KOUWELL ELECTRONIC CORPORATION
KW-557TB

Card Type	Hard drive controller card
Hard Drives supported	Four EIDE drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	16-bit ISA
Card Size	Half-length, full-height card
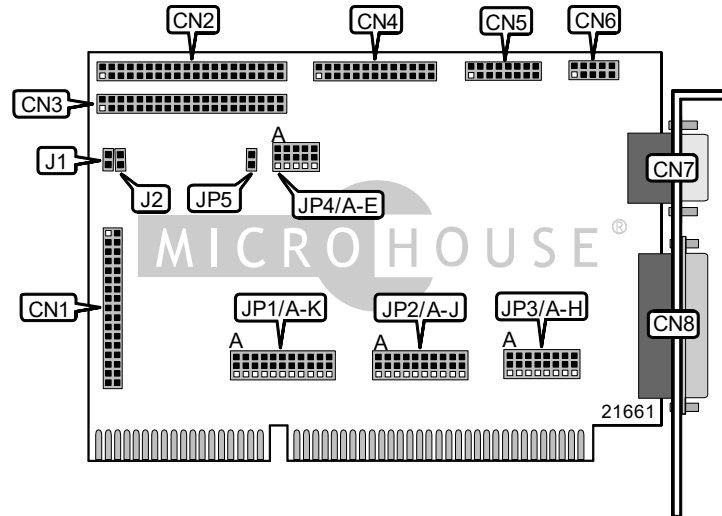
CONNECTIONS			
Function	Location	Function	Location
34-pin cable connector - floppy drive	CN1	10-pin serial port 2 - internal	CN6
40-pin primary IDE(AT) connector	CN2	9-pin serial port 1 - external	CN7
40-pin secondary IDE(AT) connector	CN3	25-pin parallel port A - external	CN8
Parallel port B internal	CN4	2-pin connector - drive active LED IDE1	J1
16-pin game port	CN5	2-pin connector - drive active LED IDE2	J2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í IDE(1) interface enabled	JP4/A	Pins 1 & 2 closed
IDE(1) interface disabled	JP4/A	Pins 2 & 3 closed
í IDE(2) interface enabled	JP4/B	Pins 1 & 2 closed
IDE(2) interface disabled	JP4/B	Pins 2 & 3 closed
í Floppy drive interface enabled	JP4/C	Pins 1 & 2 closed
Floppy drive interface disabled	JP4/C	Pins 2 & 3 closed
í Floppy drive order is normal (A:, B:)	JP4/D	Pins 1 & 2 closed
Floppy drive order is reversed (B:, A:)	JP4/D	Pins 2 & 3 closed
í Floppy drive primary	JP4/E	Pins 1 & 2 closed
Floppy drive secondary	JP4/E	Pins 2 & 3 closed
í Game port enabled	JP5	Closed
Game port disabled	JP5	Open

PRINTER A DMA CHANNEL SELECTION				
Channel	JP2/G	JP2/H	JP2/I	JP2/J
1	Pins 1 & 2 closed	Open	Pins 2 & 3 closed	Open
3	Open	Pins 1 & 2 closed	Open	Pins 2 & 3 closed

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PRINTER B DMA CHANNEL SELECTION				
Channel	JP2/G	JP2/H	JP2/I	JP2/J
1	Pins 2 & 3 closed	Open	Pins 2 & 3 closed	Open
3	Open	Pins 2 & 3 closed	Open	Pins 2 & 3 closed

PARALLEL PORT A ADDRESS SELECTION		
Setting	JP3/A	JP3/B
LPT1 (378h)	Pins 2 & 3 closed	Pins 1 & 2 closed
LPT2 (278h)	Pins 2 & 3 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 2 & 3 closed

PARALLEL PORT B ADDRESS SELECTION		
Setting	JP3/C	JP3/D
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 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP1/A	JP1/B
COM1 (3F8h)	Pins 1 & 2 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 2 & 3 closed	Pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	JP1/C	JP1/D
COM2 (2F8h)	Pins 1 & 2 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 2 & 3 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION							
IRQ	JP1/E	JP1/F	JP1/G	JP1/H	JP1/I	JP1/J	JP1/K
IRQ3	1 & 2	Open	Open	Open	Open	Open	Open
IRQ4	Open	1 & 2	Open	Open	Open	Open	Open
IRQ5	Open	Open	1 & 2	Open	Open	Open	Open
IRQ9	Open	Open	Open	1 & 2	Open	Open	Open
IRQ10	Open	Open	Open	Open	1 & 2	Open	Open
IRQ11	Open	Open	Open	Open	Open	1 & 2	Open
IRQ12	Open	Open	Open	Open	Open	Open	1 & 2
Note: Pins designated should be in the closed position.							

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SERIAL PORT 2 INTERRUPT SELECTION							
IRQ	JP1/E	JP1/F	JP1/G	JP1/H	JP1/I	JP1/J	JP1/K
IRQ3	2 & 3	Open	Open	Open	Open	Open	Open
IRQ4	Open	2 & 3	Open	Open	Open	Open	Open
IRQ5	Open	Open	2 & 3	Open	Open	Open	Open
IRQ9	Open	Open	Open	2 & 3	Open	Open	Open
IRQ10	Open	Open	Open	Open	2 & 3	Open	Open
IRQ11	Open	Open	Open	Open	Open	2 & 3	Open
IRQ12	Open	Open	Open	Open	Open	Open	2 & 3
Note: Pins designate should be in the closed position.							

PARALLEL PORT A INTERRUPT SELECTION						
IRQ	JP2/A	JP2/B	JP2/C	JP2/D	JP2/E	JP2/F
IRQ5	1 & 2	Open	Open	Open	Open	Open
IRQ7	Open	1 & 2	Open	Open	Open	Open
IRQ9	Open	Open	1 & 2	Open	Open	Open
IRQ10	Open	Open	Open	1 & 2	Open	Open
IRQ11	Open	Open	Open	Open	1 & 2	Open
IRQ12	Open	Open	Open	Open	Open	1 & 2
Note: Pins designated should be in the closed position.						

PARALLEL PORT B INTERRUPT SELECTION						
IRQ	JP2/A	JP2/B	JP2/C	JP2/D	JP2/E	JP2/F
IRQ5	2 & 3	Open	Open	Open	Open	Open
IRQ7	Open		Open	Open	Open	Open
IRQ9	Open	Open	2 & 3	Open	Open	Open
IRQ10	Open	Open	Open	2 & 3	Open	Open
IRQ11	Open	Open	Open	Open	2 & 3	Open
IRQ12	Open	Open	Open	Open	Open	2 & 3
Note: Pins designated should be in the closed position.						

PARALLEL PORT A MODE SELECTION		
Setting	JP3/E	JP3/F
SPP	Pins 1 & 2 closed	Pins 1 & 2 closed
ECP	Pins 1 & 2 closed	Pins 2 & 3 closed
EPP	Pins 2 & 3 closed	Pins 1 & 2 closed
EXT2FDD	Pins 2 & 3 closed	Pins 2 & 3 closed

PARALLEL PORT B MODE SELECTION		
Setting	JP3/G	JP3/H
SPP	Pins 1 & 2 closed	Pins 2 & 3 closed
ECP	Pins 1 & 2 closed	Pins 1 & 2 closed
EPP	Pins 2 & 3 closed	Pins 1 & 2 closed
EXT2FDD	Pins 2 & 3 closed	Pins 2 & 3 closed