

DATA TECHNOLOGY CORPORATION

DTC6180-15TX, DTC6280-15TX



Data bus: 16-bit, ISA

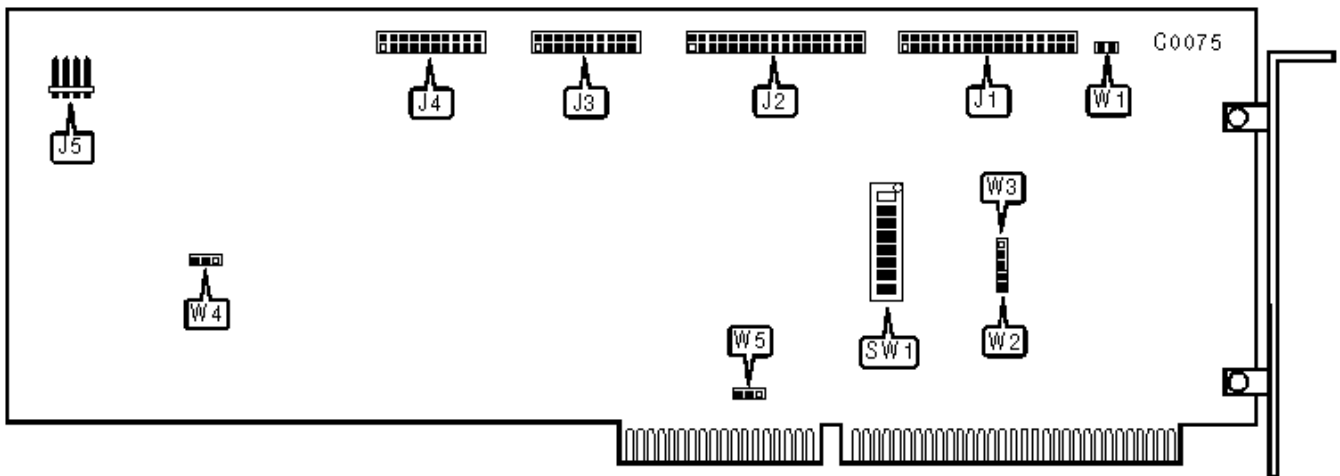
Size: Full-length, full-height card

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

Floppy drives supported: DTC6180-15TX: None

DTC6280-15TX: Four 360KB, 720KB, 1.2MB, 1.44MB

Sector interleave: 1:1



CONNECTIONS	
Function	Location
34-pin data cable connector-floppy drive (DTC6280-15TX 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 - DTC6X80-15TX			
Function		Location	Setting
»	Reserved for Floppy precomp	W1	open
»	Wait state disabled	W2	open
	Wait state enabled	W2	closed
»	BIOS SRAM is 8Kx8 (6264)	W3	pins 1 & 2 closed
	BIOS SRAM is 2Kx8 (6116) (Hard-wired)	W3	pins 2 & 3 closed
»	Track buffer size is 32Kx8 SRAM	W4	pins 1 & 2 closed
	Track buffer size is 8Kx8 SRAM	W4	pins 2 & 3 closed
»	Hard Drive Interrupt is IRQ14	W5	pins 1 & 2 closed
	Hard Drive Interrupt is IRQ15	W5	pins 2 & 3 closed

BIOS ADDRESS - DTC6180-15TX		
Address	SW1/switch 5	SW1/switch 6

»	C8000h	off	off
	D8000h	on	off
	D0000h	off	on
	D4000h	on	on

USER CONFIGURABLE SETTINGS - DTC6280-15TX			
	Function	Location	Setting
»	Floppy drive data transfer rate is 300Kb/s	SW1/switch 1	off
	Floppy drive data transfer rate is 250Kb/s	SW1/switch 1	on
»	PS/2-type floppy at Drive Select 2 not supported	SW1/switch 2	on
	PS/2-type floppy drive on Drive Select 2 supported	SW1/switch 2	off
»	Floppy drive enabled	SW1/switch 3	off
	Floppy drive disabled	SW1/switch 3	on
»	Hard drive port address 1F0-1F7h and floppy drive port address 3F2-3F7h	SW1/switch 4	off
	Hard drive port address 170-177h and floppy drive port address 372-377h	SW1/switch 4	on
»	Auto deselect enabled	SW1/switch 5	on
	Auto deselect disabled	SW1/switch 5	off

»	BIOS enabled	SW1/switch 6	on
	BIOS disabled	SW1/switch 6	off
»	Initial interrupt enabled after reset	SW1/switch 9	on
	Initial interrupt disabled after reset	SW1/switch 9	off
»	Track buffer enabled	SW1/switch 10	on
	Track buffer disabled	SW1/switch 10	off

BIOS ADDRESS - DTC6280-15TX		
Address	SW1/switch 7	SW1/switch 8
C8000h	off	off
D8000h	on	off
D0000h	off	on
D4000h	on	on