

The Most Advanced Pentium Pro Dual-Processor Solution Available for High-Performance, High Capacity Servers and Workstations

The Micronics M6Me is the market's highest performing advanced dual processor solution for the industry's most demanding workstation and server applications. Based on Intel's 440FX chipset, this board supports the most advanced processor architecture, the Pentium Pro, which provides the speed and performance necessary to address the most intensive computational applications. Integrated Ultra Wide SCSI PCI throughput (up to 40MB/s transfer rate), 64-bit ISA video, PCI and EISA slots, and up to 512K of Level 2 cache on the CPU, make this board the most powerful and feature rich product of its kind on the market today. Designed to fit into the standard AT form factor, the flexible M6Me also features support for Fast Page Mode (FPM), Extended Data Out (EDO) DRAM advanced memory, and Error Checking and Correction (ECC) via the chipset. Pentium Pro processor support ranges from 166 to 200 MHz with a voltage regulator module supplying CPU-specific voltages.

Specifications:

Processors:

- Dual ZIF socket 8 for Intel® Pentium® Pro 166 - 200MHz
- Two VRM headers to supply CPU-specific voltages

Expansion:

- Three 32-bit PCI slots
- Six 32-bit EISA slots
(one is a shared PCI/EISA slot)

CPU Clock Select:

- Frequency synthesizer chip for easy CPU clock selection
- Support for 60, 66 MHz CPU bus, with configuration options to support CPU operation from 166 - 200MHz

Chipset:

- Intel 440FX PCIset
- Intel PCEB/ESC EISA Bridge
- SMC FDC37C93X Ultra I/O chip

Memory:

- Eight 32/36-bit 72-pin SIMM sockets
- Maximum memory 1 GB
- Supports FPM and EDO DRAM memory
- ECC supported via chipset (36-bit SIMM)

Cache:

- 16K Level 1 Write Back on CPU chip
- 256K/512K Level 2 Cache in CPU package

Floppy:

- Supports 360K to 2.88MB formats
- Auto detection of add-in floppy controllers

PCI (Local Bus) IDE

- Mode 0 ISA IDE
- One Resident 40 pin IDE connector (Secondary IDE)
- Auto detection of add-in IDE board
- Multiple sector transfer support

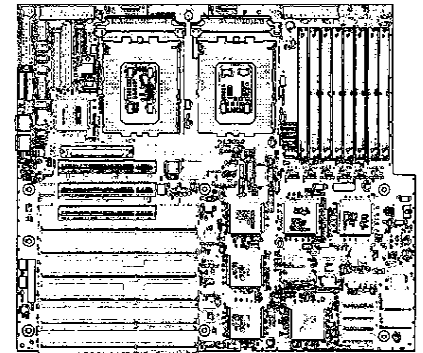
Ultra Wide SCSI (Manufacturing Option):

- Adaptec 7880 Fast/Wide/Ultra SCSI
- Resident 50-pin SCSI connector
- Resident 68-pin SCSI connector

Communication Ports:

- 2 On-board 16550 compatible serial ports
- 1 On-board parallel port with ECP and EPP support

- Dual Pentium Pro 166 to 200MHz Processors
- Ultra Wide SCSI
- Supports EDO Memory and ECC
- Based on Intel 440FX PCIset



PENTIUM PRO PROCESSOR PCI LOCAL BUS SERIES

Graphics (Manufacturing Option):

- Cirrus Logic 5436 64-bit graphics accelerator with 1MB frame buffer (expandable to 2MB)
- Video cable with VGA monitor connector

BIOS:

- Phoenix 4.0X BIOS
- PCI auto configuration
- Plug and Play ready
- Auto detection of memory size
- Auto detection & display of ECC & EDO memory
- Auto configuration of IDE hard disk types

Keyboard and Mouse:

- Standard AT style DIN keyboard connector
- Optional PS/2 style keyboard/mouse connectors

Form Factor:

- Standard AT footprint (12 x 13.8 inches)
- 3.3V AT Power Supply required
- Six Layer Board

Quality Commitment:

The continuously evolving technology of the computer industry demands the highest level of quality, reliability and compatibility.

The M6Me is extensively tested for compatibility under various operating systems, including: OS/2™ Warp, NOVELL, SCO®, UNIX®, ODT, Windows 95™ & NT™, MS-DOS™ versions 5.0, 6.2 and PC-DOS.



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