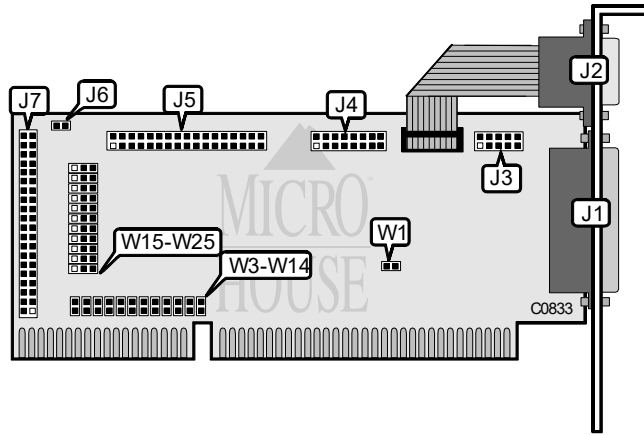


# DATA TECHNOLOGY CORPORATION DTC2280E (400521-89A)

Q4/95

Data bus: 16-bit ISA  
 Size: Half-length, half-height card  
 Hard drive supported: Two IDE(AT) or EIDE interface drives  
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, 1.44MB



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

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# DATA TECHNOLOGY CORPORATION

## DTC2280E

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Game port enabled	W1	closed
Game port disabled	W1	open
í Hard drive interrupt IRQ14 select	W15	pins 1 & 2 closed
Hard drive interrupt IRQ15 select	W15	pins 2 & 3 closed
í IDE(AT) interface address is 1F0h	W17	pins 1 & 2 closed
IDE(AT) interface address is 170h	W17	pins 2 & 3 closed
í IDE(AT) interface enabled	W18	pins 2 & 3 closed
IDE(AT) interface disabled	W18	pins 1 & 2 closed

SERIAL PORT 1 CONFIGURATION		
Port 1	W21	W22
í COM1	pins 1 & 2 closed	pins 2 & 3 closed
COM3	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 2 CONFIGURATION		
Port 2	W23	W24
í COM2	pins 1 & 2 closed	pins 2 & 3 closed
COM4	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

PARALLEL PORT ADDRESS CONFIGURATION		
LPT	W19	W20
í 1 (378h)	pins 2 & 3 closed	pins 1 & 2 closed
2 (278h)	pins 1 & 2 closed	pins 2 & 3 closed
3 (BCh)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 1 & 2 closed	pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W12	W13	W14
í IRQ4	open	open	closed
IRQ3	open	closed	open
IRQ5	closed	open	open

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W9	W10	W11
í IRQ3	open	open	closed
IRQ4	open	closed	open
IRQ5	closed	open	open

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PARALLEL PORT INTERRUPT SELECTION		
IRQ	W7	W8
7	open	closed
5	closed	open

PARALLEL PORT MODE CONFIGURATION		
MODE	W16	W25
Printer	pins 2 & 3 closed	pins 2 & 3 closed
ECP/EPP	pins 2 & 3 closed	pins 1 & 2 closed
EPP	pins 1 & 2 closed	pins 2 & 3 closed

Note: You must select a DMA channel when using ECP mode.

DMA SELECTION				
CHANNEL	W3	W4	W5	W6
1	closed	open	closed	open
3	open	closed	open	closed

MISCELLANEOUS TECHNICAL NOTES
The floppy controller is automatically configured: When a cable is attached, it is enabled, when no cable is attached it is disabled.