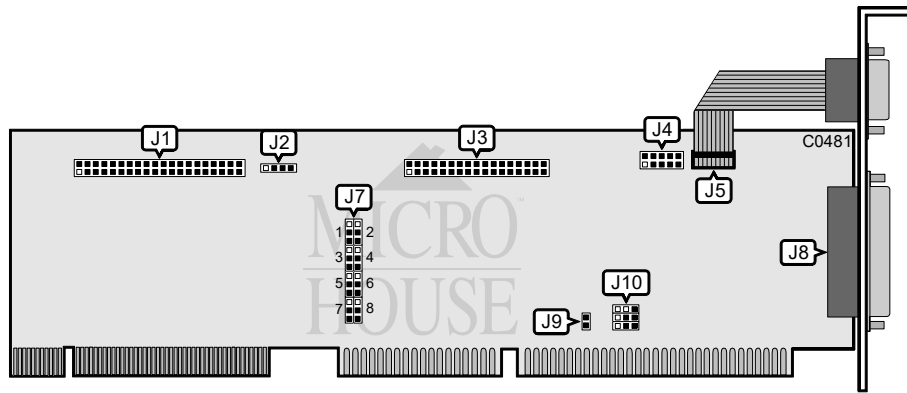# BOCA RESEARCH, INC.
IDE PLUS VL

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
40-pin IDE(AT) Interface connector	J1
4-pin connector - Drive active LED	J2
34-pin control cable connector - floppy drive	J3
10-pin serial port (COM2/4) - internal	J4
10-pin serial port (COM1/3) - external	J5
25-pin parallel port (LPT1/2) - external	J8

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Serial Port 1 (J5) enabled	J7/jumper 1	pins 1 & 2 closed
Serial Port 1 (J5) disabled	J7/jumper 1	pins 2 & 3 closed
í Serial Port 2 (J4) enabled	J7/jumper 2	pins 1 & 2 closed
Serial Port 2 (J4) disabled	J7/jumper 2	pins 2 & 3 closed
í Serial Port 1 (J5) is set to COM1	J7/jumper 3	pins 1 & 2 closed
Serial Port 1 (J5) is set to COM3	J7/jumper 3	pins 2 & 3 closed
í Serial Port 2 (J4) is set to COM2	J7/jumper 4	pins 1 & 2 closed
Serial Port 2 (J4) is set to COM4	J7/jumper 4	pins 2 & 3 closed
í Parallel Port (J8) enabled	J7/jumper 5	pins 1 & 2 closed
Parallel Port (J8) disabled	J7/jumper 5	pins 2 & 3 closed
í Parallel Port (J8) address is 378h	J7/jumper 6	pins 1 & 2 closed
Parallel Port (J8) address is 278h	J7/jumper 6	pins 2 & 3 closed
í Floppy drive port address is 3F0-3F7h	J7/jumper 8	pins 1 & 2 closed
Floppy drive port address is 370-377h	J7/jumper 8	pins 2 & 3 closed
í Parallel Port (J8) uses IRQ7	J10/jumper 1	pins 1 & 2 closed
Parallel Port (J8) uses IRQ5	J10/jumper 1	pins 2 & 3 closed
í Serial Port 1 (J5) uses IRQ4	J10/jumper 2	pins 1 & 2 closed
Serial Port 1 (J5) uses IRQ7	J10/jumper 2	pins 2 & 3 closed
í Serial Port 2 (J4) uses IRQ3	J10/jumper 3	pins 1 & 2 closed
Serial Port 2 (J4) uses IRQ5	J10/jumper 3	pins 2 & 3 closed

FLOPPY DRIVE CONFIGURATION		
Drive	J7/jumper 7	J9
í Enabled	pins 1 & 2 closed	Closed
Disabled	pins 2 & 3 closed	Open