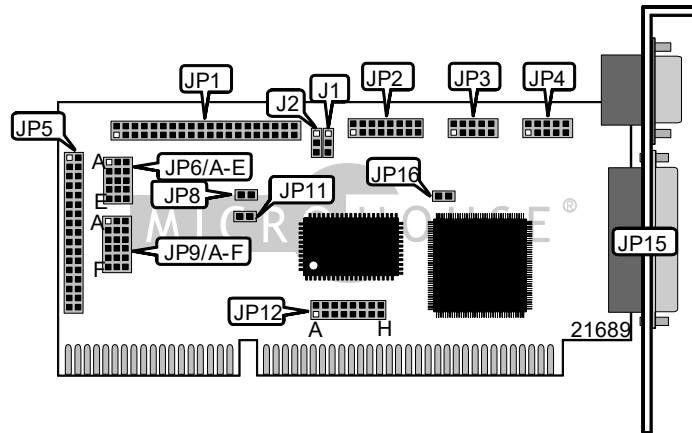


# DTK COMPUTER INC.

## UN-1075

Card Type	Hard drive controller card
Hard Drives supported	Two IDE (AT or XT) drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	16-bit ISA
Card Size	Three-quarter length, half-height card



CONNECTIONS			
Function	Location	Function	Location
40-pin primary IDE(AT) connector	JP1	34-pin cable connector - floppy drive	JP5
16-pin game port connector	JP2	Hard disk drive LED connector	JP8
10-pin serial port 1 connector	JP3	25-pin parallel port connector- external	JP15
10-pin serial port 2 connector	JP4		

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
í Floppy drive order is normal (A:, B:)	JP6/A	Pins 1 & 2 closed	
Floppy drive order is reversed (B:, A:)	JP6/A	Pins 2 & 3 closed	
í Floppy drive address is 370h-377h	JP6/B	Pins 1 & 2 closed	
Floppy drive address is 3F0h-3F7h	JP6/B	Pins 2 & 3 closed	
í IDE(AT) interface enabled	JP6/C	Pins 1 & 2 closed	
IDE(AT) interface disabled	JP6/C	Pins 2 & 3 closed	
í IDE primary address is 367h, 377h, 170h-177h	JP6/D	Pins 1 & 2 closed	
IDE secondary address is 3F6h, 3F7h, 1F0h-1F7h	JP6/D	Pins 2 & 3 closed	
í Floppy drive interface enabled	JP6/E	Pins 1 & 2 closed	
Floppy drive interface disabled	JP6/E	Pins 2 & 3 closed	
í Game port enabled	JP16	Closed	
Game port disabled	JP16	Open	

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PARALLEL PORT ADDRESS SELECTION		
Setting	JP9/E	JP9/F
í LPT1 (378h)	Pins 2 & 3 closed	Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
Setting	JP9/A	JP9/B
í COM1 (3F8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM3 (3E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
COM4 (2E8h)	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed

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

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	JP12/A	JP12/B	JP12/C
IRQ3	Open	Closed	Open
í IRQ4	Closed	Open	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	JP12/D	JP12/E	JP12/F
í IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	JP12/G	JP12/H
í 7	Closed	Open
5	Open	Closed

PARALLEL PORT MODE SELECTION		
Mode	Label	Position
Uni-directional	JP11	Closed
Bi-directional	JP11	Open

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IDEIOR PATH SELECTION		
Function	Label	Position
W83758p – IOROP (buffer)	J1	Pins 1 & 2 closed
í ATBUS IOR	J1	Pins 2 & 3 closed

IDEIOW PATH SELECTION		
Function	Label	Position
W83758p – IOWOP (buffer)	J2	Pins 1 & 2 closed
í ATBUS IOW	J2	Pins 2 & 3 closed