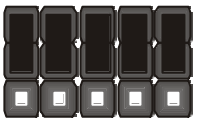
Setting Jumpers

Jumper Settings

Jumper	Type	Description	Setting (*default*)
JP1	3 pin	Clear CMOS	*1-2: Normal* 2-3: Clear **JP1** 1
JP2	2 pin	BIOS flash protection	*Open: Unlock* Short: Lock **JP2**
JP3	3 pin	KB power on	*Open: Unlock* Short: Lock **JP3** 1
JP8 JP9 JP10 JP11 JP12	3 pin	CPU core voltage select	**VID25mv (JP12)** **VID0 (JP8)** 1  Refer to the table on page 3 for pin information.

Jumper 1 – This jumper enables you to clear the 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.

Jumper 2 – This jumper enables you to prevent the BIOS from being updated (flashed). Set the jumper to unlock to update your BIOS. After updating the BIOS, change it to the locked setting. For instructions on updating the BIOS refer to Chapter 3.

Jumper 3 – This jumper allows the system to be awaken from power saving mode upon any keyboard activity.

Jumper 8 ~ Jumper 12 –Use these 3 x 5 pin jumpers to manually set the CPU core voltage.

Refer to the table on the next page for pin information.

Jumper 8 – 12 pin settings

Volt.	Pin Settings				
	VID0	VID1	VID2	VID3	VID25mv
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 8 ~ 12. Please notice that the CPU will burn out if the core voltage is higher than the default value.