# DEICO ELECTRONICS, INC.
# 3 8 6 C

| | |
|---|---|
| **Processor** | 80386DX |
| **Processor Speed** | 33/40MHz |
| **Chip Set** | Unidentified |
| **Max. Onboard DRAM** | 32MB |
| **Cache** | 32/64/128/256KB |
| **BIOS** | AMI |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | Floppy drive interface, IDE interface, parallel port, serial ports (2) |
| **NPU Options** | 80387DX |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| External battery | J1 | Power LED & keylock | J22 |
| Parallel port | J3 | Speaker | J23 |
| Serial port 2 | J5 | Turbo LED | J24 (pins 1 & 2) |
| Serial port 1 | J6 | Turbo switch | J24 (pins 3 & 4) |
| Floppy drive interface | J7 | Reset switch | J25 |
| IDE interface | J8 | IDE interface LED | J26 |
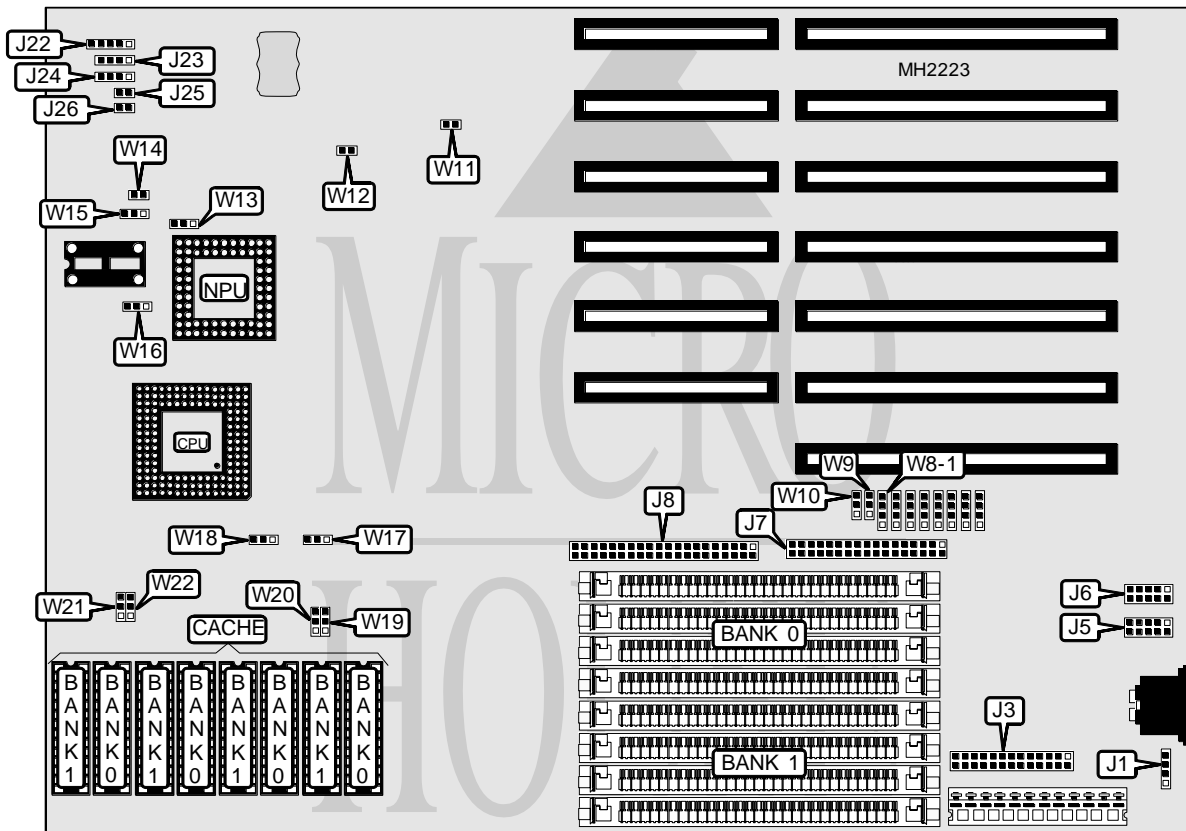
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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Floppy drive interface enabled | W9 | pins 1 & 2 closed |
| Floppy drive interface disabled | W9 | pins 2 & 3 closed |
| í  IDE interface enabled | W10 | pins 1 & 2 closed |
| IDE interface disabled | W10 | pins 2 & 3 closed |
| í  Factory configured - do not alter | W11 | Open |
| í  Monitor type select color | W12 | pins 1 & 2 closed |
| Monitor type select monochrome | W12 | pins 2 & 3 closed |
| í  Battery type select internal | W14 | pins 1 & 2 closed |
| Battery type select external | W14 | pins 2 & 3 closed |
| í  CMOS memory normal operation | W15 | pins 1 & 2 closed |
| CMOS memory clear | W15 | pins 2 & 3 closed |
| í  NPU synchronous with CPU | W16 | pins 2 & 3 closed |
| NPU asynchronous with CPU | W16 | pins 1 & 2 closed |

| DRAM CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 1MB | (4) 256K x 9 | NONE |
| 2MB | (4) 256K x 9 | (4) 256K x 9 |
| 4MB | (4) 1M x 9 | NONE |
| 5MB | (4) 256K x 9 | (4) 1M x 9 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 20MB | (4) 1M x 9 | (4) 4M x 9 |
| 20MB | (4) 4M x 9 | (4) 1M x 9 |
| 32MB | (4) 4M x 9 | (4) 4M x 9 |

| CACHE CONFIGURATION | | |
|---|---|---|
| Size | Bank 0 | Bank 1 |
| 32KB | (4) 8K x 8 | NONE |
| 64KB | (4) 8K x 8 | (4) 8K x 8 |
| 128KB | (4) 32K x 8 | NONE |
| 256KB | (4) 32K x 8 | (4) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | | | | |
|---|---|---|---|---|---|---|
| Size | W17 | W18 | W19 | W20 | W21 | W22 |
| 32KB | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 |
| 64KB | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 2 & 3 | 2 & 3 |
| 128KB | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | 2 & 3 | 2 & 3 |
| 256KB | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 |
| Note:    Pins designated should be in the closed position. | | | | | | |

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| CPU SPEED CONFIGURATION | | |
|---|---|---|
| CPU speed | Bus speed | W13 |
| 33/40MHz | 8/10MHz | pins 1 & 2 closed |
| 33/40MHz | 11/13MHz | pins 2 & 3 closed |

| PARALLEL PORT/IRQ CONFIGURATION | | | |
|---|---|---|---|
| Port | IRQ | W1 | W4 |
| LPT1 | IRQ7 | pins 1 & 2 closed | pins 1 & 2 closed |
| LPT2 | IRQ5 | pins 2 & 3 closed | pins 2 & 3 closed |
| Disabled | Disabled | pins 3 & 4 closed | pins 3 & 4 closed |

| SERIAL PORT CONFIGURATION | | | |
|---|---|---|---|
| Serial port | COM port | W2 | W3 |
| Port 1 | COM1 | pins 1 & 2 closed | N/A |
| Port 1 | COM3 | pins 2 & 3 closed | N/A |
| Port 2 | COM2 | N/A | pins 1 & 2 closed |
| Port 2 | COM4 | N/A | pins 2 & 3 closed |
| Disabled | Disabled | pins 3 & 4 closed | pins 3 & 4 closed |

| SERIAL PORT IRQ3 CONFIGURATION | | |
|---|---|---|
| Serial port | IRQ | W5 |
| Port 1 | IRQ3 | pins 2 & 3 closed |
| Port 2 | IRQ3 | pins 1 & 2 closed |
| Disabled | Disabled | pins 3 & 4 closed |

| SERIAL PORT IRQ4 CONFIGURATION | | |
|---|---|---|
| Serial port | IRQ | W6 |
| Port 1 | IRQ4 | pins 2 & 3 closed |
| Port 2 | IRQ4 | pins 1 & 2 closed |
| Disabled | Disabled | pins 3 & 4 closed |

| SERIAL PORT IRQ5 CONFIGURATION | | |
|---|---|---|
| Serial port | IRQ | W7 |
| Port 1 | IRQ5 | pins 2 & 3 closed |
| Port 2 | IRQ5 | pins 1 & 2 closed |
| Disabled | Disabled | pins 3 & 4 closed |

| SERIAL PORT IRQ9 CONFIGURATION | | |
|---|---|---|
| Serial port | IRQ | W8 |
| Port 1 | IRQ9 | pins 2 & 3 closed |
| Port 2 | IRQ9 | pins 1 & 2 closed |
| Disabled | Disabled | pins 3 & 4 closed |