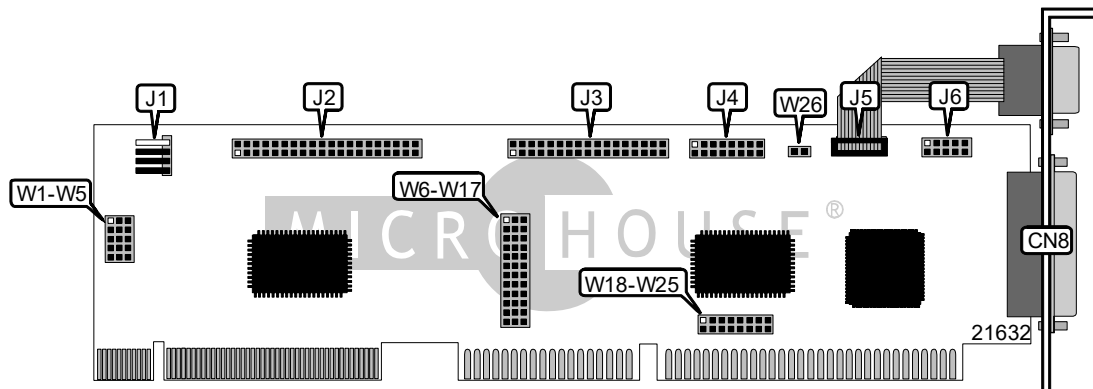


# DTK COMPUTER, INC.

## PTI-250DW, UN-1081VL

Card Type	Hard drive controller card
Hard Drives supported	Two IDE (AT) 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
25-pin parallel port - external	CN8	16-pin game port	J4
4-pin connector - drive active LED	J1	Serial port 1	J5
40-pin primary IDE(AT) connector	J2	10-pin serial port 2	J6
34-pin cable connector - floppy drive	J3		

USER CONFIGURABLE SETTINGS			
Function	Label	Position	
í IDE(AT) IRQ 14 select	W6	Pins 1 & 2 closed	
IDE(AT) IRQ 15 select	W6	Pins 2 & 3 closed	
í Floppy drive address is 3F0h-3F7h	W7	Pins 2 & 3 closed	
Floppy drive address is 370h-377h	W7	Pins 1 & 2 closed	
í IDE primary address is 1F0h-1F7h, 3F6h-3F7h	W8	Pins 2 & 3 closed	
IDE secondary address is 170h-177h, 376h-377h	W8	Pins 1 & 2 closed	
í IDE(AT) interface enabled	W9	Pins 1 & 2 closed	
IDE(AT) interface disabled	W9	Pins 2 & 3 closed	
í Floppy drive interface enabled	W10	Pins 1 & 2 closed	
Floppy drive interface disabled	W10	Pins 2 & 3 closed	
í Game port enabled	W26	Closed	
Game port disabled	W26	Open	

PARALLEL PORT ADDRESS SELECTION			
Setting	W15		W16
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

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SERIAL PORT 1 ADDRESS SELECTION		
Setting	W11	W12
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	W13	W14
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	W18	W19	W20
IRQ3	Open	Closed	Open
í IRQ4	Closed	Open	Open
IRQ5	Open	Open	Closed

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W21	W22	W23
í IRQ3	Closed	Open	Open
IRQ4	Open	Closed	Open
IRQ5	Open	Open	Closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W24	W25
í IRQ7	Closed	Open
IRQ5	Open	Closed

PARALLEL PORT MODE SELECTION		
Mode	Label	Position
í Parallel port is uni-directional	W17	Pins 1 & 2 closed
Parallel port is bi-directional	W17	Pins 2 & 3 closed

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DTK COMPUTER, INC.  
PTI-250DW, UN-1081VL

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FOR 33 MHz VL-BUS COMPUTER (ALSO DX/2 66)					
MBytes/sec.	W1	W2	W3	W4	W5
8.3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
7.4	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
6.7	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
6.1	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
5.6	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
5.1	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
4.8	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
4.4	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
4.2	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
3.9	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
3.7	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
3.5	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
3.3	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated are in the closed position					

FOR >33 MHz VL-BUS COMPUTER					
Mbytes/sec.	W1	W2	W3	W4	W5
7.2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
6.3	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3
5.6	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3
5.0	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
4.5	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3
4.2	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
3.8	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3
3.6	1 & 2	1 & 2	2 & 3	2 & 2	2 & 3
3.3	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
Note: Pins designated are in the closed position					