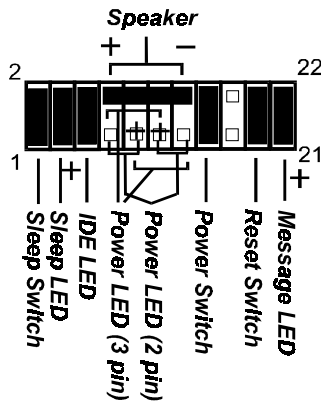
<i>CPU</i>	<i>Front Side Bus</i>	<i>FS0</i>	<i>FS1</i>	<i>FS2</i>
<i>Cyrix</i>	66	1-2	2-3	2-3
	100		2-3	1-2
	133		1-2	1-2
<i>Intel</i>	66	2-3	2-3	2-3
	100		2-3	open
	133		open	open
	Auto Detect		1-2	1-2

**FS3
(Over Voltage Driving)**

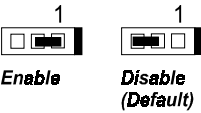


Caution:
Voltage and Frequency above CPU's and chipset's original specifications are NOT guaranteed to be stable.

2). Front Panel Block Cable Connection



**KB_PWN
(Keyboard Power On)**



3). CPU Fan Installation

This connector is linked to the CPU fan. When the system is in suspend mode, the CPU fan will turn off; when it reverts back to full on mode, the fan will turn back on. Without sufficient air circulation, the CPU may overheat resulting in damage to both the CPU and the mainboard.

Damage may occur to the mainboard and/or the CPU fan if these pins are used incorrectly. These are not jumpers, do not place jumper caps over these pins.