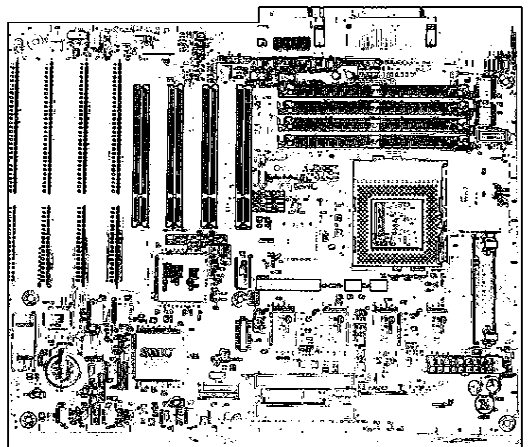


M7S-Hi *System Board*

PENTIUM® PROCESSOR PCI LOCAL BUS SERIES

- *Designed for ATX Form Factor*
- *Features EDO Memory and USB Support*
- *Supports Pentium 75 to 200MHz Processors*
- *Based on Intel 430HX PCiset*



Providing the Latest Technology for Desktop Workstation Solutions.

The Micronics M7S-Hi provides the latest enhancements in system board technology for the world's most advanced workstation applications. Based on the newest chipset technology, the Intel 430HX, the board provides enhanced PCI throughput and performance as well as support of Universal Serial Bus (USB), a feature expected to have a profound impact on personal computers. Designed to fit into the most modern ATX form factor, the M7S-Hi also features 16K on-chip Level 1 Write Back cache and up to 512K pipelined burst Level 2 cache. Processor support ranges from the fastest Intel 200MHz Pentiums down to the least expensive 75MHz units. The board's flexibility is augmented by its support for Error Checking and Correction (ECC) and Extended Data Out (EDO) DRAM advanced memory. Manufacturing options include a 16-bit stereo sound solution.

M7S-II System Board

Specifications:

Processors:

- Single ZIF socket 7 for Intel Pentium™ 75 - 200MHz and Pentium Overdrive™ processors.
- Pentium Processor w/MMX™ - 166-200MHz (VRM required)

Expansion:

- Four 32-bit PCI slots
- Four 16-bit ISA slots
- One is a shared PCI/ISA slot

CPU Clock Select:

- Frequency synthesizer chip for easy CPU clock selection.
- Support for 60 and 66MHz CPU bus

Chipset:

- Intel 430HX PCIset
- Intel PIIX 3
- SMC FDC37C93X Ultra I/O chip

Memory:

- Four 32/36-bit 72-pin SIMM sockets
- Maximum memory: 512MB
- Supports FPM and EDO DRAM memory
- ECC supported via chipset (36-bit SIMM)

Cache:

- 16K On-chip Level 1 Write Back
- Up to 512K pipelined burst Level 2 cache (soldered onboard)

PCI (Local Bus) IDE:

- Mode 4 Enhanced IDE with Bus Mastering
- Two Resident 40 pin IDE connectors (Primary and Secondary IDE)
- Auto detection of add-in IDE board
- Multiple sector transfer support

Floppy:

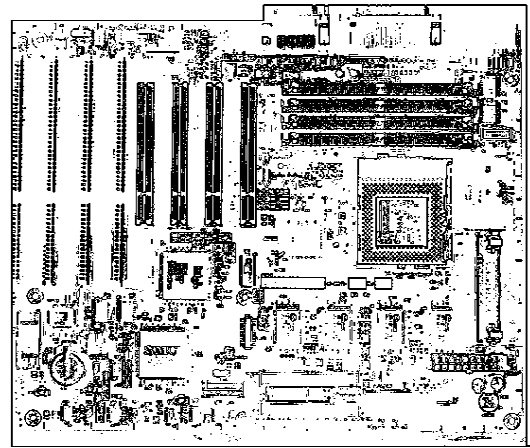
- Supports 360K to 2.88MB formats
- Auto detection of add-in floppy controllers

Communication Ports:

- 2 On-board 16550 compatible serial ports
- 1 On-board parallel port with ECP and EPP support
- Support for IrDA, HP-SIR and ASK-IR
- 2 USB ports (optional)

Keyboard and Mouse:

- Standard PS/2 style keyboard/mouse connectors



PENTIUM PROCESSOR PCI LOCAL BUS SERIES

Sound (Manufacturing Option):

- Creative Labs VIBRA 16C Sound
- Sound Blaster Compatible 16-bit Stereo
- Input/Output, Game and MIDI ports
- Telephony header

BIOS:

- Phoenix 4.0X BIOS on 1MB Flash (2MB with USB)
- PCI auto configuration
- "Plug and Play" ready
- Auto detection of memory size
- Auto detection and display of ECC and EDO memory
- Auto configuration of IDE hard disk types
- Soft Power Down

Form factor:

- ATX footprint (12" x 9.6")
- Four Layer Board

Quality Commitment:

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

The M7S-II 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.



MICRONICS

World Headquarters:

Micronics Computers, Inc.
45365 Northport Loop West
Fremont, CA 94538-6417
Telephone (510) 651-2300
Telefax (510) 651-5612
www.micronics.com

Micronics/Orchid (Europe)
Unit 34 Woodbank Business Village
Coronation Road, Basingstoke
Hampshire, RG21 4JX
United Kingdom

Micronics/Orchid (Germany)
Landshener Strasse 408
D 81211 Munich
Germany

Micronics Computers, Inc. (Benelux)
Vestruweg 7
NL-3821 BK Amersfoort
Netherlands

Micronics Computers, Inc. (Taiwan)
7F, NO. 3, Lane 235
Pao Chiao Road
Hsienlin City, Taipei Hsien
Taiwan, R.O.C.

Specifications are subject to change without notice. Micronics and the Micronics logo, seal and names are trademarks of Micronics Computers, Inc. All other trademarks are the property of their respective owners.

© 1997 Micronics Computers, Inc. Printed in U.S.A.
WP 4/97-8K