EVEREX SYSTEMS, INC.
VITEX SUPER I/O CARD (EV-371)

Card Type	Hard drive controller card
Hard drives supported	Two IDE(AT) interface drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, 1.44MB drives
Data-bus	16-bit ISA
Size	Half-length, half-height card
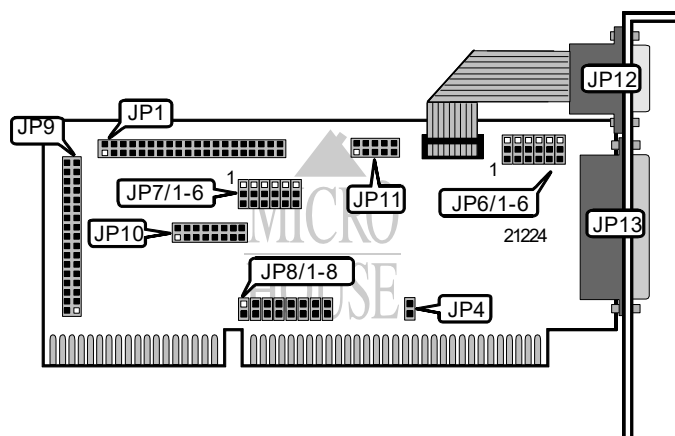
CONNECTIONS			
Function	Label	Function	Label
40-pin IDE(AT) interface connector	JP1	10-pin serial port 2 - internal	JP11
34-pin control cable connector - floppy drive	JP9	9-pin serial port 1 - external	JP12
16-pin game port - internal	JP10	25-pin parallel port - external	JP13

USER CONFIGURABLE CONNECTIONS		
Function	Location	Setting
ſ Printer is unidirectional	JP4	Closed
Printer is bi-directional	JP4	Open
ſ Hard drive I/O address is 376-377h, 170-177h	JP7/1	Pins 1 & 2 closed
Hard drive I/O address is 3F6-3F7h, 1F0-1F7h	JP7/1	Pins 2 & 3 closed
ſ Floppy drive order is normal (A:, B)	JP7/2	Pins 2 & 3 closed
Floppy drive order is reversed (B:, A)	JP7/2	Pins 1 & 2 closed
ſ Floppy drive I/O address is 3F0-3F7h	JP7/3	Pins 1 & 2 closed
Floppy drive I/O address is 370-377h	JP7/3	Pins 2 & 3 closed
ſ Hard drive interface enabled	JP7/4	Pins 2 & 3 closed
Hard drive interface disabled	JP7/4	Pins 1 & 2 closed
ſ Floppy drive interface enabled	JP7/5	Pins 2 & 3 closed
Floppy drive interface disabled	JP7/5	Pins 1 & 2 closed
ſ IDE(AT) interface enabled	JP7/6	Pins 2 & 3 closed
IDE(XT) interface enabled	JP7/6	Pins 1 & 2 closed

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SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP6/1	JP6/2
¡ COM1 (3F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	JP6/3	JP6/4
COM2 (2F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

PARALLEL PORT ADDRESS SELECTION		
Setting	JP6/5	JP6/6
LPT1 (378h)	Pins 2 & 3 closed	Pins 2 & 3 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	JP8/1	JP8/2	JP8/3
IRQ3	Open	Closed	Open
¡ IRQ4	Closed	Open	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	JP8/4	JP8/5	JP8/6
¡ IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	JP8/7	JP8/8
IRQ5	Open	Closed
¡ IRQ7	Closed	Open