Quick Jumper Setting Reference

If you are familiar with most of the material in this chapter, you can prepare the mainboard for installation by using this quick reference to set the jumpers. A detailed description of the jumper settings appears later in this chapter.

JP1: Clear BIOS jumper

Use this jumper to clear the system BIOS.

Function	Jumper Setting
Normal operation	Short pins 1-2
Clear BIOS	Short pins 2-3



JP2: BIOS flash protect jumper

Use this jumper to protect the system BIOS from being accidentally flashed (updated).

Function	Jumper Setting
Protect	Short
Unprotect	Open



JP3: Keyboard power on jumper

Use this jumper to enable the keyboard to power on the computer.

Function	Jumper Setting
Enable	Short pins 1-2
Disable	Short pins 2-3



JP4: CPU frequency select jumper

Use this jumper to force a CPU that has a 66 MHz frontside bus (FSB) to run at a 100 MHz FSB speed.

Function	Jumper Setting	
Auto	Short pins 1-2	
Force a 66 MHz FSB to run at 100 MHz FSB	Short pins 2-3	1



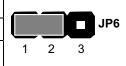
Note: The CPU speed is determined by the CPU Host/PCI Clock speed multiplied by the CPU Clock Ratio. Refer to the Frequency Control Option in Chapter 3 for more information.

Forcing the CPU to run at a higher clock speed then it was rated for is called overclocking and is not recommended.

JP6: CPU frequency select jumper

Use this jumper to force a CPU that has a 100 MHz frontside bus (FSB) to run at a 133 MHz FSB speed.

Function	Jumper Setting
Auto	Short pins 1-2
Force a 100 MHz FSB to run at 133 MHz FSB	Short pins 2-3



Note: The CPU speed is determined by the CPU Host/PCI Clock speed multiplied by the CPU Clock Ratio. Refer to the Frequency Control Option in Chapter 3 for more information.

Forcing the CPU to run at a higher clock speed then it was rated for is called overclocking and is not recommended.

Panel 1: Panel connectors for switches and indicators

Use the panel connector to implement the switches and indicators on your system case.

Function	Pins	PANEL1
Power switch	22, 23	23
Hard disk LED Indicator	+20, -21	Power Switch 22-23
Empty pin	19	HDD LED 20-21
Speaker	+15, -16, 17, 18	
Empty pin	14	
Reset switch	12, -13	Speaker 15-16-17-18
Keyboard lock	10, -11	
Green LED indicator	+7, +8, -9	Reset Switch 12-13
Empty pin	6	W11-10-11
Sleep switch	4, -5	KeyLock 10-11
Power LED indicator	+1, +2, -3	Green LED 7-8-9
		PA
		Sleep Switch 4-5
		Power LED 1-2-3
		1

Note: The plus sign (+) indicates a pin which must be connected to a positive voltage.