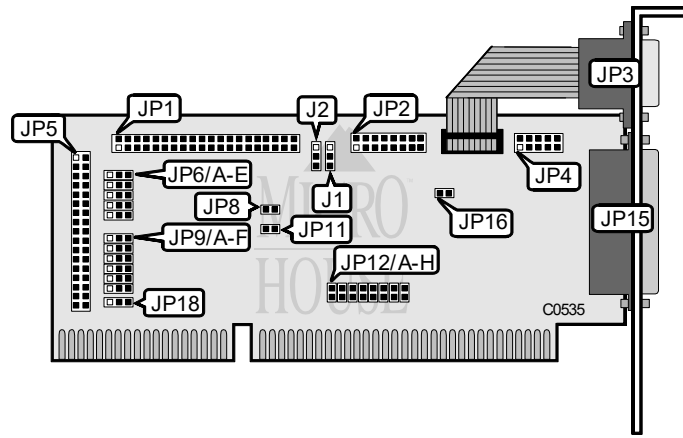


# DATA TECHNOLOGY CORPORATION DTC2280 (VER.2)

Q3/94

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



CONNECTIONS	
Function	Location
40-pin IDE(AT) interface connector	JP1
16-pin game port - internal	JP2
9-pin serial port 1 - external	JP3
10-pin serial port 2 - internal	JP4
34-pin control cable connector - floppy drive	JP5
2-pin connector - drive active LED	JP8
25-pin parallel port - external	JP15

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í AT bus IDEIOR mode enabled	J1	pins 2 & 3 closed
W83758P IDEIOR mode enabled	J1	pins 1 & 2 closed
í AT bus IDEIOW mode enabled	J2	pins 2 & 3 closed
W83758P IDEIOW mode enabled	J2	pins 1 & 2 closed
í Floppy drives A & B normal	JP6/A	pins 1 & 2 closed
Floppy drives A & B reversed	JP6/A	pins 2 & 3 closed

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USER CONFIGURABLE SETTINGS(CONTINUED)		
Function	Location	Setting
í Floppy drive interface address 3F0 - 3F7h	JP6/B	pins 2 & 3 closed
Floppy drive interface address 370 - 377h	JP6/B	pins 1 & 2 closed
í IDE(AT) interface enabled	JP6/C	pins 1 & 2 closed
IDE(AT) interface disabled	JP6/C	pins 2 & 3 closed
í IDE(AT) interface address 3F6, 3F7, 1F0 - 1F7h	JP6/D	pins 2 & 3 closed
IDE(AT) interface address 376, 377, 170 - 177h	JP6/D	pins 1 & 2 closed
í Floppy drive interface enabled	JP6/E	pins 1 & 2 closed
Floppy drive interface disabled	JP6/E	pins 2 & 3 closed
Parallel port is bi-directional	JP11	open
Parallel port is unidirectional	JP11	closed
í Game port enabled	JP16	closed
Game port disabled	JP16	open
í Hard drive interrupt is IRQ14	JP18	pins 1 & 2 closed
Hard drive interrupt is IRQ15	JP18	pins 2 & 3 closed

SERIAL PORT 1 CONFIGURATION		
Port 1	JP9/A	JP9/B
í COM1	pins 1 & 2 closed	pins 2 & 3 closed
COM3	pins 2 & 3 closed	pins 1 & 2 closed
COM4	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 CONFIGURATION		
Port 2	JP9/C	JP9/D
í COM2	pins 1 & 2 closed	pins 2 & 3 closed
COM3	pins 1 & 2 closed	pins 1 & 2 closed
COM4	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

PARALLEL PORT CONFIGURATION		
LPT	JP9/E	JP9/F
í 1 (378h)	pins 2 & 3 closed	pins 1 & 2 closed
2 (278h)	pins 1 & 2 closed	pins 2 & 3 closed
3 (BCh)	pins 1 & 2 closed	pins 1 & 2 closed
Disabled	pins 2 & 3 closed	pins 2 & 3 closed

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SERIAL PORT 1 INTERRUPT SELECT			
IRQ	JP12/A	JP12/B	JP12/C
í IRQ4	closed	open	open
IRQ3	open	closed	open
IRQ5	open	open	closed

SERIAL PORT 2 INTERRUPT SELECT			
IRQ	JP12/D	JP12/E	JP12/F
í IRQ3	closed	open	open
IRQ4	open	closed	open
IRQ5	open	open	closed

PARALLEL PORT INTERRUPT SELECT		
IRQ	JP12/G	JP12/H
í IRQ7	closed	open
IRQ5	open	closed