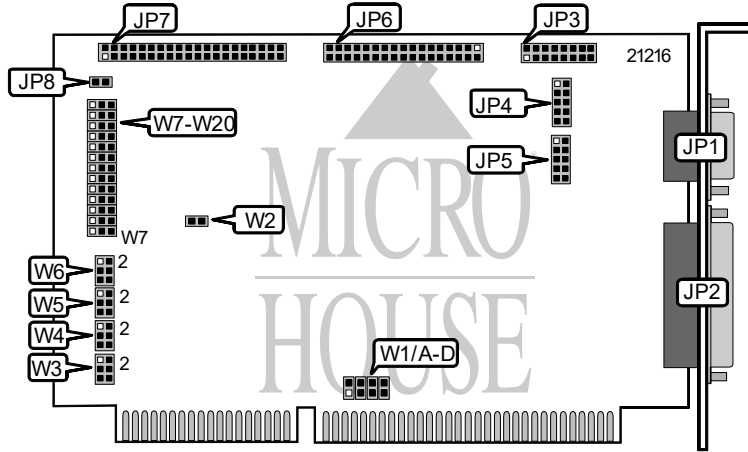


# DATA TECHNOLOGY CORPORATION

## DTC2280E (400572-898)

Data-bus  
 Hard drives supported  
 Floppy drives supported  
 Size

16-bit ISA  
 Two IDE(AT) interface drives  
 Two 360KB, 720KB, 1.2MB, 1.44MB drives  
 Half-length, full-height card



CONNECTIONS			
Function	Label	Function	Label
Unidentified	JP1	10-pin serial port 1 - internal	JP5
25-pin parallel port - external	JP2	34-pin control cable connector - floppy drive	JP6
16-pin game port - internal	JP3	40-pin IDE(AT) interface connector	JP7
10-pin serial port 2 - internal	JP4	Drive active LED	JP8

USER CONFIGURABLE CONNECTIONS		
Function	Location	Setting
i Factory configured - do not alter	W2	Unidentified
i Factory configured - do not alter	W3	Unidentified
i Game port enabled	W7	Pins 1 & 2 closed
Game port disabled	W7	Pins 2 & 3 closed
i Parallel port IRQ7 enabled	W9	Pins 2 & 3 closed
Parallel port IRQ5 enabled	W9	Pins 1 & 2 closed
i Serial port 2 enabled	W12	Pins 1 & 2 closed
Serial port 2 disabled	W12	Pins 2 & 3 closed
i Parallel port address is 378h (LPT1)	W13	Pins 1 & 2 closed
Parallel port address is 278h (LPT2)	W13	Pins 2 & 3 closed
i Serial port 2 address is 2F8h (COM2)	W14	Pins 1 & 2 closed
Serial port 2 address is 2E8h (COM4)	W14	Pins 2 & 3 closed
i Floppy drive interface enabled	W15	Pins 1 & 2 closed
Floppy drive interface disabled	W15	Pins 2 & 3 closed
i IDE(AT) interface enabled	W16	Pins 1 & 2 closed
IDE(AT) interface disabled	W16	Pins 2 & 3 closed
i Serial port 1 enabled	W17	Pins 1 & 2 closed
Serial port 1 disabled	W17	Pins 2 & 3 closed

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# DATA TECHNOLOGY CORPORATION

## DTC2280E (400572-898)

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CONNECTIONS (CONTINUED)		
Function	Location	Setting
Serial port 1 address is 3F8h (COM1)	W19	Pins 1 & 2 closed
Serial port 1 address is 3E8h (COM3)	W19	Pins 2 & 3 closed
IDE(AT) interface address 1F0 - 1F7h	W20	Pins 1 & 2 closed
IDE(AT) interface address 170 - 177h	W20	Pins 2 & 3 closed

SERIAL PORT 1 INTERRUPT SELECTION					
IRQ	W5/ pins 1 & 3	W5/ pins 2 & 4	W5/ pins 3 & 5	W5/ pins 4 & 6	W10
IRQ4	N/A	N/A	N/A	N/A	Pins 2 & 3 closed
IRQ5	N/A	N/A	N/A	N/A	Pins 1 & 2 closed
IRQ9	Closed	Open	Open	Open	Open
IRQ10	Open	Open	Closed	Open	Open
IRQ11	Open	Closed	Open	Open	Open
IRQ12	Open	Open	Open	Closed	Open

SERIAL PORT 2 INTERRUPT SELECTION					
IRQ	W4/ pins 1 & 3	W4/ pins 2 & 4	W4/ pins 3 & 5	W4/ pins 4 & 6	W8
IRQ3	N/A	N/A	N/A	N/A	Pins 2 & 3 closed
IRQ4	N/A	N/A	N/A	N/A	Pins 1 & 2 closed
IRQ9	Closed	Open	Open	Open	Open
IRQ10	Open	Open	Closed	Open	Open
IRQ11	Open	Closed	Open	Open	Open
IRQ12	Open	Open	Open	Closed	Open

IDE(AT) INTERRUPT SELECTION				
IRQ	W6/pins 1 & 3	W6/pins 2 & 4	W6/pins 3 & 5	W6/pins 4 & 6
IRQ11	Open	Open	Open	Closed
IRQ12	Open	Closed	Open	Open
IRQ14	Open	Open	Closed	Open
IRQ15	Closed	Open	Open	Open

DMA CHANNEL SELECTION				
Channel	W1/A	W1/B	W1/C	W1/D
1	Open	Open	Closed	Closed
3	Closed	Closed	Open	Open

PARALLEL PORT MODE SELECTION		
Setting	W11	W18
Bi-Directional /ECP	Pins 1 & 2 closed	Pins 2 & 3 closed
EPP	Pins 2 & 3 closed	Pins 1 & 2 closed
Uni-directional	Pins 1 & 2 closed	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed	Pins 2 & 3 closed