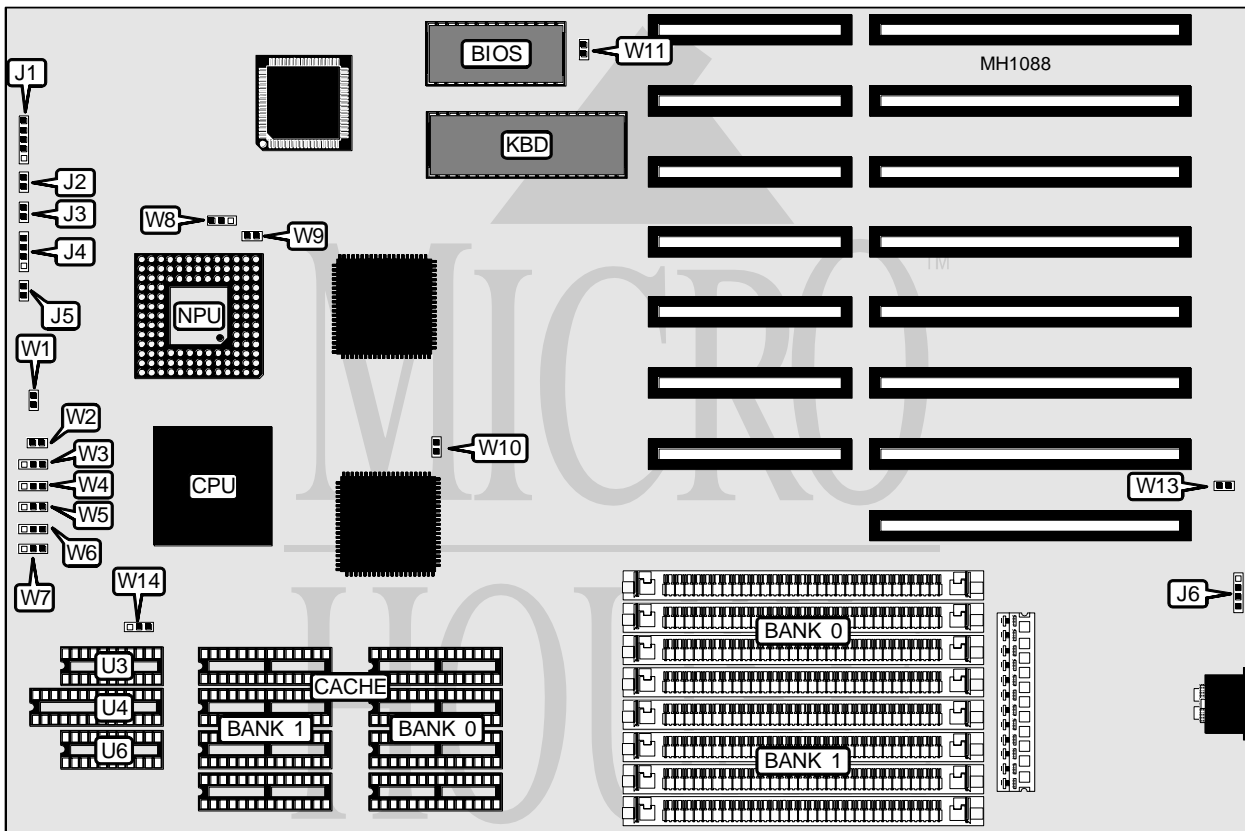


# ILON USA, INC.

## M - 3 1 9 B

|                          |                 |
|--------------------------|-----------------|
| <b>Processor</b>         | 80386DX         |
| <b>Processor Speed</b>   | 25/33/40MHz     |
| <b>Chip Set</b>          | PC CHIPS        |
| <b>Max. Onboard DRAM</b> | 32MB            |
| <b>Cache</b>             | 32/64/128/256KB |
| <b>BIOS</b>              | AMI             |
| <b>Dimensions</b>        | 330mm x 218mm   |
| <b>I/O Options</b>       | None            |
| <b>NPU Options</b>       | 80387/3167      |



| CONNECTIONS         |          |                  |          |
|---------------------|----------|------------------|----------|
| Purpose             | Location | Purpose          | Location |
| Power LED & keylock | J1       | Speaker          | J4       |
| Turbo switch        | J2       | Reset switch     | J5       |
| Turbo LED           | J3       | External battery | J6       |

Continued on next page . . .

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| USER CONFIGURABLE SETTINGS     |        |          |
|--------------------------------|--------|----------|
| Function                       | Jumper | Position |
| í Monitor type select color    | W11    | Closed   |
| Monitor type select monochrome | W11    | Open     |
| í Battery type select internal | W13    | Closed   |
| Battery type select external   | W13    | Open     |

| 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) 1M x 9   | (4) 256K 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   |
| 32MB               | (4) 4M x 9   | (4) 4M x 9   |

| CACHE CONFIGURATION |             |             |             |
|---------------------|-------------|-------------|-------------|
| Size                | Bank 0      | Bank 1      | TAG (U4)    |
| 32KB                | (4) 8K x 8  | Bank 0      | (1) 8K x 8  |
| 64KB                | (8) 8K x 8  | Banks 0 & 1 | (1) 8K x 8  |
| 128KB               | (4) 32K x 8 | Bank 0      | (1) 8K x 8  |
| 256KB               | (8) 32K x 8 | Banks 0 & 1 | (1) 32K x 8 |

Note: To cache main memory above 16MB, insert 1 16K x 4 into socket U3. For write-back cache mode, insert 1 16K x 4 SRAM into socket U6.

| CACHE JUMPER CONFIGURATION |       |       |       |       |       |       |
|----------------------------|-------|-------|-------|-------|-------|-------|
| Size                       | W3    | W4    | W5    | W6    | W7    | W14   |
| 32KB                       | 1 & 2 | 1 & 2 | 1 & 2 | 2 & 3 | Open  | 2 & 3 |
| 64KB                       | 2 & 3 | 1 & 2 | 1 & 2 | 1 & 2 | Open  | 1 & 2 |
| 128KB                      | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 1 & 2 |
| 256KB                      | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 |

Note: Pins designated should be in the closed position.

| NPU TYPE CONFIGURATION |        |        |
|------------------------|--------|--------|
| Setting                | W1     | W10    |
| Not installed          | Open   | Open   |
| Installed              | Closed | Closed |

| NPU TYPE CONFIGURATION |                   |        |
|------------------------|-------------------|--------|
| Setting                | W8                | W9     |
| Synchronous            | pins 2 & 3 closed | Closed |
| Asynchronous           | pins 1 & 2 closed | Open   |