

DATA TECHNOLOGY CORPORATION

DTC6180, DTC6280



Data bus: 16-bit, ISA

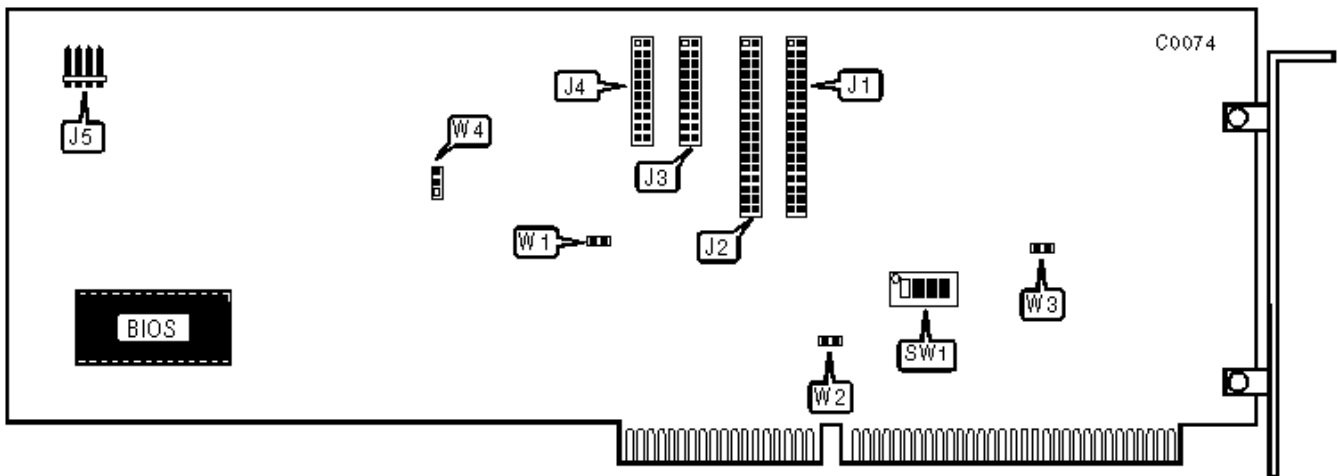
Size: Full-length, full-height card

Hard drives supported: Two RLL ESDI drive with 17, 32, or 60 sector mapping

Floppy drives supported: DTC6180: None

DTC6280: Two 360KB, 720KB, 1.2MB, 1.44MB

Sector interleave: 1:1



CONNECTIONS	
Function	Location
34 pin control cable connector-floppy drive (DTC6280 only)	J1
34-pin control cable connector-hard drive	J2
20-pin data cable connector-drive 0	J3

20-pin data cable connector-drive 1	J4
4-pin connector-drive active LED	J5

USER CONFIGURABLE SETTINGS - DTC6180			
Function		Location	Setting
»	Auto-deselect enabled	W1	closed
	Auto-deselect disabled	W1	open
»	Floppy Drive Changed Signal not driven	W2	open
	Floppy Drive Changed Signal driven low	W2	closed
»	Factory configured - do not alter	W3	closed
»	Initial interrupt enabled after reset	W4	pins 2 & 3 closed
	Initial interrupt disabled after reset	W4	pins 1 & 2 closed
»	Hard drive port address 1F0-1F7h and 3F2-3F7h	SW1/switch 1 & 2	off
	Hard drive port address 170-177h and 372-377h	SW1/switch 1 & 2	on
»	BIOS address C800h	SW1/switch 3	off
	BIOS address D800h	SW1/switch 3	on
»	BIOS enabled	SW1/switch 4	on

	BIOS disabled	SW1/switch 4	off
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USER CONFIGURABLE SETTINGS - DTC6280			
	Function	Location	Setting
»	Auto-deselect enabled	W1	closed
	Auto-deselect disabled	W1	open
»	Initial interrupt enabled after reset (DTC6180 only)	W4	pins 2 & 3 closed
	Initial interrupt disabled after reset (DTC6180 only)	W4	pins 1 & 2 closed
»	Hard drive port address 1F0-1F7h and 3F2-3F7h	SW1/switch 1 & 2	off
	Hard drive port address 170-177h and 372-377h	SW1/switch 1 & 2	on
»	BIOS address C800h	SW1/switch 3	off
	BIOS address D800h	SW1/switch 3	on
»	BIOS enabled	SW1/switch 4	on
	BIOS disabled	SW1/switch 4	off

FLOPPY DRIVE DTC6280			
	Drive	W2	W3
»	Floppy drive enabled	closed	open

	Floppy drive disabled	open	closed
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