

## Quick Reference

The mainboard has several user-adjustable jumpers and/or switches on the board that allow you to configure your system to suit your requirements. This quick reference contains information on the various hardware settings on your mainboard.

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

- Step 1 - Set system switches/Jumpers
- Step 2 - Install system 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 - Set up supporting software tools

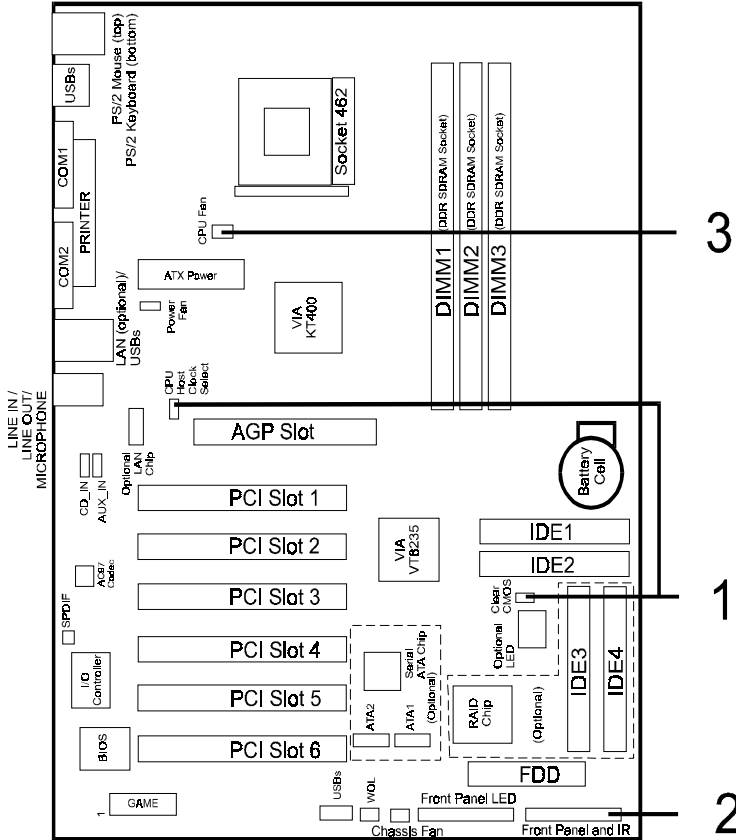
**WARNING:** Excessive torque may damage the mainboard. When using an electric screwdriver on the mainboard, make sure that the torque is set to the allowable range of 5.0 ~ 8.0kg/cm.



Mainboard components contain very delicate Integrated Circuit (IC) chips. To prevent static electricity from harming any of the 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.
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## Mainboard Layout



\* When link to Line\_Out jack, please use a speaker that with amplifier.

## 1). Clear CMOS, CPU Host Clock Select

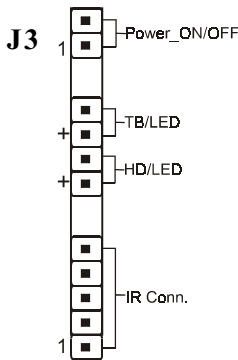


CMOS Clear  
 1-2: Normal (Default)  
 2-3: Clear CMOS



CPU Host Clock Select  
 1-2: BIOS Setting (Default)  
 2-3: 133MHz

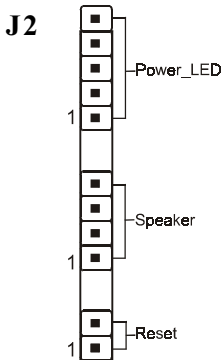
## 2). Front Panel Block Cable Connection



### ◆ Power On/Off

This is connected to the power button on the case. Using Soft-Off by Pwr-BTTN feature, you can choose either Instant Off (turns system off immediately), or 4 sec delay (push the button for 4 seconds before the system turns off). When the system is in 4 sec delay mode, suspend mode is enabled by pushing the button momentarily.

### ◆ Turbo LED indicator



### ◆ IDE LED indicator

LED on when onboard PCI IDE Hard disks are being accessed.

### ◆ IR Connector

- |          |         |
|----------|---------|
| 1. VCC   | 4. GND  |
| 2. CIRRX | 5. IRTX |
| 3. IRRX  |         |

◆ **Power LED**

Power LED connector

- |                 |        |
|-----------------|--------|
| 1. Power LED(+) | 4. NC  |
| 2. N/C          | 5. GND |
| 3. GND          |        |

◆ **Speaker**

Connect to the system's speaker for beeping

- |            |        |
|------------|--------|
| 1. Speaker | 3. GND |
| 2. N/C     | 4. VCC |

◆ **Reset**

Closed to restart system.

### 3). CPU Fan Installation

This connector is linked to the CPU fan. When the system is in some power saving 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.***