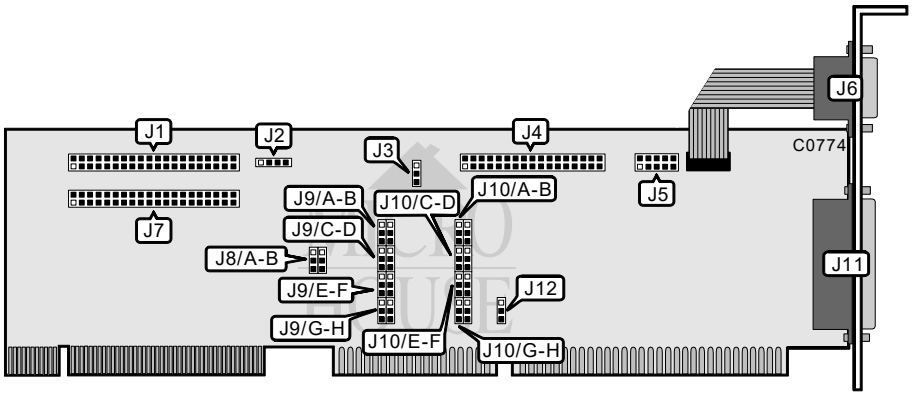
BOCA RESEARCH, INC.
IDE PLUS: IDEVL2

Q2/95

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



CONNECTIONS	
Function	Location
40-pin IDE(AT) interface connector A	J1
4-pin connector - drive active LED	J2
34-pin control cable connector - floppy drive	J4
10-pin serial port 2 - internal	J5
10-pin serial port 1 - external	J6
40-pin IDE(AT) interface connector B	J7
25-pin parallel port	J11

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive enabled	J3	pins 1 & 2 closed
Floppy drive disabled	J3	pins 2 & 3 closed
í Parallel port uses IRQ7	J12	pins 1 & 2 closed
Parallel port uses IRQ5	J12	pins 2 & 3 closed

IDE PORTS A & B CONFIGURATION - J8			
Port A (J1)	Port B (J7)	Jumper A	Jumper B
í Primary address	Disabled	pins 1 & 2 closed	pins 1 & 2 closed
Secondary address	Disabled	pins 2 & 3 closed	pins 2 & 3 closed
Primary address	Secondary address	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	Disabled	pins 2 & 3 closed	pins 1 & 2 closed

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IDE PORTS A & B INTERRUPT SELECT - J10			
Port A (J1)	Port B (J7)	Jumper G	Jumper H
í IRQ14	Disabled	pins 1 & 2 closed	all pins open
IRQ15	Disabled	pins 2 & 3 closed	all pins open
IRQ14	IRQ15	pins 1 & 2 closed	pins 2 & 3 closed
IRQ15	IRQ14	pins 2 & 3 closed	pins 1 & 2 closed

SERIAL PORT 1 CONFIGURATION - J9		
COM/Address	Jumper A	Jumper B
í C)M1/3F8h	pins & 2 closed	pins & 2 closed
C)M2/2F8h	pins & 2 closed	pins & 3 closed
C)M3/3E8h	pins & 3 closed	pins & 2 closed
)isabled	pins & 3 closed	pins & 3 closed

SERIAL PORT 1 INTERRUPT SELECT - J9		
IRQ	Jumper E	Jumper F
í IRQ4	pins & 2 closed	all ins open
IRQ3	all ins open	pins & 2 closed
IRQ5	all ins open	pins & 3 closed
IRQ7	pins & 3 closed	all ins open
)isabled	all ins open	all ins open

SERIAL PORT 2 CONFIGURATION - J9		
COM/Address	Jumper C	Jumper D
í C)M2/2F8h	pins & 2 closed	pins & 2 closed
C)M1/3F8h	pins & 2 closed	pins & 3 closed
C)M4/2E8h	pins & 3 closed	pins & 2 closed
)isabled	pins & 3 closed	pins & 3 closed

SERIAL PORT 1 INTERRUPT SELECT - J9		
IRQ	Jumper G	Jumper H
í IRQ3	all ins open	pins & 2 closed
IRQ4	pins & 2 closed	all ins open
IRQ5	all ins open	pins & 3 closed
IRQ7	pins & 3 closed	all ins open
)isabled	all ins open	all ins open

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PARALLEL PORT CONFIGURATION - J10		
LPT/Address	Jumper A	Jumper B
í l PT1/378h	pins & 2 closed	pins & 2 closed
l PT2/278h	pins & 2 closed	pins & 3 closed
Disabled	pins & 3 closed	pins & 2 closed

ENHANCED PARALLEL PORT MODES - J10		
Mode	Jumper C	Jumper D
í S andard	pins & 2 closed	pins & 2 closed
Enhanced P arallel Port (EPP)	pins & 2 closed	pins & 3 closed
Extended Capabilities Port (E CP)	pins & 3 closed	pins & 2 closed
IEEE 1284 all of the above)	pins & 3 closed	pins & 3 closed

ENHANCED PARALLEL PORT DMA CHANNEL SELECT - J1(		
DMA Channel	Jumper E	Jumper F
í Disabled	all ins open	all ins open
DMA1	pins & 2 closed	pins & 2 closed
DMA3	pins & 3 closed	pins & 3 closed