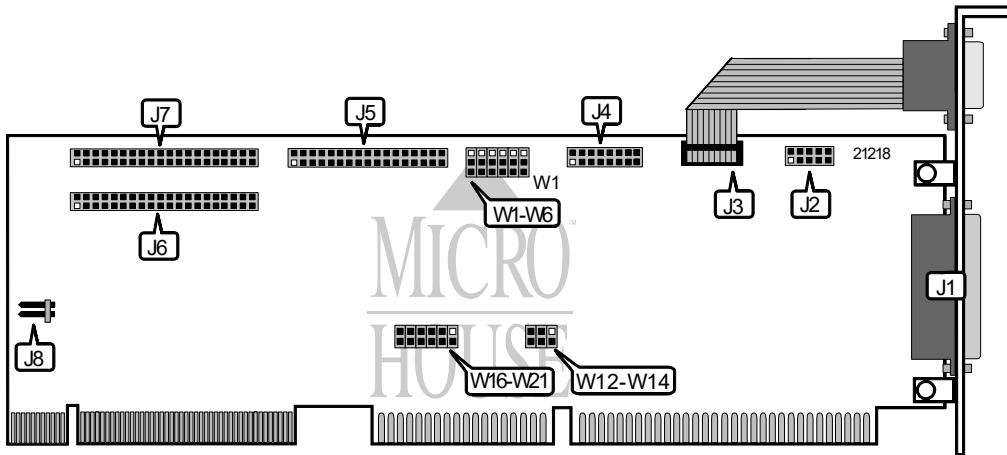


DATA TECHNOLOGY CORPORATION

DTC2278D+ (400537-89A)

Card Type	Hard drive controller card
Hard drives supported	Four IDE(AT) interface drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, 1.44MB drives
Data-bus	32-bit VESA Local Bus
Size	Full-length, half-height card



CONNECTIONS			
Function	Label	Function	Label
25-pin parallel port - external	J1	34-pin control cable connector - floppy drive	J5
10-pin serial port 2 - internal	J2	40-pin IDE(AT) secondary interface connector	J6
9-pin serial port 1 - external	J3	40-pin IDE(AT) primary interface connector	J7
16-pin game port - internal	J4	Drive active LED	J8

USER CONFIGURABLE CONNECTIONS			
Function	Location	Setting	
Game port enabled	W14	Closed	
Game port disabled	W14	Open	

SERIAL PORT 1 ADDRESS SELECTION			
Setting	W5	W6	
COM1 (3F8h)	Pins 1 & 2 closed	Pins 2 & 3 closed	
COM3 (3E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed	
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed	

SERIAL PORT 2 ADDRESS SELECTION			
Setting	W3	W4	
COM2 (2F8h)	Pins 1 & 2 closed	Pins 2 & 3 closed	
COM4 (2E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed	
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed	

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DATA TECHNOLOGY CORPORATION
DTC2278D+ (400537-89A)

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PARALLEL PORT ADDRESS SELECTION		
Setting	W1	W2
LPT1 (378h)	Pins 2 & 3 closed	Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W19	W20	W21
IRQ3	Open	Closed	Open
IRQ4	Open	Open	Closed
IRQ5	Closed	Open	Open

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W16	W17	W18
IRQ3	Open	Open	Closed
IRQ4	Open	Closed	Open
IRQ5	Closed	Open	Open

PARALLEL PORT INTERRUPT SELECTION		
IRQ	W12	W13
IRQ5	Closed	Open
IRQ7	Open	Closed

MISCELLANEOUS TECHNICAL NOTES
The parallel port on the DTC2278D+ only supports bidirectional mode.