DTK COMPUTER, INC.

PTI-255W (VER. 1.01)

Data bus:	32-bit VL-bus
Size:	Three-quarter length, half-height card
Hard drive supported:	Four IDE(AT) drives
Floppy drives supported:	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
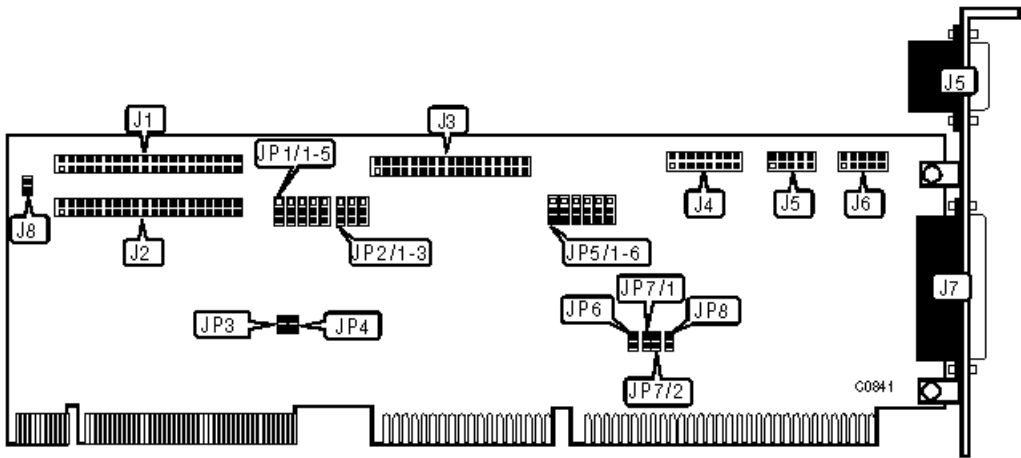
CONNECTIONS	
Function	**Location**
40-pin primary IDE(AT) connector	J1
40-pin secondary IDE(AT) connector	J2
34-pin cable connector - floppy drive	J3
16-pin game port	J4
10-pin serial port 1 - internal, 9-pin serial port 1 - external	J5
10-pin serial port 2 - internal	J6
25-pin Parallel port	J7
2-pin connector - drive active LED	J8

DRIVE SPEED CONFIGURATION

Speed	JP1/4	JP1/5
600ns	pins 1 & 2 closed	pins 1 & 2 closed
500ns	pins 2 & 3 closed	pins 1 & 2 closed
400ns	pins 1 & 2 closed	pins 2 & 3 closed
240ns	pins 2 & 3 closed	pins 2 & 3 closed

USER CONFIGURABLE SETTINGS		
Function	**Location**	**Setting**
Secondary IDE(AT) IOCHRDY signal disabled	JP3	open
Secondary IDE(AT) IOCHRDY signal enabled	JP3	closed
Primary IDE(AT) IOCHRDY signal enabled	JP4	closed
Primary IDE(AT) IOCHRDY signal disabled	JP4	open
Parallel port is unidirectional	JP6	closed
Parallel port is bi-directional	JP6	open
Game port enabled	JP8	closed
Game port disabled	JP8	open
IDE(AT) interface enabled	JP1/1	pins 1 & 2 closed
IDE(AT) interface disabled	JP1/1	pins 2 & 3 closed
IDE(AT) address is 170h & 1F0h	JP1/2	pins 1 & 2 closed
IDE(AT) address is 1F0h	JP1/2	pins 2 & 3 closed
CPU speed is 50MHz	JP1/3	pins 1 & 2 closed
CPU speed is 33MHz	JP1/3	pins 2 & 3 closed
Floppy drive order is normal (A:, B:)	JP2/1	pins 1 & 2 closed
Floppy drive order is reversed (B:, A:)	JP2/1	pins 2 & 3 closed
Floppy drive address is 3F0h	JP2/2	pins 1 & 2 closed

	Floppy drive address is 370h	JP2/2	pins 2 & 3 closed
»	Floppy drive interface enabled	JP2/3	pins 1 & 2 closed
	Floppy drive interface disabled	JP2/3	pins 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
COM	**JP5/1**	**JP5/2**
COM1 (3F8h)	pins 1 & 2 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 2 & 3 closed	pins 1 & 2 closed

(» marks the COM1 row)

SERIAL PORT 2 ADDRESS SELECTION		
COM	**JP5/3**	**JP5/4**
COM2 (2F8h)	pins 1 & 2 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 2 & 3 closed	pins 1 & 2 closed

(» marks the COM2 row)

PARALLEL PORT ADDRESS SELECTION		
LPT	**JP5/5**	**JP6/6**
LPT1 (378h)	pins 1 & 2 closed	pins 1 & 2 closed
LPT2 (278h)	pins 2 & 3 closed	pins 2 & 3 closed
LPT3 (3BCh)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 2 & 3 closed

(» marks the LPT1 row)

PARALLEL PORT INTERRUPT SELECTION		
IRQ	**JP7/1**	**JP7/1**

»	7	closed	open
	5	open	closed