DTK COMPUTER, INC.
PTI-227

Q4/92

Data bus:	16-bit, ISA
Size:	Half-length, full-height card
Hard drives supported:	Two IDE (AT) Interface drives
Floppy drives supported:	Two 360KB, 720KB, 1.2MB or 1.44MB drives
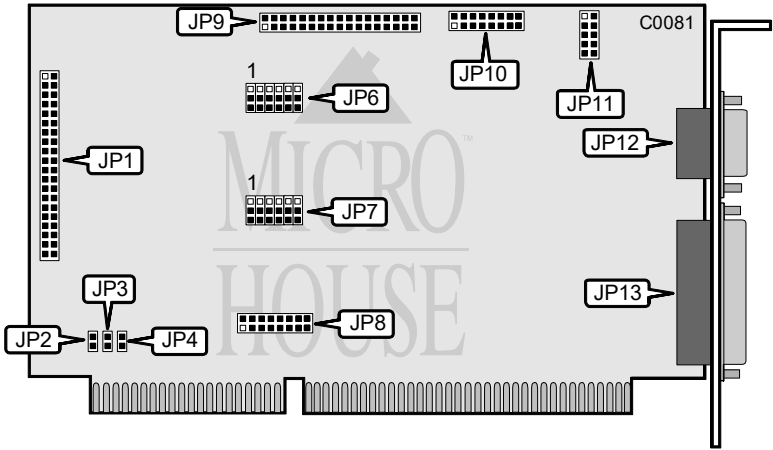
CONNECTIONS	
Function	Location
40-pin IDE (AT) Interface connector	JP1
2-pin connector-Drive Active LED	JP2
34-pin control cable connector-floppy drive	JP9
15-pin game port-internal	JP10
9-pin serial port 2 (COM2)-internal	JP11
9-pin serial port 1 (COM1)-external	JP12
25-pin parallel port-external	JP13

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Single IDE drive on chain	JP3	closed
Two IDE drives on chain	JP3	open
í Parallel port (CN13) is an output port	JP4	closed
Parallel port (CN13) is an input or output port	JP4	open
í Supports IBM BIOS	JP5	pins 2 & 3 closed
Supports other BIOS	JP5	pins 1 & 2 closed
í Hard drive port address is 1F0-1F7h, 3F6-3F7h	JP7/jumper 1	pins 1 & 2 closed
Hard drive port address is 170-177h, 376-377h	JP7/jumper 1	pins 2 & 3 closed
í Floppy drive assignment changed (A: = B:; B: = A:)	JP7/jumper 2	pins 1 & 2 closed
Floppy drive assignment normal	JP7/jumper 2	pins 2 & 3 closed
í Floppy drive port address is 3F0-3F7h	JP7/jumper 3	pins 1 & 2 closed
Floppy drive port address is 370-377h	JP7/jumper 3	pins 2 & 3 closed
í Hard drive enabled	JP7/jumper 4	pins 2 & 3 closed
Hard drive disabled	JP7/jumper 4	pins 1 & 2 closed
í Floppy drive enabled	JP7/jumper 5	pins 2 & 3 closed
Floppy drive disabled	JP7/jumper 5	pins 1 & 2 closed
í AT compatible	JP7/jumper 6	pins 2 & 3 closed
XT compatible	JP7/jumper 6	pins 1 & 2 closed

SERIAL PORT 1 CONFIGURATION		
COM	JP6/jumper 1	JP6/jumper 2
í COM1 (3F8)	pins 2 & 3 closed	pins 1 & 2 closed
COM3 (3E8)	pins 1 & 2 closed	pins 2 & 3 closed
COM4 (2E8)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT REQUEST			
IRQ	JP8/jumper 1	JP8/jumper 2	JP8/jumper 3
í IRQ4	closed	open	open
IRQ3	open	cloqed	open
IRQ5	open	open	closed

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SERIAL PORT 2 CONFIGURATION		
COM	JP6/jumper 3	JP6/jumper 4
í COM2 (2F8)	pins 2 & 3 closed	pins 1 & 2 closed
COM3 (3E8)	pins 2 & 3 closed	pins 2 & 3 closed
COM4 (2E8)	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 2 INTERRUPT REQUEST			
IRQ	JP8/jumper 4	JP8/jumper 5	JP8/jumper 6
í IRQ3	closed	open	open
IRQ4	open	closed	open
IRQ5	open	open	closed

PARALLEL PORT CONFIGURATION		
LPT	JP6/jumper 5	JP6/jumper 6
í LPT1 (378)	pins 1 & 2 closed	pins 2 & 3 closed
LPT1 (3BC)	pins 2 & 3 closed	pins 2 & 3 closed
LPT2 (278)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT INTERRUPT REQUEST		
IRQ	JP8/jumper 5	JP8/jumper 6
í IRQ7	closed	open
IRQ5	open	closed