KOUWELL ELECTRONICS CORPORATION
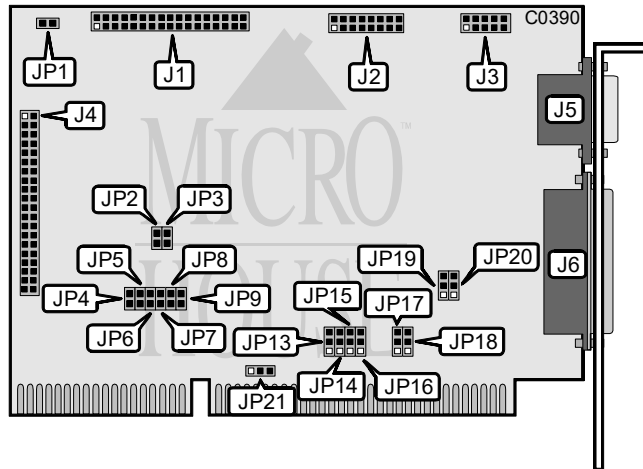## KW-556B

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, or 1.44MB drives

CONNECTIONS	
Function	Location
34-pin control cable connector - floppy drive	J1
15-pin game port - internal	J2
10-pin serial port (COM2/3/4) - internal	J3
40-pin IDE(AT) Interface connector	J4
10-pin serial port (COM1/3/4) - external	J5
25-pin parallel port (LPT1/2/3) - external	J6
2-pin connector - Drive active LED	JP1

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Parallel Port interrupt request IRQ7 enabled	JP21	pins 2 & 3 closed
Parallel Port interrupt request IRQ5 enabled	JP21	pins 1 & 2 closed
í Hard drive enabled	JP2, JP3	closed
Hard drive disabled	JP2, JP3	open

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SERIAL PORT CONFIGURATION

Port 1 (J5)	Port 2 (J3)	JP4	JP5	JP6	JP7	JP8	JP9
í COM1	í COM2	Open	Open	Open	Open	Open	Open
COM1	COM3	Closed	Open	Closed	Open	Open	Closed
COM1	COM4	Open	Closed	Open	Open	Open	Closed
COM1	Disabled	Open	Open	Open	Open	Open	Closed
Disabled	COM2	Open	Open	Open	Open	Closed	Open
COM3	COM2	Closed	Open	Open	Open	Closed	Open
COM3	COM4	Closed	Closed	Open	Open	Closed	Closed
COM3	Disabled	Closed	Open	Open	Open	Closed	Closed
Disabled	COM4	Open	Closed	Open	Open	Closed	Closed
COM4	COM2	Open	Closed	Open	Closed	Closed	Open
Disabled	Disabled	Open	Open	Open	Open	Closed	Closed

SERIAL PORT INTERRUPT SELECT

Port 1 (J5)	Port 2 (J3)	JP13	JP14	JP15	JP16
í IRQ4	IRQ4	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
IRQ3	í IRQ3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
IRQ5	IRQ5	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
IRQ9	IRQ9	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
Note: Pins designated should be in the closed position.					

PARALLEL PORT CONFIGURATION

LPT	JP17	JP 8
í 1	Pins 1 & 2 closed	Pins 2 & 3 closed
2	Pins 2 & 3 closed	Pins 2 & 3 closed
3	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

FLOPPY DRIVE INTERFACE CONFIGURATION

Floppy Drive	Support 2nd Floppy	JP19	JP20
í Enabled	í Enabled	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Disabled	Pins 2 & 3 open	Pins 1 & 2 closed