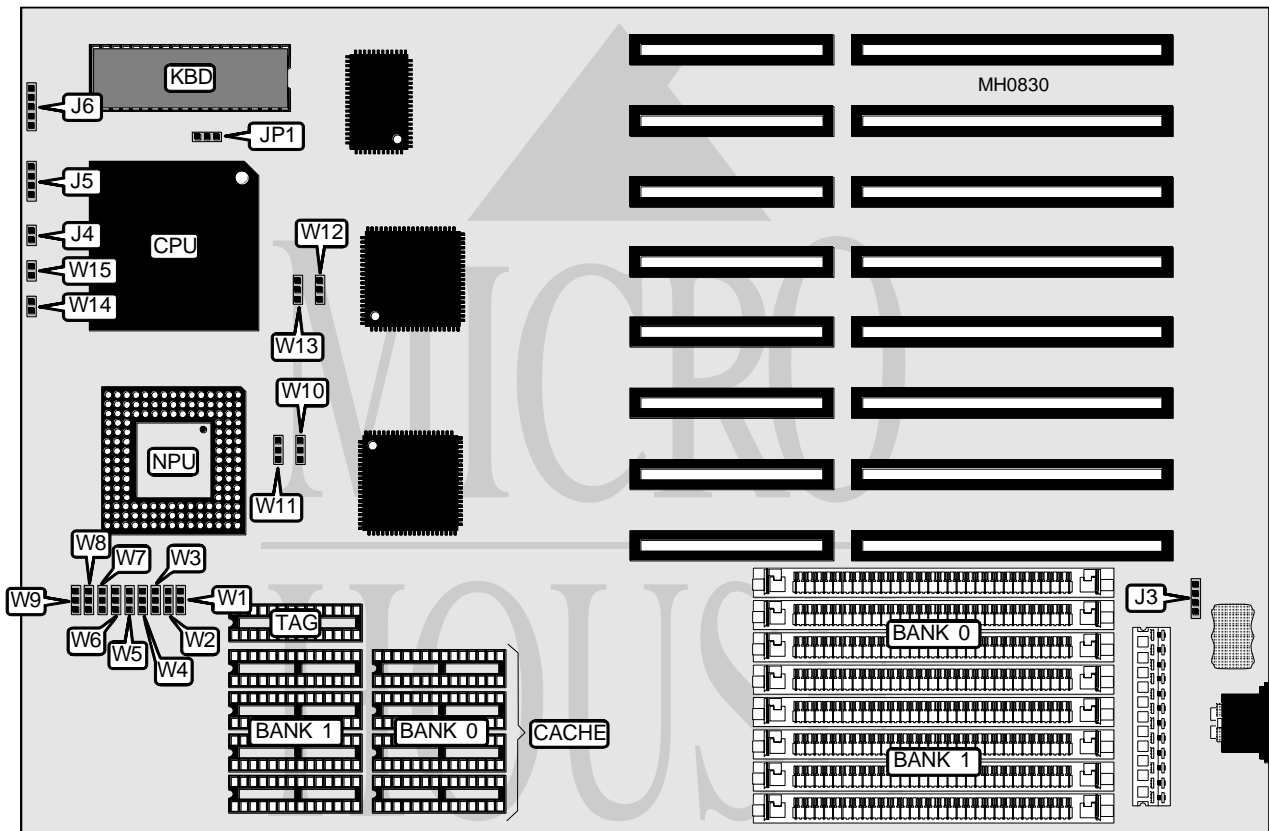


UNITRON COMPUTER, INC.

80486DX - 33/50

| | |
|--------------------------|---------------|
| Processor | 80486DX |
| Processor Speed | 33/50MHz |
| Chip Set | UMC |
| Max. Onboard DRAM | 32MB |
| Cache | 64/128/256KB |
| BIOS | Phoenix |
| Dimensions | 330mm x 218mm |
| I/O Options | None |
| NPU Options | 4167 |



| CONNECTIONS | | | |
|------------------|----------|---------------------|----------|
| Purpose | Location | Purpose | Location |
| External battery | J3 | Power LED & keylock | J6 |
| Turbo switch | J4 | Reset switch | W14 |
| Speaker | J5 | Turbo LED | W15 |

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UNITRON COMPUTER, INC.

80486DX - 33/50

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| USER CONFIGURABLE SETTINGS | | |
|--------------------------------|--------|-------------------|
| Function | Jumper | Position |
| í Monitor type select color | JP1 | pins 2 & 3 closed |
| Monitor type select monochrome | JP1 | 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) 1M x 9 | (4) 256K x 9 |
| 8MB | (4) 1M x 9 | (4) 1M x 9 |
| 16MB | (4) 4M x 9 | NONE |
| 17MB | (4) 4M x 9 | (4) 256K 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 | TAG |
| 64KB | (4) 8K x 8 | (4) 8K x 8 | (1) 8K x 8 |
| 128KB | (4) 32K x 8 | Bank 0 | (1) 8K x 8 |
| 256KB | (4) 32K x 8 | (4) 32K x 8 | (1) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | | | |
|----------------------------|-------|-------|-------|-------|-------|
| Size | W1 | W2 | W3 | W4 | W5 |
| 64KB | Open | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 |
| 128KB | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 |
| 256KB | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 1 & 2 |

Note: Pins designated should be in the closed position.

| CACHE JUMPER CONFIGURATION (CON'T) | | | | |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Size | W6 | W7 | W8 | W9 |
| 64KB | Open | Open | Open | Open |
| 128KB | pins 1 & 2 closed | Open | pins 2 & 3 closed | Open |
| 256KB | pins 1 & 2 closed | pins 1 & 2 closed | pins 2 & 3 closed | pins 2 & 3 closed |

| CPU TYPE CONFIGURATION | | | | |
|------------------------|-------------------|-------------------|-------------------|-------------------|
| Type | W10 | W11 | W12 | W13 |
| 80486SX | pins 2 & 3 closed | pins 2 & 3 closed | pins 2 & 3 closed | pins 2 & 3 closed |
| 80487SX | pins 2 & 3 closed | pins 2 & 3 closed | pins 1 & 2 closed | pins 1 & 2 closed |
| 80486DX | pins 1 & 2 closed | pins 1 & 2 closed | pins 1 & 2 closed | pins 1 & 2 closed |