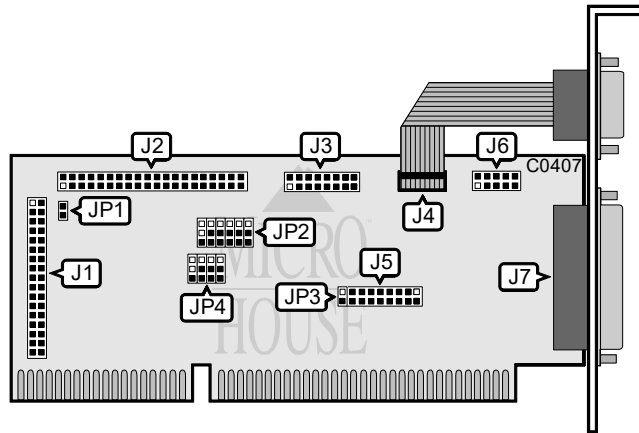# DTK COMPUTER, INC.
PTI-227B

Q1/94

Data bus: 16-bit, ISA
Size: Half-length, half-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
40-pin IDE(AT) Interface connector	J2
16-pin game port - internal	J3
10-pin serial port (COM1/3/4) - external	J4
10-pin serial port (COM2/3/4) - internal	J6
25-pin parallel port (LPT1/2/3) - external	J7
2-pin connector - Drive active LED	JP1

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Parallel Port is uni-directional	JP3	closed
Parallel Port is bi-directional	JP3	open
í Hard drive port address is 3F6-3F7, 1F0-1F7h	JP4/jumper 1	pins 1 & 2 closed
Hard drive port address is 376-377, 170-177h	JP4/jumper 1	pins 2 & 3 closed
í Hard drive enabled	JP4/jumper 2	pins 2 & 3 closed
Hard drive disabled	JP4/jumper 2	pins 1 & 2 closed
í Floppy drive port address is 3F0-3F7h	JP4/jumper 3	pins 1 & 2 closed
Floppy drive port address is 370-377h	JP4/jumper 3	pins 2 & 3 closed
í Floppy drive enabled	JP4/jumper 4	pins 2 & 3 closed
Floppy drive disabled	JP4/jumper 4	pins 1 & 2 closed

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SERIAL PORT 1 (J4) CONFIGURATION		
COM	JP2/jumper 1	JP2/jumper 2
í 1	pins 2 & 3 closed	pins 1 & 2 closed
3	pins 1 & 2 closed	pins 2 & 3 closed
4	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 2 (J6) CONFIGURATION		
COM	JP2/jumper 3	JP2/jumper 4
í 2	pins 2 & 3 closed	pins 1 & 2 closed
3	pins 2 & 3 closed	pins 2 & 3 closed
4	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT (J7) CONFIGURATION		
LPT	JP2/jumper 5	JP2/jumper 6
í 1	pins 1 & 2 closed	pins 2 & 3 closed
2	pins 2 & 3 closed	pins 1 & 2 closed
3	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 1 (J4) INTERRUPT REQUEST			
IRQ	J5/jumper 1	J5/jumper 2	J5/jumper 3
3	open	closed	open
í 4	closed	open	open
5	open	open	closed

SERIAL PORT 2 (J6) INTERRUPT REQUEST			
IRQ	J5/jumper 4	J5/jumper 5	J5/jumper 6
í 3	closed	open	open
4	open	closed	open
5	open	open	closed

PARALLEL PORT (J7) INTERRUPT REQUEST		
IRQ	J5/jumper 7	J5/jumper 8
5	open	closed
í 7	closed	open