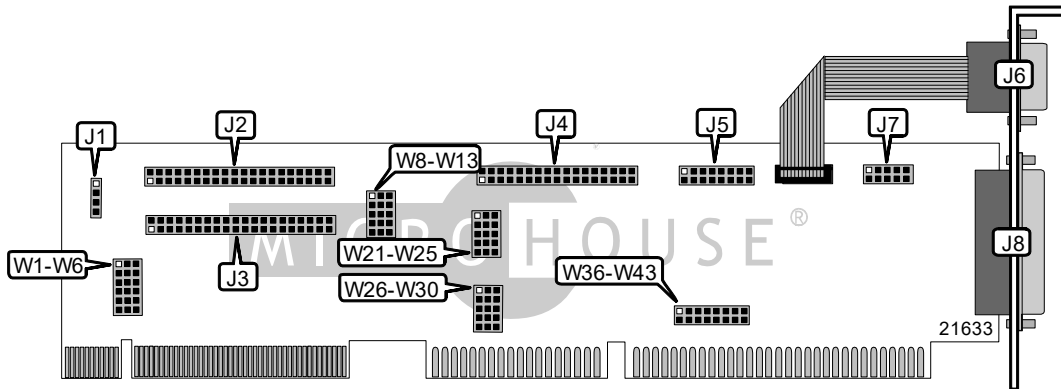


# DTK COMPUTER, INC.

## PTI-255H

Card Type	Hard drive controller card
Hard Drives supported	Four EIDE drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
Data Bus	32-bit VESA Local Bus
Card Size	Full-length, half-height card



CONNECTIONS			
Function	Location	Function	Location
4-pin connector - drive active LED	J1	16-pin game port	J5
40-pin primary IDE(AT) connector	J2	10-pin serial port 2 - internal	J6
40-pin secondary IDE(AT) connector	J3	10-pin serial port 2 - internal	J7
34-pin cable connector - floppy drive	J4	25-pin parallel port - external	J8

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
IDE(0) interface enabled	W8	Pins 2 & 3 closed	
IDE(0) interface disabled	W8	Pins 1 & 2 closed	
IDE(1) interface enabled	W9	Pins 2 & 3 closed	
IDE(1) interface disabled	W9	Pins 1 & 2 closed	
Floppy drive interface enabled	W22	Open	
Floppy drive interface disabled	W22	Closed	
Game port enable	W24	open	
Game port disable	W24	closed	
Serial port 1 enabled	W27	Open	
Serial port 1 disabled	W27	Closed	
Parallel port enabled	W28	Open	
Parallel port disabled	W28	Closed	
Serial port 2 enabled	W30	Open	
Serial port 2 disabled	W30	Closed	

PARALLEL PORT ADDRESS SELECTION		
Setting	Label	Position
LPT1 (378h)	W25	Open
LPT2 (278h)	W25	Closed

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SERIAL PORT 1 ADDRESS SELECTION		
Setting	Label	Position
í COM1 (3F8h)	W26	Open
COM3 (3E8h)	W26	Closed

SERIAL PORT 2 ADDRESS SELECTION		
Setting	Label	Position
í COM2 (2F8h)	W29	Open
COM4 (2E8h)	W29	Closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W36	W37	W38
IRQ3	Open	Closed	Open
í IRQ4	Closed	Open	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W39	W40	W41
í IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W42	W43
í IRQ7	Closed	Open
IRQ5	Open	Closed

PARALLEL PORT MODE SELECTION		
Setting	Label	Position
í Uni-directional	W23	Closed
Bi-Directional (EPP/ECP)	W23	Open

I/O CHANNEL READY		
I/O Channel ready	Label	Position
ISA	W6	Pins 1 & 2 closed
759A	W6	Pins 2 & 3 closed

SPEED SELECTION		
Speed	Label	Position
33MHz	W10	Pins 1 & 2 closed
í 50MHz	W10	Pins 2 & 3 closed

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IDE TIMING SELECTION		
IDE Timing	W11	W12
240ns (mode 3)	Pins 1 & 2 closed	Pins 1 & 2 closed
400ns (mode 2)	Pins 1 & 2 closed	Pins 2 & 3 closed
500ns (mode 1)	Pins 2 & 3 closed	Pins 1 & 2 closed
í 600ns (mode 0)	Pins 2 & 3 closed	Pins 2 & 3 closed

FLOPPY DISK DRIVE ADDRESS SELECTION		
Address	Label	Position
í 3F0h	W21	Open
370h	W21	Closed