# EVERSOURCE COMPUTERS, INC.
# E T E Q   8 0 3 8 6   3 3 / 4 0

| | |
|---|---|
| **Processor** | 80386DX |
| **Processor Speed** | 25/33/40MHz |
| **Chip Set** | ETEQ |
| **Max. Onboard DRAM** | 32MB |
| **Cache** | 32/64/128/256KB |
| **BIOS** | AMI |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | 32-bit external memory card |
| **NPU Options** | 80387/3167/3167 daughterboard |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| External battery | JP1 | Speaker | JP26 |
| Turbo LED | JP23 | Reset switch | JP27 |
| Turbo switch | JP24 | 32-bit external memory card | S1 |
| Power LED & keylock | JP25 | | |
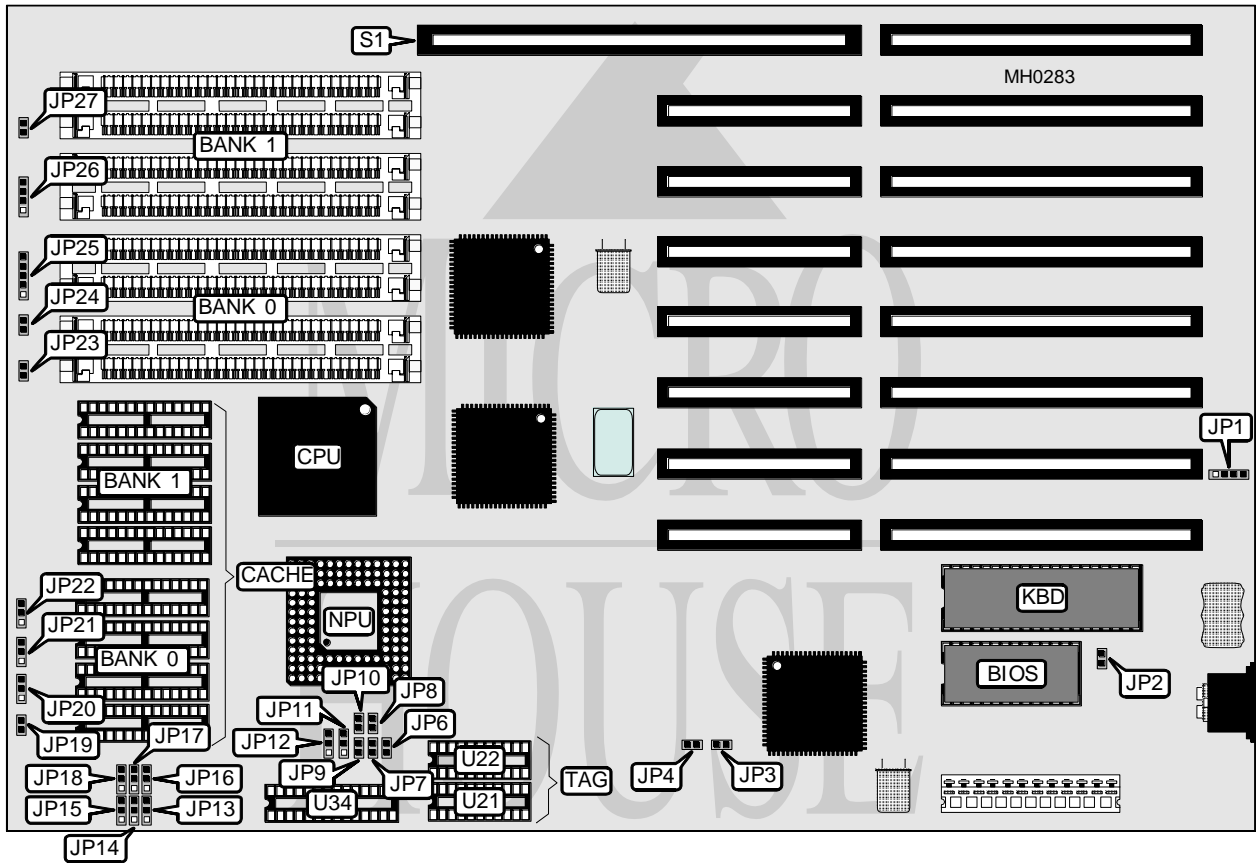
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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Battery select internal | JP1 | pins 2 & 3 closed |
| Battery select external | JP1 | Closed |
| í  Monitor type select monochrome | JP2 | Open |
| Monitor type select color | JP2 | 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 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 32MB | (4) 4M x 9 | (4) 4M x 9 |

| CACHE CONFIGURATION | | | | |
|---|---|---|---|---|
| Size | Bank 0 | Bank 1 | TAG (U21 & U22) | TAG (U34) |
| 32KB | (4) 8K x 8 | NONE | (2) 4K x 4 | NONE |
| 32KB | (4) 8K x 8 | NONE | (2) 16K x 4 | NONE |
| 64KB | (4) 8K x 8 | (4) 8K x 8 | (2) 4K x 4 | NONE |
| 64KB | (4) 8K x 8 | (4) 8K x 8 | (2) 16K x 4 | NONE |
| 128KB | (4) 32K x 8 | NONE | NONE | (1) 8K x 8 |
| 128KB | (4) 32K x 8 | NONE | (2) 16K x 4 | NONE |
| 256KB | (4) 32K x 8 | (4) 32K x 8 | (2) 16K x 4 | NONE |

| CACHE JUMPER CONFIGURATION | | | | | | |
|---|---|---|---|---|---|---|
| Size | JP6 | JP7 | JP8 | JP9 | JP10 | JP11 |
| 32KB | Open | Open | Open | Open | Closed | 1 & 2 |
| 32KB | Open | Open | Closed | Closed | Open | 1 & 2 |
| 64KB | Open | Open | Open | Closed | Open | 1 & 2 |
| 64KB | Open | Open | Closed | Closed | Open | 1 & 2 |
| 128KB | Closed | Open | Closed | Closed | Open | 1 & 2 |
| 128KB | Closed | Open | Closed | Closed | Open | 1 & 2 |
| 256KB | Closed | Closed | Open | Closed | Open | 2 & 3 |
| Notes:    Pins designated should be in the closed position. | | | | | | |

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| CACHE JUMPER CONFIGURATION (CON'T) | | | | | | |
|---|---|---|---|---|---|---|
| Size | JP12 | JP13 | JP14 | JP15 | JP16 | JP17 |
| 32KB | 2 & 3 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 2 & 3 |
| 32KB | 2 & 3 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 |
| 64KB | 1 & 2 | 2 & 3 | 1 & 2 | 1 & 2 | 2 & 3 | 2 & 3 |
| 64KB | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | 2 & 3 | 1 & 2 |
| 128KB | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 128KB | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| 256KB | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| Notes:    Pins designated should be in the closed position. | | | | | | |

| CACHE JUMPER CONFIGURATION (CON'T) | | | | | |
|---|---|---|---|---|---|
| Size | JP18 | JP19 | JP20 | JP21 | JP22 |
| 32KB | 1 & 2 | Open | 2 & 3 | 2 & 3 | 2 & 3 |
| 32KB | Open | Open | 2 & 3 | 2 & 3 | 2 & 3 |
| 64KB | Open | Open | 1 & 2 | 1 & 2 | 2 & 3 |
| 64KB | Open | Open | 2 & 3 | 1 & 2 | 2 & 3 |
| 128KB | 1 & 2 | Closed | 1 & 2 | 2 & 3 | 1 & 2 |
| 128KB | 1 & 2 | Closed | 2 & 3 | 2 & 3 | 1 & 2 |
| 256KB | Open | Closed | 1 & 2 | 1 & 2 | 2 & 3 |
| Notes:    Pins designated should be in the closed position. | | | | | |

| NPU CONFIGURATION | | |
|---|---|---|
| Setting | JP3 | JP4 |
| disabled | Open | Open |
| 80387 | Closed | Open |
| 3167 | Open | Closed |
| 80387 and 3167 on daughterboard | Closed | Closed |