# DATA TECHNOLOGY CORPORATION
# DTC2278EB (400529-89A)
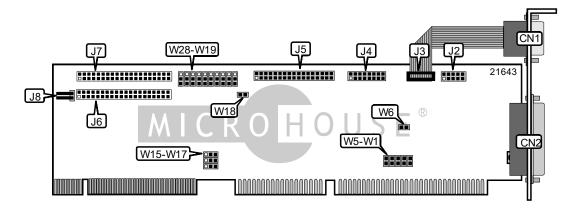
| | |
|---|---|
| Card Type | Hard drive controller card |
| Hard Drives supported | Four EIDE drives |
| Floppy drives supported | Two 360KB, 720KB, 1.2MB, or 1.44MB drives |
| Data Bus | 32-bit VESA Local Bus |
| Card Size | Full-length, half-height card |



| CONNECTIONS | | | |
|---|---|---|---|
| Function | Location | Function | Location |
| 25-pin parallel port - external | CN2 | 40-pin secondary IDE(AT) connector | J6 |
| 10-pin serial port 2 - internal | J2 | 40-pin primary IDE(AT) connector | J7 |
| 16-pin game port | J4 | 2-pin connector - drive active LED | J8 |
| 34-pin cable connector - floppy drive | J5 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Label | Position |
| í Game port enabled | W6 | Closed |
| Game port disabled | W6 | Open |

| ECP DMA CHANNEL SELECTION | | | | |
|---|---|---|---|---|
| Channel | W1 | W2 | W3 | W4 |
| 1 | Closed | Open | Closed | Open |
| 3 | Open | Closed | Open | Closed |

| PARALLEL PORT ADDRESS SELECTION | | |
|---|---|---|
| Setting | W19 | W20 |
| 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 |

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| SERIAL PORT 1 ADDRESS SELECTION | | |
|---|---|---|
| Setting | W23 | W24 |
| COM1 (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 |

| SERIAL PORT 2 ADDRESS SELECTION | | |
|---|---|---|
| Setting | W21 | W22 |
| COM2 (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 |

| BIOS ADDRESS SELECTION | | | |
|---|---|---|---|
| Address | W18 | W27 | W28 |
| DC000h | Closed | Pins 1 & 2 closed | Pins 1 & 2 closed |
| D8000h | Closed | Pins 1 & 2 closed | Pins 2 & 3 closed |
| CC000h | Closed | Pins 2 & 3 closed | Pins 1 & 2 closed |
| C8000h | Closed | Pins 2 & 3 closed | Pins 2 & 3 closed |
| Disabled | Open | Open | Open |

| SERIAL PORT 1 INTERRUPT SELECTION | | | |
|---|---|---|---|
| IRQ | W12 | W13 | W14 |
| IRQ4 | Open | Open | Closed |
| IRQ3 | Open | Closed | Open |
| IRQ5 | Closed | Open | Open |

| SERIAL PORT 2 INTERRUPT SELECTION | | | |
|---|---|---|---|
| IRQ | W9 | W10 | W11 |
| IRQ3 | Open | Open | Closed |
| IRQ4 | Open | Closed | Open |
| IRQ5 | Closed | Open | Open |

| PARALLEL PORT INTERRUPT SELECTION | | |
|---|---|---|
| IRQ | W7 | W8 |
| IRQ7 | Open | Closed |
| IRQ5 | Closed | Open |

| PARALLEL PORT MODE SELECTION | | |
|---|---|---|
| Setting | W15 | W16 |
| Uni-directional | Pins 2 & 3 closed | Pins 2 & 3 closed |
| ECP & EPP | Pins 1 & 2 closed | Pins 2 & 3 closed |
| EPP & Bi-Directional | Pins 2 & 3 closed | Pins 1 & 2 closed |
| Invalid | Pins 1 & 2 closed | Pins 1 & 2 closed |

| MISCELLANEOUS TECHNICAL NOTES |
|---|
| Floppy is automatically enabled when cable is attached |