UNIDENTIFIED
CI-91 (SMD)

Card Type	Hard drive controller
Hard Drives supported	Two IDE (AT/XT) drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	16-bit ISA
Card Size	Half-length, full-height
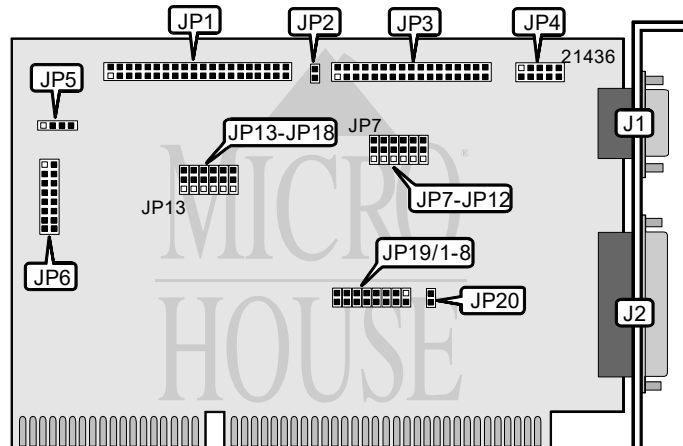
CONNECTIONS			
Function	Label	Function	Label
9-pin serial port 1 - external	J1	10-pin serial port 2 - internal	JP4
25-pin parallel port - external	J2	4-pin connector - drive active LED	JP5
40-pin IDE(AT) connector	JP1	16-pin game port	JP6
34-pin cable connector - floppy drive	JP3		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Single hard drive connected to controller	JP2	Closed
Two hard drives connected to controller	JP2	Open
PC/XT mode enabled	JP13	Pins 1 & 2 closed
PC/AT mode enabled	JP13	Pins 2 & 3 closed
Floppy drive interface enabled	JP14	Pins 2 & 3 closed
Floppy drive interface disabled	JP14	Pins 1 & 2 closed
IDE(AT) interface address is 316h, 317h, 110h	JP15	Pins 1 & 2 closed
IDE(AT) interface address is 376h, 377h, 170h	JP15	Pins 2 & 3 closed
IDE(AT) interface enabled	JP16	Pins 2 & 3 closed
IDE(AT) interface disabled	JP16	Pins 1 & 2 closed
Floppy drive order is normal (A:, B:)	JP17	Pins 2 & 3 closed
Floppy drive order is reversed (B:, A:)	JP17	Pins 1 & 2 closed
Floppy drive address is 3F0h	JP18	Pins 1 & 2 closed
Floppy drive address is 370h	JP18	Pins 2 & 3 closed
Parallel port is uni-directional	JP20	Closed
Parallel port is bi-directional	JP20	Open

UNIDENTIFIED
CI-91 (SMD)

PARALLEL PORT ADDRESS SELECTION		
Setting	JP11	JP12
LPT1 (378h)	Pins 2 & 3 closed	Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP7	JP8
COM1 (3F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	JP9	JP10
COM2 (2F8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM3 (3E8h)	Pins 2 & 3 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	JP19/1	JP19/2	JP19/3
IRQ3	Open	Closed	Open
IRQ4	Closed	Open	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	JP19/4	JP19/5	JP19/6
IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	JP19/7	JP19/8
IRQ5	Open	Closed
IRQ7	Closed	Open