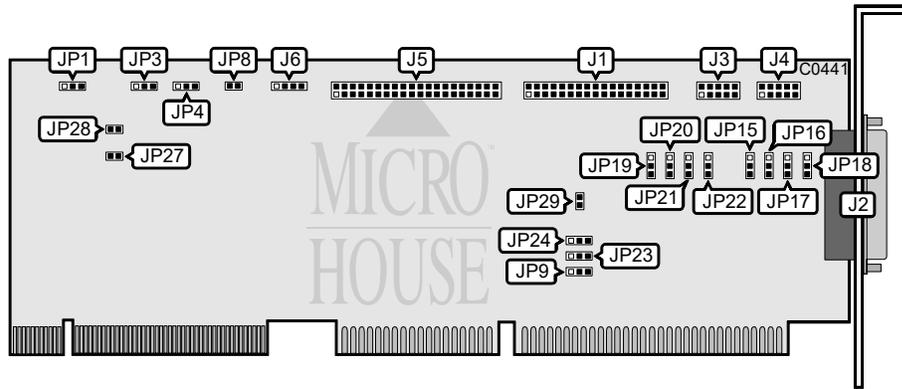


EVEREX SYSTEMS, INC. IDE-2V

Q1/94

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



CONNECTIONS	
Function	Location
34-pin control cable connector-floppy drive	J1
25-pin parallel port (LPT1/2) - external	J2
10-pin serial port 2 (COM2/4) - internal	J3
10-pin serial port 1 (COM1/3) - internal	J4
40-pin AT Interface (IDE) connector	J5
4-pin connector-Drive active LED	J6

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
i IDE normal mode enabled	JP1	pins 1 & 2 closed
	JP1	pins 2 & 3 closed
i IDE turbo mode enabled	JP8	open
	JP21	pins 2 & 3 closed
i Hard drive enabled	JP8	open
	JP21	pins 2 & 3 closed
Hard drive disabled	JP8	closed
	JP21	pins 1 & 2 closed
i Parallel Port (J2) uses IRQ7	JP9	pins 1 & 2 closed
	JP9	pins 2 & 3 closed
i Parallel Port (J2) uses IRQ5	JP9	pins 1 & 2 closed
	JP9	pins 2 & 3 closed
i Floppy drive enabled	JP22	pins 2 & 3 closed
	JP22	pins 1 & 2 closed
i Floppy drive disabled	JP22	pins 1 & 2 closed
	JP22	pins 2 & 3 closed
i Serial Port 1 (J4) uses IRQ4	JP23	pins 1 & 2 closed
	JP23	pins 2 & 3 closed
i Serial Port 1 (J4) uses IRQ3	JP23	pins 1 & 2 closed
	JP23	pins 2 & 3 closed
i Serial Port 2 (J3) uses IRQ3	JP24	pins 1 & 2 closed
	JP24	pins 2 & 3 closed
i Serial Port 2 (J3) uses IRQ4	JP24	pins 1 & 2 closed
	JP24	pins 2 & 3 closed

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IDE-2V

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IDE RECOVERY TIME		
Time	Jumper JP3	Jumper JP4
120ns	pins 1 & 2 closed	pins 1 & 2 closed
180ns	pins 2 & 3 closed	pins 1 & 2 closed
240ns	pins 1 & 2 closed	pins 2 & 3 closed
í 300ns	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 (J4) CONFIGURATION		
Address	Jumper JP15	Jumper JP16
í 3F8h	pins 2 & 3 closed	pins 2 & 3 closed
2F8h	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 2 (J3) CONFIGURATION		
Address	Jumper JP17	Jumper JP18
í 2F8h	pins 2 & 3 closed	pins 2 & 3 closed
3F8h	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT (J2) CONFIGURATION		
Address	Jumper JP19	Jumper JP20
í 278h	pins 2 & 3 closed	pins 2 & 3 closed
378h	pins 1 & 2 closed	pins 2 & 3 closed
3BCh	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

IRQ14 CONFIGURATION		
Function	Jumper JP27	Jumper JP28
í IRQ14 connected directly to bus	open	closed
IRQ14 buffered mode enabled	closed	open

MISCELLANEOUS TECHNICAL NOTES
Jumper JP29 is factory configured - do not alter.