Stingray *System Board*

- *Designed for Mini-ATX Form Factor*
- *Features EDO Memory and USB Support*
- *Supports Pentium II 233/266/300MHz Processor*
- *Based on Intel 440FX PClset*
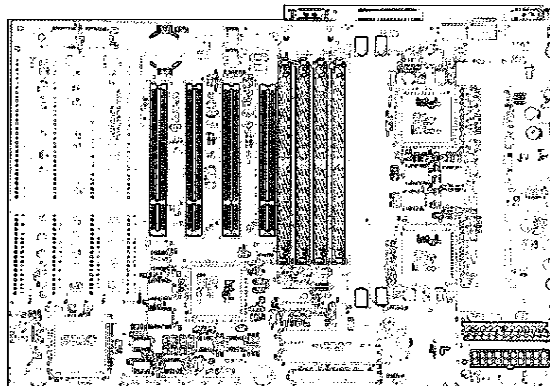
The state-of-the-art desktop workstation system

The Stingray system board showcases the most advanced microprocessor technology in the industry, Intel's Pentium® II (processor-on-a-cartridge). Based on the Intel 440FX chipset, Stingray provides integrated MMX™ Technology, 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 Stingray also supports both SIMM and DIMM main memory modules. Processor support ranges from 233MHz up to the fastest units. The board's flexibility is augmented by its support for Extended Data Out (EDO) and Burst Extended Data Out (BEDO) DRAM advanced memory, and Error Checking and Correction (ECC).

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Stingray System Board

Specifications:

Processors:
- Single Intel Slot 1™
- Intel Pentium® II chip 233/266/300MHz
- 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 60 and 66MHz CPU bus speed configurations

Chipset:
- Intel 440FX PCIset
- Intel PIIX 3
- SMC FDC37C932 Ultra I/O chip

Memory:
- Four 72-pin SIMM sockets and two 3.3V unbuffered 64-bit 168-pin DIMM sockets
- Maximum memory: 1GB
- Supports FPM, BEDO and EDO memory
- ECC supported via chipset

Cache:
- 256K or 512K Level 2 in CPU package

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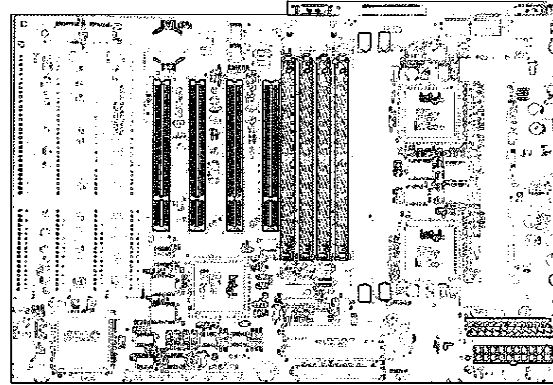- Multiple sector transfer support

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

PENTIUM II PROCESSOR PCI LOCAL BUS SERIES

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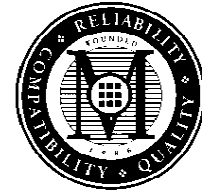- Soft Power Down
- Multi-boot
- DMI

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 Stingray 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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