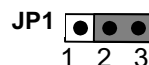


## Appendix 1: Quick Jumper Setting Reference

### **JP1: Clear CMOS memory jumper**

Use this 3-pin jumper to clear all the current data stored in the CMOS memory.

Function	Jumper Cap
Clear CMOS	Short pins 1-2
Normal operation	Short pins 2-3

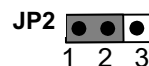


**Note:** If you need to Flash a new BIOS after Clearing the CMOS memory, make sure to reboot the system first. The same rule applies to Clearing the BIOS memory after you have just Flashed it: always make sure to reboot the system before proceeding with the next step.

### **JP2: Keyboard power on jumper**

Use this 3-pin jumper to enable keyboard power on with hot keys or password.

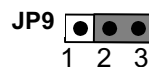
Function	Jumper Cap
Enable keyboard power on	Short pins 1-2
Disable keyboard power on	Short pins 2-3



### **JP9: Flash BIOS jumper**

Use this 3-pin jumper to allow the BIOS CMOS memory to be flashed, i.e. a new BIOS version to be written to the CMOS chip onboard.

Function	Jumper Cap
Enable Flash BIOS	Short pins 1-2
Normal operation	Short pins 2-3



**Note:** JP3, JP4, JP5 and JP8 are featured on the board but are currently not supported.

### **PANEL1: Panel connectors for switches and indicators**

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

Function	Pins
Speaker	+1, 3, 5, 7
Power Indicator	+2, +4, 6
Keylock	8, 10
Green Indicator	13, 14
Hard Disk Indicator	+15, 16
Reset Switch	17, 18
Suspend Switch	19, 20
Power Switch	21, 22

