

Installation Procedures

The VL-601 has several user-adjustable jumpers on the board that allow you to configure your system to suit your requirements. This chapter contains information on the various jumper settings on your mainboard.

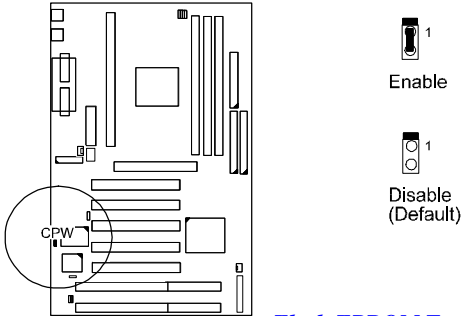
To set up your computer, you should follow these installation steps:

- [Step 1 - Set system jumpers](#)
- [Step 2 - Install System RAM modules](#)
- [Step 3 - Install the CPU](#)
- [Step 4 - Install expansion cards](#)
- [Step 5 - Connect cables and power supply](#)
- [Step 6 - Set up BIOS feature](#)

CAUTION : If you use an electric drill to install this mainboard on your chassis, please wear a static wrist strap. The recommended electric drill torque is from 5.0 to 8.0 kg/cm to avoid damaging the chips' pins.

Clear Password: CPW

This jumper allows you to set the password configuration to **Enabled** or **Disabled**. You may need to enable this jumper if you forget your password.



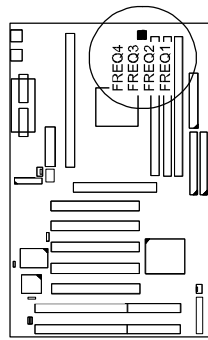
Flash EPROM Type Selection: EP1, EP2

These two jumpers allow you to configure the Flash EPROM chip

	1MB	EP1	EP2
	Intel 28F001 / MXIC MX28F1000		
	SST 29EE010 / ATMEL AT29C010A		
	2MB	EP1	EP2
	AMD AM29F002T		
	SST 29EE020		
	ATMEL AT29C020		
	MXIC MX28F2000P		

CPU to Bus Frequency Ratio: *FREQ1*, *FREQ2*, *FREQ3*, *FREQ4*

These four jumpers are used in combination to decide the ratio of the internal frequency of the CPU to the bus clock.



<i>Ratio</i>	<i>FREQ4</i>	<i>FREQ3</i>	<i>FREQ2</i>	<i>FREQ1</i>
3.5 X				
4 X				
4.5 X				
5 X				
5.5 X				
6 X				

Intel Pentium II CPUs

Frequency

<i>CPU Speed</i>	<i>Bus Clock</i>	<i>Ratio</i>	<i>FREQ4</i>	<i>FREQ3</i>	<i>FREQ2</i>	<i>FREQ1</i>
333 MHz	66 MHz	5 x				
300 MHz	66 MHz	4.5 x				
266 MHz	66 MHz	4 x				
233 MHz	66 MHz	3.5 x				

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