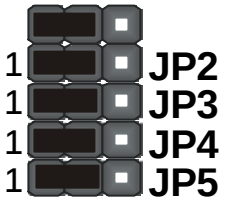
Setting Jumpers

Jumper Settings

Jumper	Type	Description	Setting (*default*)
JP1	3 pin	Clear CMOS jumper	*1-2: Normal* 2-3: Clear CMOS 
JP2 JP3 JP4 JP5 JP6	3 pin	CPU core voltage select jumper	 Refer to the table on page **錯誤! 尚未定義書籤。** for pin information.
JP8	3 pin	CPU frequency select jumper	*1-2: Normal operation* 2-3: Force a 66 MHz FSB to run at 100 MHz FSB 
JP9	3 pin	CPU frequency jumper	*1-2: Normal operation* 2-3: Force a 100 MHz FSB to run at 133 *MHz FSB* 
JP10	3 pin	BIOS flash protection jumper	*1-2: Disable* 2-3: Enable 
JP12	3 pin	AC resume jumper	1-2: Enable *2-3: Disable* 

JP1: Clear CMOS Jumper

This jumper enables you to reset BIOS:

1. Turn the system off.
2. Short pins 2 and 3 on jumper 1.
3. Return the jumper to the normal setting.
4. Turn the system on. The BIOS is returned to the default settings.

JP2-JP6: CPU Frequency Selection

Refer to the table on page 3.

JP8: CPU Frequency Select Jumper 1

This jumper is used to force the CPU clock to run at a higher frequency than it is rated. It is recommend that you leave the jumper on the normal setting. See table above for more information

JP9: CPU Frequency Select Jumper 2

This jumper is used to force the CPU clock to run at a higher frequency than it is rated. It is recommend that you leave the jumper on the normal setting. See table above for more information.

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.

JP10: BIOS Flash Protect Jumper

This jumper is used to protect the BIOS from being unintentionally flashed. Enable this jumper for protection and disable this jumper when you want to flash the BIOS.

JP12: AC Resume Jumper

Use this jumper to set the power state after an unexpected shutdown due to AC power interruption.

Jumper 2 – 6 pin settings

Volt.	Pin Settings				
	JP6	JP5	JP4	JP3	JP2
Auto*	1-2	1-2	1-2	1-2	1-2
1.050V	2-3	2-3	Open	2-3	2-3
1.075V	2-3	2-3	Open	2-3	Open
1.100V	Open	Open	2-3	2-3	2-3
1.125V	Open	Open	2-3	2-3	Open
1.150V	2-3	Open	2-3	2-3	2-3
1.175V	2-3	Open	2-3	2-3	Open
1.200V	Open	2-3	2-3	2-3	2-3
1.225V	Open	2-3	2-3	2-3	Open
1.250V	2-3	2-3	2-3	2-3	2-3
1.275V	2-3	2-3	2-3	2-3	Open
1.300V	Open	Open	Open	Open	2-3
1.325V	Open	Open	Open	Open	Open
1.350V	2-3	Open	Open	Open	2-3
1.375V	2-3	Open	Open	Open	Open
1.400V	Open	2-3	Open	Open	2-3
1.425V	Open	2-3	Open	Open	Open
1.450V	2-3	2-3	Open	Open	2-3
1.475V	2-3	2-3	Open	Open	Open
1.500V	Open	Open	2-3	Open	2-3
1.525V	Open	Open	2-3	Open	Open
1.550V	2-3	Open	2-3	Open	2-3
1.575V	2-3	Open	2-3	Open	Open
1.600V	Open	2-3	2-3	Open	2-3
1.625V	Open	2-3	2-3	Open	Open
1.650V	2-3	2-3	2-3	Open	2-3
1.675V	2-3	2-3	2-3	Open	Open
1.700V	Open	Open	Open	2-3	2-3
1.725V	Open	Open	Open	2-3	Open
1.750V	2-3	Open	Open	2-3	2-3
1.775V	2-3	Open	Open	2-3	Open
1.800V	Open	2-3	Open	2-3	2-3
1.825V	Open	2-3	Open	2-3	Open

*Auto: When all 1-2 pins are shorted, the core voltage will automatically be determined.

Note: These values are for reference only. It is not recommended to change the settings for jumper 2 ~ 6. Please notice that the CPU will burn out if the core voltage is higher than the default value.