# MICRONICS COMPUTERS, INC.
# M 6 M I

| | |
|---|---|
| **Processor** | Pentium Pro |
| **Processor Speed** | 150/166/180/200MHz |
| **Chip Set** | Intel |
| **Video Chip Set** | None |
| **Maximum Onboard Memory** | 384MB (EDO supported) |
| **Maximum Video Memory** | None |
| **Cache** | 512KB (on Pentium Pro CPU) |
| **BIOS** | Phoenix |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | 32-bit PCI slots (4), bus mouse port, CD-ROM audio input connector, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, VRM connector, USB connectors (2), microphone connector, audio line in connector, audio line out connector, external audio connector, wavetable connector, game/MIDI port |
| **NPU Options** | None |
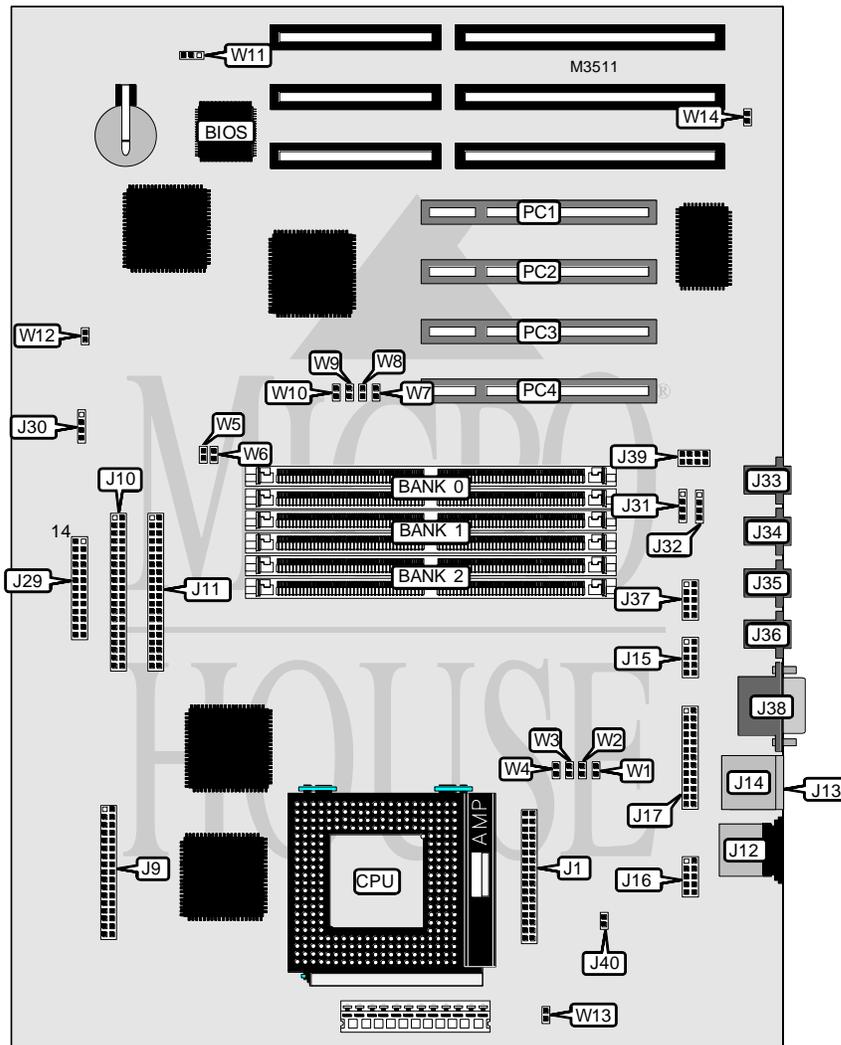


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| CONNECTIONS | | | |
|---|---|---|---|
| **Purpose** | **Location** | **Purpose** | **Location** |
| VRM connector | J1 | IDE interface LED | J29 pins 23 & 24 |
| Floppy drive interface | J9 | Turbo LED | J29 pins 25 & 26 |
| IDE interface 1 | J10 | IR connector | J30 |
| IDE interface 2 | J11 | CD-ROM audio connector | J31 |
| PS/2 mouse port | J12 | Modem connector | J32 |
| USB connector | J13 | Microphone in connector | J33 |
| USB connector | J14 | Audio line in connector | J34 |
| Serial port 2 | J15 | Audio line out connector | J35 |
| Serial port 1 | J16 | Speaker out connector | J36 |
| Parallel port | J17 | External audio connector | J37 |
| System power on/off connector | J29 pins 1 & 2 | Game/MIDI port | J38 |
| IR connector | J29 pins 6 - 10 | Wavetable connector | J39 |
| Reset switch | J29 pins 12 & 13 | Chassis fan power | J40 |
| Speaker | J29 pins 14 - 17 | 32-bit PCI slots | PC1 - PC4 |
| Power LED & keylock | J29 pins 18 - 22 | | |

| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| **Function** | **Label** | **Position** |
| í CMOS memory normal operation | W11 | Pins 1 & 2 closed |
| CMOS memory clear | W11 | Pins 2 & 3 closed |
| í Factory configured - do not alter (AT bus clock select) | W12 | Closed |
| í Factory configured - do not alter (system power supply enabled) | W13 | Open |
| í Internal sound enabled | W14 | Open |
| Internal sound disabled | W14 | Closed |

| DRAM CONFIGURATION | | | |
|---|---|---|---|
| **Size** | **Bank 0** | **Bank 1** | **Bank 2** |
| 8MB | (2) 1M x 36 | None | None |
| 16MB | (2) 1M x 36 | (2) 1M x 36 | None |
| 16MB | (2) 2M x 36 | None | None |
| 24MB | (2) 2M x 36 | (2) 1M x 36 | None |
| 24MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 32MB | (2) 4M x 36 | None | None |
| 32MB | (2) 2M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 40MB | (2) 2M x 36 | (2) 2M x 36 | (2) 1M x 36 |
| 40MB | (2) 4M x 36 | (2) 1M x 36 | None |
| 48MB | (2) 2M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 48MB | (2) 4M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 48MB | (2) 4M x 36 | (2) 2M x 36 | None |
| 56MB | (2) 4M x 36 | (2) 2M x 36 | (2) 1M x 36 |
| 64MB | (2) 4M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 64MB | (2) 4M x 36 | (2) 4M x 36 | None |

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| DRAM CONFIGURATION (CON'T) | | | |
|---|---|---|---|
| **Size** | **Bank 0** | **Bank 1** | **Bank 2** |
| 64MB | (2) 8M x 36 | None | None |
| 72MB | (2) 4M x 36 | (2) 4M x 36 | (2) 1M x 36 |
| 72MB | (2) 8M x 36 | (2) 1M x 36 | None |
| 80MB | (2) 4M x 36 | (2) 4M x 36 | (2) 2M x 36 |
| 80MB | (2) 8M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 80MB | (2) 8M x 36 | (2) 2M x 36 | None |
| 96MB | (2) 8M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 96MB | (2) 4M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 96MB | (2) 8M x 36 | (2) 4M x 36 | None |
| 128MB | (2) 8M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 128MB | (2) 8M x 36 | (2) 8M x 36 | None |
| 128MB | (2) 16M x 36 | None | None |
| 160MB | (2) 8M x 36 | (2) 8M x 36 | (2) 4M x 36 |
| 160MB | (2) 16M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 160MB | (2) 16M x 36 | (2) 4M x 36 | None |
| 192MB | (2) 8M x 36 | (2) 8M x 36 | (2) 8M x 36 |
| 192MB | (2) 16M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 192MB | (2) 16M x 36 | (2) 8M x 36 | None |
| 256MB | (2) 16M x 36 | (2) 8M x 36 | (2) 8M x 36 |
| 256MB | (2) 16M x 36 | (2) 16M x 36 | None |
| 384MB | (2) 16M x 36 | (2) 16M x 36 | (2) 16M x 36 |
| Note:    Board accepts EDO memory.  Board also accepts x 32 SIMMs. | | | |

| CACHE CONFIGURATION |
|---|
| Note:  512KB cache is located on the Pentium Pro CPU. |

| CPU SPEED SELECTION | | | | | | |
|---|---|---|---|---|---|---|
| **Speed** | **W5** | **W6** | **W7** | **W8** | **W9** | **W10** |
| 150MHz | Closed | Open | Closed | Closed | Closed | Open |
| 166MHz | Open | Closed | Closed | Closed | Closed | Open |
| 180MHz | Closed | Open | Closed | Closed | Open | Closed |
| 200MHz | Open | Closed | Closed | Closed | Open | Closed |

| CPU VOLTAGE SELECTION | | | | |
|---|---|---|---|---|
| **Voltage** | **W1** | **W2** | **W3** | **W4** |
| VID enabled | Open | Open | Open | Open |
| Non VID 2.9v | Closed | Open | Open | Closed |
| Non VID 3.1v | Closed | Open | Closed | Closed |
| Non VID 3.3v | Closed | Closed | Open | Closed |