

Lion 3+ VL IDE I/O

Feature:

- ◆ Interface to VL(VESA) bus rev 1.0 up to 50 MHz
- ◆ ANSI ATA Rev 3.1 compatible
- ◆ IDE Mode 3 IDE Harddisk drive support
- ◆ True 32 bit transfer with special conversion logic
- ◆ Automatic speed adjust for best performance with driver
- ◆ Jumper setting for speed control with internal default pullup register
- ◆ Independent timing control of Primary/Secondary, Master/Slave thru SW
- ◆ Pre-fetch and Post write for concurrent Read/Write operation
- ◆ Support up to 4 IDE drives (with driver for 3rd and 4th IDE)

Jumper setting:

VL-bus IDE Speed setting

Speed	JP6(SPSEL2)	JP5(SPSEL1)	JP4(SPSEL0)	R/W cycle(clock)
Slowest	Close	Close	Close	36
	Close	Close	Open	32
	Close	Open	Close	27
Default	Close	Open	Open	23
	Open	Close	Close	18
	Open	Close	Open	14
	Open	Open	Close	9
Fastest	Open	Open	Open	5

VL-IDE setting.

	Function	Open	Close
JP3	Reserve	Default (*)	
JP7(wpsel)	Write Protection.	Enable	Disable(*)

Mult-IO(Prime 2C) setting.

	Function	1-2	2-3
JP20	COM2/4	Enable(*)	Disable
JP21	Floppy Disk Controller Port Address	Primary(*)	Secondary
JP22	Floppy Disk Controller Port	Enable(*)	Disable
JP23	COM1/3	Enable(*)	Disable
JP24	COM1/3 Port Selected	COM1(*)	COM3
JP25	Game Port	Enable(*)	Disable
JP26	COM2/4 Port Selected	COM2(*)	COM4
JP27	Parallel Port	Enable(*)	Disable
JP28	Printer Port Selected	LPT1(*)	LPT2

* - Default setting.

Software Installation:

A User-friendly program(install.exe) will be shipped with card. It can help you to install the driver

Layout: