DATA TECHNOLOGY CORPORATION
DTC2278E (400518-89A)

Data Bus	32-bit VESA Local Bus
Card Size	Three-quarter length, half-height card
Hard Drives supported	Four IDE (AT) or EIDE drives
Floppy drives supported	Two 360KB, 720KB, 1.2MB, or 1.44MB drives
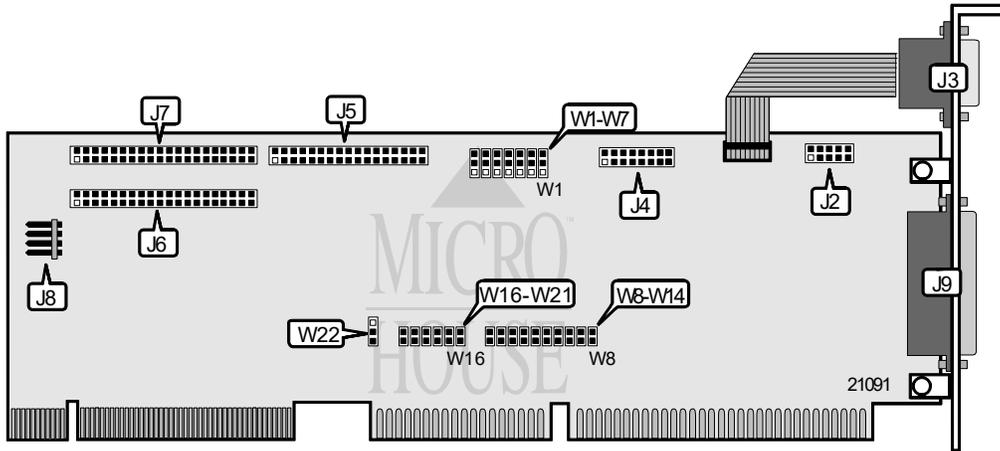
CONNECTIONS			
Function	Location	Function	Location
10-pin serial port 2 - internal	J2	40-pin secondary IDE(AT) connector	J6
9-pin serial port 1 - external	J3	40-pin primary IDE(AT) connector	J7
16-pin game port	J4	4-pin connector - drive active LED	J8
34-pin cable connector - floppy drive	J5	25-pin parallel port - external	J9

USER CONFIGURABLE SETTINGS		
Function	Label	Position
ſ Game port enabled	W14	Closed
Game port disabled	W14	Open

SERIAL PORT 1 ADDRESS SELECTION		
COM	W5	W6
ſCOM1 (3F8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM3 (3E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed
Notes: COM1 & COM3 are automatically configured to IRQ4. COM2 & COM4 are automatically configured to IRQ3.		

SERIAL PORT 2 ADDRESS SELECTION		
COM	W3	W4
ſCOM2 (2F8h)	Pins 1 & 2 closed	Pins 2 & 3 closed
COM4 (2E8h)	Pins 2 & 3 closed	Pins 1 & 2 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed
Notes: COM1 & COM3 are automatically configured to IRQ4. COM2 & COM4 are automatically configured to IRQ3.		

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PARALLEL PORT ADDRESS SELECTION		
LPT	W1	W2
í LPT1 (378h)	Pins 2 & 3 closed	Pins 1 & 2 closed
LPT2 (278h)	Pins 1 & 2 closed	Pins 2 & 3 closed
LPT3 (3BCh)	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

PARALLEL PORT MODE CONFIGURATION		
Mode	W7	W22
ECP	Pins 2 & 3 closed	Pins 1 & 2 closed
EPP	Pins 1 & 2 closed	Pins 2 & 3 closed
í Printer	Pins 2 & 3 closed	Pins 2 & 3 closed
Note: You must select a DMA channel when using ECP mode.		

DMA CONFIGURATION				
Mode	W8	W9	W10	W11
1	Closed	Open	Closed	Open
í 3	Open	Closed	Open	Closed

SERIAL PORT 1 INTERRUPT SELECTION			
IRQ	W19	W20	W21
IRQ3	Open	Closed	Open
íIRQ4	Open	Open	Closed
IRQ5	Closed	Open	Open

SERIAL PORT 2 INTERRUPT SELECTION			
IRQ	W16	W17	W18
íIRQ3	Open	Open	Closed
IRQ4	Open	Closed	Open
IRQ5	Closed	Open	Open

PARALLEL PORT INTERRUPT		
IRQ	W12	W13
íIRQ7	Open	Closed
IRQ5	Closed	Open

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