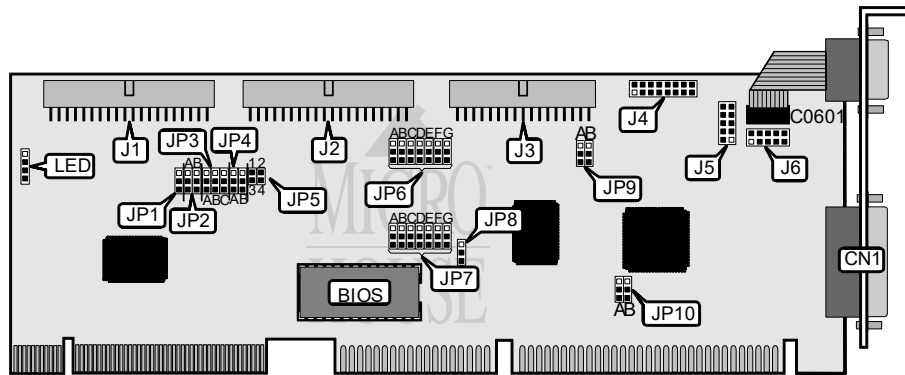


# PROMISE TECHNOLOGY, INC. EIDE 2300 PLUS

Data bus: 32-bit VESA  
 Size: Full-length, half-height card  
 Hard drive supported: Two IDE (AT) Interface drives  
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB, or 2.88MB drives



CONNECTIONS	
Function	Location
25-pin connector - parallel port	CN1
4-pin connector - drive activity LED	LED
40-pin connector - VL/IDE drive interface	J1
40-pin connector - ISA/IDE drive interface	J2
34-pin connector - Floppy drive interface	J3
16-pin connector - Game port	J4
10-pin connector - Serial port 2	J5
10-pin connector - Serial port 1	J6

DISK DATA TRANSFER RATES - JP4		
Speed	Jumper A	Jumper B
2	pins 2 & 3 closed	pins 1 & 2 closed
0	pins 1 & 2 closed	pins 1 & 2 closed
4	pins 2 & 3 closed	pins 1 & 2 closed
6	pins 2 & 3 closed	pins 2 & 3 closed

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VL-BUS IDE ADDRESS SETTING - JP2		
Address	Jumper A	Jumper B
í Primary	pins 1 & 2 closed	pins 1 & 2 closed
Secondary	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

ISA-BUS IDE ADDRESS SETTING - JP7		
Address	Jumper C	Jumper D
í Secondary	pins 1 & 2 closed	pins 1 & 2 closed
Primary	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

IDE IRQ SETTING		
VL-Bus IDE port	ISA-Bus IDE port	JP5
í VL-IRQ14	ISA-IRQ15	pins 1 & 3, 2 & 4 closed
VL-IRQ15	ISA-IRQ14	pins 1 & 2, 3 & 4 closed

EXTERNAL BIOS ROM ADDRESS - JP3			
Address	Jumper A	Jumper B	Jumper C
í DC000h	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
CC000h	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
C8000h	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
D0000h	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
D4000h	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
D8000h	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
Reserved	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

SERIAL PORT 1 ADDRESS - JP6		
Address	Jumper A	Jumper B
í 3F8h	pins 1 & 2 closed	pins 1 & 2 closed
2F8h	pins 1 & 2 closed	pins 2 & 3 closed
3E8h	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 ADDRESS - JP6		
Address	Jumper C	Jumper D
í 2F8h	pins 1 & 2 closed	pins 1 & 2 closed
3F8h	pins 1 & 2 closed	pins 2 & 3 closed
2E8h	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

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PARALLEL PORT ADDRESS - JP6			
Address	Jumper E	Jumper F	Jumper G
í 278h, IRQ7	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
278h, IRQ5	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
378h, IRQ5	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
378h, IRQ7	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed	Open
Reserved	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
Reserved	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

PARALLEL PORT MODE - JP7		
Mode	Jumper A	Jumper B
í ECP mode	pins 1 & 2 closed	pins 1 & 2 closed
EPP mode	pins 2 & 3 closed	pins 1 & 2 closed
Output only	pins 2 & 3 closed	pins 2 & 3 closed
Reserved	pins 1 & 2 closed	pins 2 & 3 closed

FLOPPY DRIVE ADDRESS - JP7		
Address	Jumper E	Jumper F
í Primary	pins 1 & 2 closed	pins 1 & 2 closed
Secondary	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í IDE drive greater than 528 MB enabled	JP1	pins 2 & 3 closed
IDE drive less than 528 MB enabled	JP1	pins 1 & 2 closed
í Game port enabled	JP7/jumper G	pins 1 & 2 closed
Game port disabled	JP7/jumper G	pins 2 & 3 closed
í ECP mode enabled	JP8	pins 1 & 2 closed
ECP mode disabled	JP8	pins 2 & 3 closed
í Factory configured - do not alter	JP9/jumpers A & B	pins 1 & 2 closed
í ECP mode DMA 1 enabled	JP10/jumpers A & B	pins 1 & 2 closed
ECP mode DMA 3 enabled	JP10/jumpers A & B	pins 2 & 3 closed