Twister *System Board*

- **Designed for Mini-ATX Form Factor**
- **Features SDRAM Memory and USB Support**
- **Supports Pentium, AMD and Cyrix Processors**
- **Based on Intel 430TX PCIset**
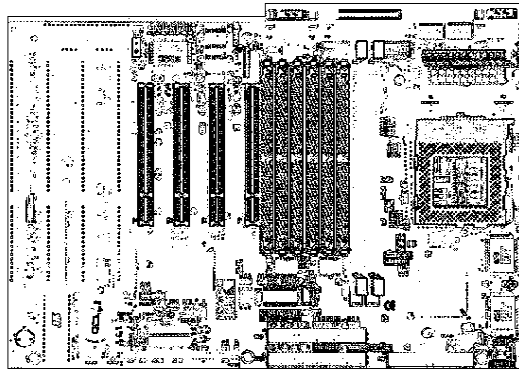
Providing the Latest Technology for Desktop Workstation Solutions.

The Twister system board forms the basis of a cost effective yet versatile, high-performance desktop work-station 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.

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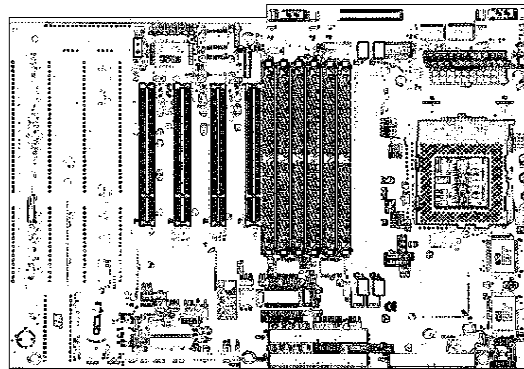
PCI (Local Bus) IDE:
- Ultra DMA/33 IDE
- Mode 4 Enhanced IDE with Bus Mastering
- Two 40-pin IDE connectors (Primary and Secondary IDE)
- Auto detection of add-in IDE board
- Multiple sector transfer support

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

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
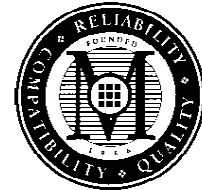- Soft Power Down
- Multi-boot
- DMI

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.

PENTIUM PROCESSOR PCI LOCAL BUS SERIES

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Printed on Recycled Paper with Soy Inks.