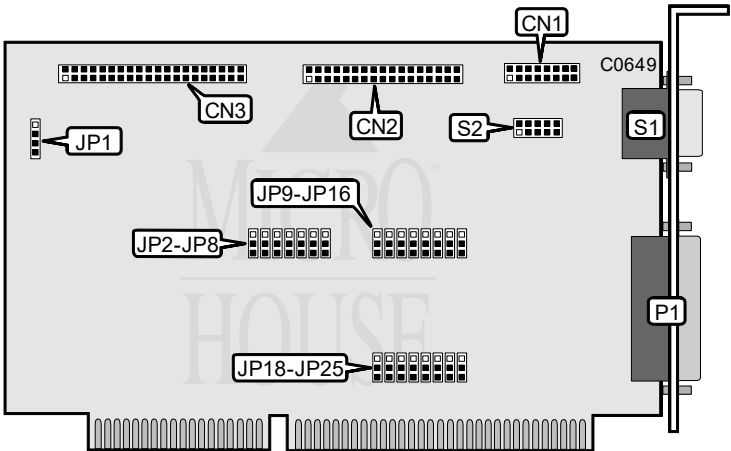


SIIG, INC.  
IDE PROFESSIONAL

Q3/95

Data bus: 16-bit ISA  
Size: Half-length, full height card  
Hard drive supported: Two IDE (AT) interface drives  
Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB, or 2.88MB drives



CONNECTIONS	
Function	Location
16-pin game port - internal	CN1
34-pin control cable connector - floppy drive	CN2
40-pin IDE (AT) interface connector	CN3
4-pin connector - drive active LED	JP1
25-pin parallel port - external	P1
9-pin serial port - external	S1
10-pin serial port connector - internal	S2

Continued on next page. . .

# SIIG, INC.

## IDE PROFESSIONAL

...continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í IDE (AT) interface enabled	JP2/pins 1 & 2	closed
IDE (AT) interface disabled	JP2/pins 2 & 3	closed
í Floppy controller enabled	JP3/pins 1 & 2	closed
Floppy controller disabled	JP3/pins 2 & 3	closed
í Game port enabled	JP8/pins 1 & 2	closed
Game port disabled	JP8/pins 2 & 3	closed
í Parallel port IRQ7 select	JP16/pins 1 & 2	closed
Parallel port IRQ5 select	JP16/pins 2 & 3	closed

SERIAL PORT 1 CONFIGURATION		
COM	JP4	JP5
í COM1 (3F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM2 (2F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 INTERRUPT SELECTION								
IRQ	JP18	JP19	JP20	JP21	JP22	JP23	JP24	JP25
í 4	open	open	open	open	open	open	2 & 3	open
2/9	open	open	open	2 & 3	open	open	open	open
3	open	open	open	open	open	open	open	2 & 3
5	open	open	open	open	open	2 & 3	open	open
7	open	open	open	open	2 & 3	open	open	open
10	open	open	2 & 3	open	open	open	open	open
11	open	2 & 3	open	open	open	open	open	open
12	2 & 3	open	open	open	open	open	open	open
Note: Pins designated are in the closed position.								

SERIAL PORT 2 CONFIGURATION		
COM	JP6	JP7
í COM2 (2F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM1 (3F8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

Continued on next page. . .

# SIIG, INC.

## IDE PROFESSIONAL

...continued from previous page

SERIAL PORT 2 INTERRUPT SELECTION								
IRQ	JP18	JP19	JP20	JP21	JP22	JP23	JP24	JP25
3	open	open	open	open	open	open	open	1 & 2
2/9	open	open	open	1 & 2	open	open	open	open
4	open	open	open	open	open	open	1 & 2	open
5	open	open	open	open	open	1 & 2	open	open
7	open	open	open	open	1 & 2	open	open	open
10	open	open	1 & 2	open	open	open	open	open
11	open	1 & 2	open	open	open	open	open	open
12	1 & 2	open	open	open	open	open	open	open

Note: Pins designated are in the closed position.

PARALLEL PORT I/O ADDRESS SELECTION		
Address	JP9	JP10
378h	pins 1 & 2 closed	pins 2 & 3 closed
278h	pins 1 & 2 closed	pins 1 & 2 closed
3BCh	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT MODE SELECTION		
Mode	JP11	JP12
EPP/Bi-directional	pins 1 & 2 closed	pins 2 & 3 closed
ECP & EPP	pins 1 & 2 closed	pins 1 & 2 closed
ECP	pins 2 & 3 closed	pins 1 & 2 closed
SPP	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT DMA CHANNEL SELECTION			
Channel	JP13	JP14	JP15
Disabled	open	open	pins 2 & 3 closed
1	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
3	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed

Note: DMA channel selection is only in ECP mode.