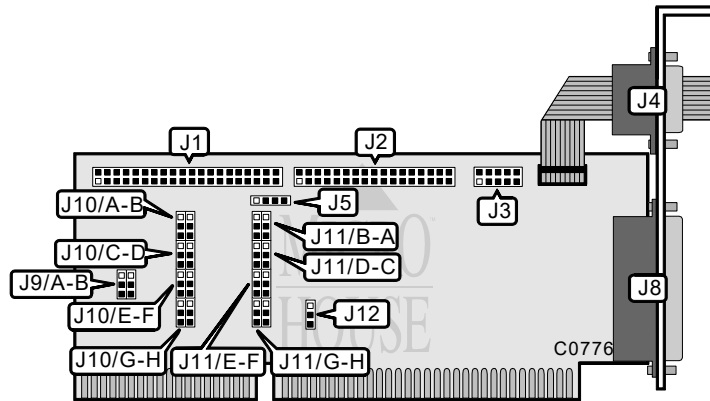


BOCA RESEARCH, INC.
IDE PLUS: IDEG22

Q2/95

Data bus: 16-bit ISA
Size: Half-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
34-pin control cable connector - floppy drive	J2
10-pin serial port 2 - internal	J3
10-pin serial port 1 - external	J4
4-pin connector - drive active LED	J5
25-pin parallel port	J8

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
<input type="checkbox"/> Floppy drive enabled <input type="checkbox"/> Floppy drive disabled	J10/jumper G	pins 1 & 2 closed pins 2 & 3 closed
<input type="checkbox"/> IDE port IRQ14 selected <input type="checkbox"/> IDE port IRQ15 selected	J10/jumper H	pins 1 & 2 closed pins 2 & 3 closed
<input type="checkbox"/> Parallel port IRQ7 selected <input type="checkbox"/> Parallel port IRQ5 selected	J12	pins 1 & 2 closed pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION - J10		
COM/Address	Jumper A	Jumper B
<input type="checkbox"/> COM1/3F8h	pins : & 2 closed	pins : & 2 closed
<input type="checkbox"/> COM2/2F8h	pins : & 2 closed	pins : & 3 closed
<input type="checkbox"/> COM3/3E8h	pins : & 3 closed	pins : & 2 closed
<input type="checkbox"/> Disabled	pins : & 3 closed	pins : & 3 closed

Continued on next page . . .

BOCA RESEARCH, INC.
IDE PLUS: IDEG22

... continued from previous page

SERIAL PORT 1 INTERRUPT SELECT - J9		
IRQ	Jumper A	Jumper B
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
Disabled	all ins open	all ins open

SERIAL PORT 2 CONFIGURATION - J10		
COM/Address	Jumper C	Jumper D
COM2/2F8h	pins : & 2 closed	pins : & 2 closed
COM1/3F8h	pins : & 2 closed	pins : & 3 closed
COM4/2E8h	pins : & 3 closed	pins : & 2 closed
Disabled	pins : & 3 closed	pins : & 3 closed

SERIAL PORT 1 INTERRUPT SELECT - J10		
IRQ	Jumper E	Jumper F
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
Disabled	all ins open	all ins open

PARALLEL PORT CONFIGURATION - J11		
LPT/Address	Jumper A	Jumper B
LPT1/378h	pins : & 2 closed	pins : & 2 closed
LPT2/278h	pins : & 2 closed	pins : & 3 closed
Disabled	pins : & 3 closed	pins : & 2 closed

ENHANCED PARALLEL PORT MODES - J11		
Mode	Jumper C	Jumper D
Standard	pins : & 2 closed	pins : & 2 closed
Enhanced Parallel Port (EPP)	pins : & 2 closed	pins : & 3 closed
Extended Capabilities Port (ECP)	pins : & 3 closed	pins : & 2 closed
IEEE 1284 all of the above)	pins : & 3 closed	pins : & 3 closed

Continued on next page ...

BOCA RESEARCH, INC.
IDE PLUS: IDEG22

. . . continued from previous page

ENHANCED PARALLEL PORT DMA CHANNEL SELECT - J11		
DMA Channel	Jumper E	Jumper F
Disabled	all pins open	all pins open
DMA1	pins : & 2 closed	pins : & 2 closed
DMA3	pins : & 3 closed	pins : & 3 closed

IDE PORT CONFIGURATION - J11		
Address	Jumper G	Jumper H
Primary	pins : & 2 closed	pins : & 2 closed
Secondary	pins : & 2 closed	pins : & 3 closed
Disabled	pins : & 3 closed	pins : & 2 closed