

DATA TECHNOLOGY CORPORATION

DTC6282-24

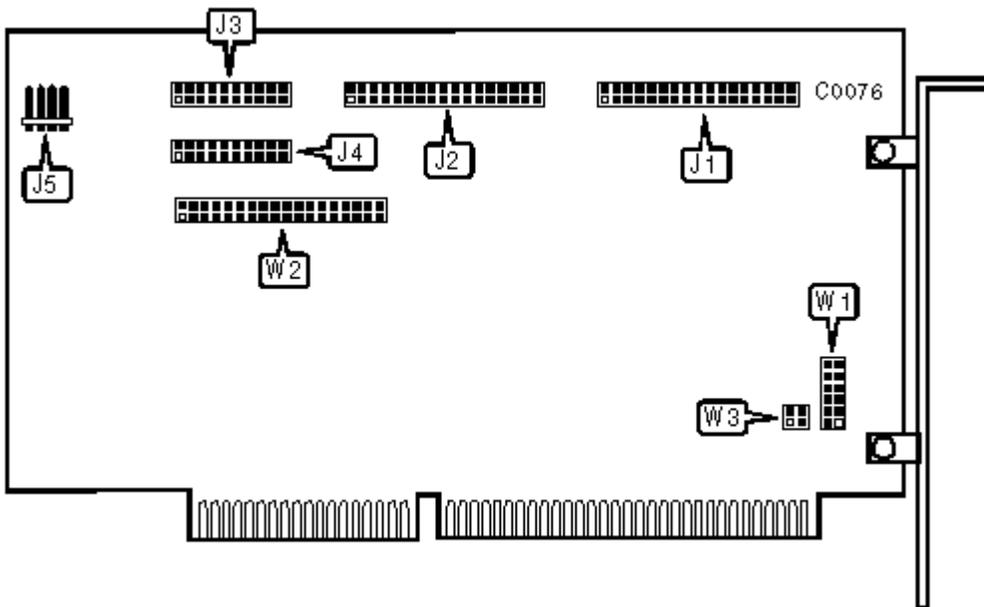


Data bus: 16-bit, ISA

Size: Half-length, full-height card

Hard drives supported: Two ESDI drives

Floppy drives supported: Four 360KB, 720KB, 1.2MB, or 1.44MB



CONNECTIONS	
Function	Location
34-pin data cable connector-floppy drive	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

BIOS ADDRESS		
Address	W1/jumper 1	W1/jumper 2
C800h	open	open
D000h	closed	open
D800h	open	closed
D400h	closed	closed

USER CONFIGURABLE SETTINGS			
	Function	Location	Setting
»	BIOS enabled	W1/jumper 3	closed
	BIOS disabled	W1/jumper 3	open
»	Initial interrupt enabled after reset	W1/jumper 4	closed

	Initial interrupt disabled after reset	W1/jumper 4	open
»	Floppy drive uses standard logic	W1/jumper 5	closed
	Floppy drive uses reverse logic	W1/jumper 5	open
»	Standard AT cable selected	W1/jumper 6	open
	IBM cable selected	W1/jumper 6	closed
»	Normal IRQ timing	W2/jumper 8	open
	IRQ delay (40 m)	W2/jumper 8	closed
»	Floppy drive enabled	W2/jumper 9	open
	Floppy drive disabled	W2/jumper 9	closed
»	Auto deselect disabled	W2/jumper 10	open
	Auto deselect enabled	W2/jumper 10	closed
»	Hard drive port address is 1F0-1F7h	W2/jumper 11	closed
	Hard drive port address is 170-177h	W2/jumper 11	open
»	Floppy drive precomp is scaled by data rate: 500KHz=125ns;300KHz=208ns; 250KHz=250ns	W3	pins 1 & 2 open

	Floppy drive precompensation is 125ns	W3	pins 1 & 2 closed
»	Single speed floppy drives	W3	pins 3 & 4 open
	Dual speed floppy drives	W3	pins 3 & 4 closed

INTERRUPT REQUEST			
	IRQ	W2/jumper 12	W2/jumper 13
»	Hard Drive Interrupt Request is IRQ14	open	closed
	Hard Drive Interrupt Request is IRQ15	closed	open

MISCELLANEOUS TECHNICAL NOTES
W2/jumpers 1 through 7, and W2/jumpers 14 through 18 are Not used.