

1 Introduction

Congratulations for choosing the Micronics M4Li! The M4Li is a 486-based system board designed to be the foundation for advanced personal computers or workstations.

The M4Li is an integrated system board featuring PCI Local Bus architecture and a Mode 3 IDE controller. The PCI architecture provides high performance for Graphical User Interfaces (GUIs) and peripherals which perform high speed data transfers, such as disks and multimedia.

The M4Li's advanced power management features makes it a "**Green Board**" which means it adheres to the Environmental Protection Agency's strict Energy Star efficiency guidelines. See Chapter 4 for information and instructions on how to set up the "Green Section" of the BIOS.

Micronics builds all products to exacting standards, using the highest quality components available. We are proud to provide this system board and hope it brings you years of reliable service.

Features

- ⌘ SIS 496/497 chipset with an external level 2 cache controller.
- ⌘ Mini-AT size system board (8.5" X 9.5").
- ⌘ L2 Write-back cache support (0K, 128K, 256K, or 512K).
- ⌘ Supports up to 128MB of on-board system memory.
- ⌘ Three PCI, three 16-bit ISA, and one shared slot.
- ⌘ PCI Mode 3 IDE controller (supports four drives).
- ⌘ Floppy controller (2.88, 1.44MB, 1.2MB, 720K, and 360K floppy drives).
- ⌘ Two high speed NS16550 compatible serial ports.
- ⌘ Bi-directional parallel port which is EPP and ECP compatible.
- ⌘ Upgradeable Phoenix Flash BIOS.
- ⌘ Supports the following processors:
 - 486SX, 25 or 33MHz
 - 486SX2, 50MHz
 - 486DX, 33MHz
 - 486DX2, 50, 66, or 80MHz
 - 486DX4, 75 or 100MHz (with optional power module)

Software Compatibility

The M4Li system board has been thoroughly tested for compatibility with a variety of operating systems and environments, including:

- ⌘ Windows, Windows NT, and Windows 95.
- ⌘ OS/2.
- ⌘ SCO UNIX and Open Desktop.
- ⌘ Novell NetWare.
- ⌘ MS-DOS and PC-DOS.