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PTI-227W Hard Disk/Floppy Controller Settings and Configuration

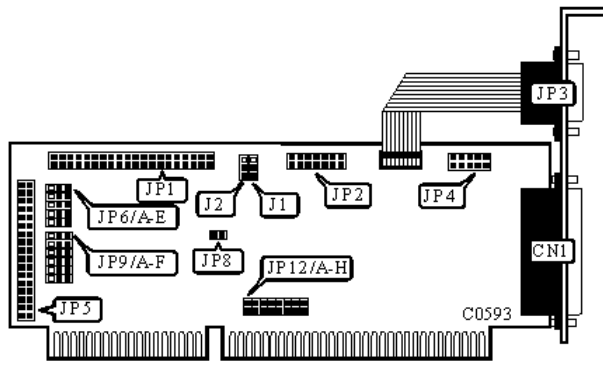
Certified isolated USB

acc. to EN60601-1 for
sensitive medical and
industrial applications



DTK COMPUTER, INC.
PTI-227W

Data bus: 16-bit, ISA



CONNECTIONS

Function	Location
25-pin parallel port	CN1
40-pin IDE (AT) Interface connector	JP1
Game port	JP2
9-pin serial port 1 - external	JP3
10-pin serial port 2 - internal	JP4
34-pin control cable connector - floppy drive	JP5
2-pin connector - drive active LED	JP8

USER CONFIGURABLE SETTINGS

Function	Location	Setting
» Primary floppy drive is A:/secondary floppy is B:	JP6/jumper A	Pins 1 & 2 closed
Primary floppy drive is B:/secondary floppy is A:	JP6/jumper A	Pins 2 & 3 closed
Floppy drive address is 370-377h	JP6/jumper B	Pins 2 & 3 closed
Floppy drive address is 3F0-3F7h	JP6/jumper B	Pins 1 & 2 closed
» IDE port enabled	JP6/jumper C	Pins 1 & 2 closed
IDE port disabled	JP6/jumper C	Pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION - JP9

COM/Address	Jumper A	Jumper B
» COM1/3F8h	Pins 2 & 3 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 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECT - JP12

IRQ	Jumper A	Jumper B	Jumper C
» IRQ4	Closed	Open	Open
IRQ3	Open	Closed	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 CONFIGURATION - JP9

COM/Address	Jumper C	Jumper D
» COM2/2F8h	Pins 2 & 3 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 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 2 INTERRUPT SELECT - JP12

IRQ	Jumper D	Jumper E	Jumper F
» IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT CONFIGURATION - JP9

LPT/Address	Jumper E	Jumper F
» LPT1/378h	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT2/278h	Pins 2 & 3 closed	Pins 1 & 2 closed
LPT3/3BCh	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

PARALLEL PORT INTERRUPT SELECT - JP12

IRQ	Jumper G	Jumper H
» IRQ7	Closed	Open
IRQ5	Open	Closed

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