PROMISE TECHNOLOGY, INC.
EIDE2300 PLUS (VER. 3)

Card Type	Hard drive controller card/Multi I/O card
I/O options	Serial ports (2), parallel port, game port
Hard Drives supported	Two IDE drives, Two EIDE drives
Floppy drives supported	Two 1.2MB, 1.44MB, or 2.88MB drives
Data Bus	32-bit VESA Local Bus
Card Size	Full-length, half-height card
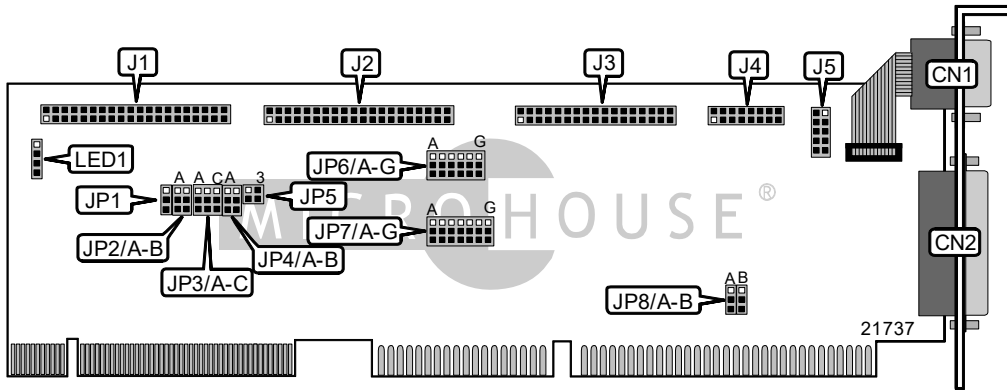
CONNECTIONS			
Function	Location	Function	Location
9-pin serial port 1 - external	CN1	34-pin cable connector - floppy drive	J3
25-pin parallel port - external	CN2	16-pin game port	J4
40-pin primary EIDE(AT) connector	J1	10-pin serial port 2 - internal	J5
40-pin secondary IDE(AT) connector	J2	4-pin connector - drive active LED	LED1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í LBA enabled	JP1	Pins 2 & 3 closed
LBA disabled	JP1	Pins 1 & 2 closed
í Factory configured - do not alter	JP5	Pins 1 & 2, 3 & 4 closed
í Parallel port address 278h	JP6/E	Pins 1 & 2 closed
Parallel port address 378h	JP6/E	Pins 2 & 3 closed
í Game port enabled	JP7/G	Pins 1 & 2 closed
Game port disabled	JP7/G	Pins 2 & 3 closed

IDE ENABLE SELECTION		
Setting	JP2/A	JP2/B
í Enable	Pins 1 & 2 closed	Pins 1 & 2 closed
Disable	Pins 2 & 3 closed	Pins 1 & 2 closed

IDE PRIMARY/SECONDARY SELECTION		
Setting	JP7/C	JP7/D
Primary	Pins 1 & 2 closed	Pins 1 & 2 closed
Secondary	Pins 2 & 3 closed	Pins 2 & 3 closed

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FLOPPY ENABLE SELECTION		
Setting	JP7/E	JP7/F
Enabled	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed

IDE SPEED SELECTION		
SPEED	JP4/A	JP4/B
0	Pins 2 & 3 closed	Pins 2 & 3 closed
2	Pins 2 & 3 closed	Pins 1 & 2 closed
3	Pins 1 & 2 closed	Pins 1 & 2 closed
4	Pins 1 & 2 closed	Pins 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP6/A	JP6/B
COM1 (3F8h)	Pins 1 & 2 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	JP6/C	JP6/D
COM2 (2F8h)	Pins 1 & 2 closed	Pins 1 & 2 closed
COM4 (2E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed

BIOS ADDRESS SELECTION			
Address	JP3/A	JP3/B	JP3/C
CC000h	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
C8000h	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
D0000h	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
D4000h	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
D8000h	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
DC000h	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT INTERRUPT SELECTION	
IRQ	JP6/F
5	Pins 2 & 3 closed
7	Pins 1 & 2 closed
Disabled	Open

PARALLEL PORT DMA SELECTION		
DMA	JP8/A	JP8/B
1	Pins 2 & 3 closed	Pins 2 & 3 closed
3	Pins 1 & 2 closed	Pins 1 & 2 closed

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PARALLEL PORT MODE SELECTION		
Setting	JP7/A	JP7/B
ECP	Pins 1 & 2 closed	Pins 1 & 2 closed
EPP	Pins 2 & 3 closed	Pins 2 & 3 closed
Unidirectional	Pins 2 & 3 closed	Pins 1 & 2 closed