DTK COMPUTER INC.
PTI-227W (Ver. 2.00)

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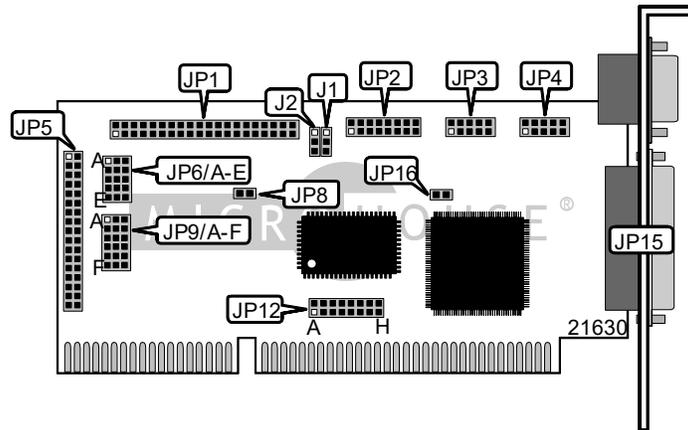
CONNECTIONS			
Function	Location	Function	Location
40-pin primary IDE(AT) connector	JP1	34-pin cable connector - floppy drive	JP5
16-pin game port connector	JP2	Hard disk drive LED connector	JP8
10-pin serial port 1 connector	JP3	25-pin parallel port connector- external	JP15
10-pin serial port 2 connector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

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