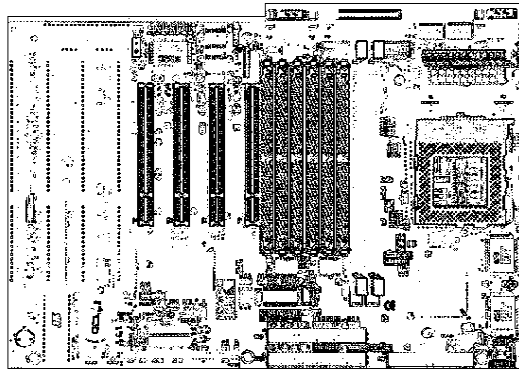


Twister *System Board*

PENTIUM® PROCESSOR PCI LOCAL BUS SERIES

- *Designed for Mini-ATX Form Factor*
- *Features SDRAM Memory and USB Support*
- *Supports Pentium, AMD and Cyrix Processors*
- *Based on Intel 430TX PCiset*



Providing the Latest Technology for Desktop Workstation Solutions.

The Twister system board forms the basis of a cost effective yet versatile, high-performance desktop workstation solution. Rich with onboard features, Twister is based on the latest Intel 430TX core logic PCI chip set, that supports the latest advanced processor architecture with MMX™ Technology, as well as support of Universal Serial Bus (USB), Ultra DMA/33 IDE hard drive protocol (up to 33Mbytes/sec transfer rate), concurrent PCI, and Advanced Configuration Power Interface (ACPI). The board provides exceptional performance with support of Intel's Pentium and Pentium with MMX™, Cyrix's 6x86, and AMD's AMD-K5 and AMD-K6 processors. Designed to fit into the mini-ATX form factor, the Twister also features 16K on-chip Level 1 Write Back cache and 512K pipelined burst Level 2 cache.

Twister System Board

Specifications:

Processors:

- Single ZIF socket 7
- Intel Pentium™
- Intel Pentium™ Processor w/MMX™
- Cyrix™ 6x86 166+
- AMD-K5™ and AMD-K6™
- Integrated VRM

Expansion:

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

CPU Clock Select:

- Support for 50, 60 and 66MHz CPU bus speed configurations

Chipset:

- Intel 430TX PClset
- Intel PIIX 4
- SMC FDC37C66xIR Ultra I/O chip

Memory

- Six 72-pin SIMM sockets
- Two 3.3V unbuffered 168-pin DIMM sockets
- Maximum memory: 256MB
- Supports FPM, EDO and SDRAM memory

Cache:

- 256K or 512K Pipelined Burst L2 cache soldered onboard

PCI (Local Bus) IDE:

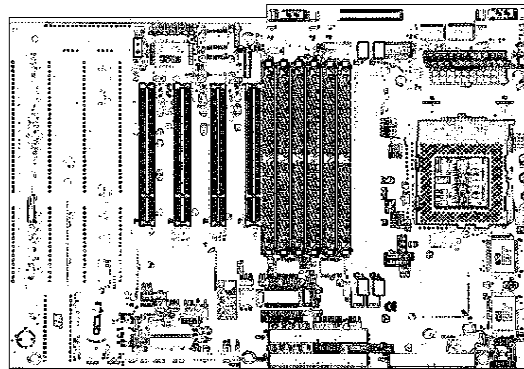
- Ultra DMA/33 IDE
- Mode 4 Enhanced IDE with Bus Mastering
- Two 40-pin IDE connectors (Primary and Secondary IDE)
- Auto detection of add-in IDE board
- Multiple sector transfer support

Floppy:

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

Communication Ports:

- Two 9-pin 16550 compatible serial ports
- One 25-pin parallel port (ECP, EPP)
- IrDA compliant IR header
- Two USB ports via cable with bracket



PENTIUM PROCESSOR PCI LOCAL BUS SERIES

Keyboard and Mouse:

- PS/2 style keyboard & mouse connectors

BIOS:

- Award BIOS
- PCI auto configuration
- "Plug and Play" ready
- APM 1.2
- Auto detection of memory size
- Auto detection and display of EDO and SDRAM memory
- Auto configuration of IDE hard disk types
- Soft Power Down
- Multi-boot
- DMI

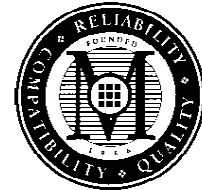
Form factor:

- Mini-ATX footprint (12" x 8.2")
- Four Layer Board
- 20-pin ATX power connector
- 12-pin AT power connector

Quality Commitment:

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

The Twister 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

MicronicsOrchid (Europe)
Unit 3/4 Woodlands Business Village
Coronation Road, Basingstoke
Hampshire, RG21 4JX
United Kingdom

MicronicsOrchid (Germany)
Landsberger Strasse 408
D-81241 Munich
Germany

Micronics Computers, Inc. (Belgium)
Fortrouweg 7
St. 3821 BK Amersfoort
Netherlands

Micronics Computers, Inc. (Taiwan)
7F, No. 3, Lane 235
Pao Chiao Road
Hsinien 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