

## UPDATE OF THIS MANUAL

Due to different market requirement, the Jumper-Free design was removed from the mainboard. So you will have to use the Jumper setting to select the CPU clock frequency.

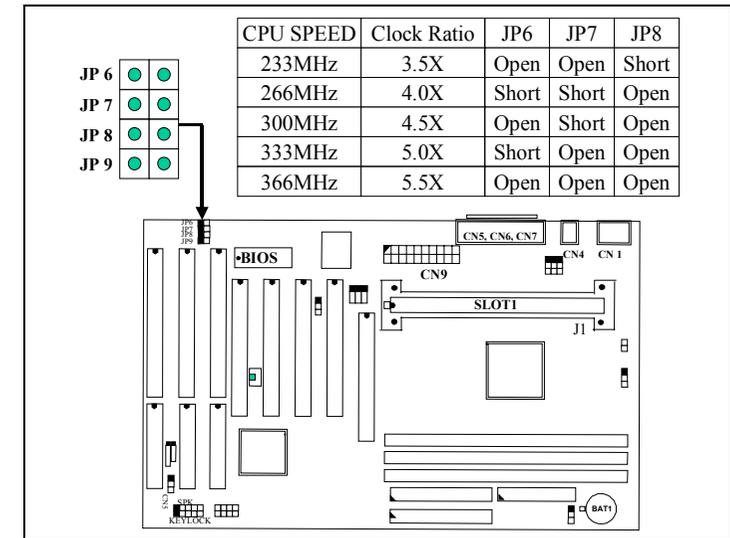
The CPU frequency will be defined by Front Side Bus (FSB) speed and CPU clock ratio. JP5, JP6 and JP7 on this mainboard are used to select the clock ratio for your Pentium™ II processor. As for FSB speed, it is decided automatically by what was shown in the BIOS SETUP utility. there is no jumper setting required when selecting the front side bus speed.

### SELECTION OF FSB CLOCK:

FSB can be detected or selected by this mainboard, When we install the processor onto the mainboard, the system BIOS will detect the type of the processor and decide the proper FSB clock automatically. When you execute the BIOS setup program, please select the “CHSIPSET FEATURES SETUP” and check on the “CPU Host Clock” selection option (what indicated in Section 4-6 is “CPU Speed”), You will probably see 66MHz on the screen and it is the FSB clock detected by the system BIOS.

### SELECTION OF CLOCK RATIO:

JP5, JP6 and JP7 on this mainboard are used to select the clock ratio as shown in the following picture:



To decide the clock ratio is a simple task. In order to let you have a clear picture, please refer to the following formula:

$$\text{FSB Clock} \times \text{Clock Ratio} = \text{CPU Frequency}$$

Modify the formula and then we get:

$$\text{Clock Ratio} = \text{CPU Frequency} \div \text{FSB Clock}$$

For example, if you are installing the Pentium II –266 CPU onto the mainboard, according to what we get from the BIOS setup program, the FSB clock is 66MHz, Introduce this value to the formula above and get.

$$\text{Clock Ratio} = 266\text{MHz} \div 66\text{MHz} = 4.0\text{X}$$

So we get the jumper setting of JP6, JP7 and JP8:

JP6	JP7	JP8
Short	Short	Open