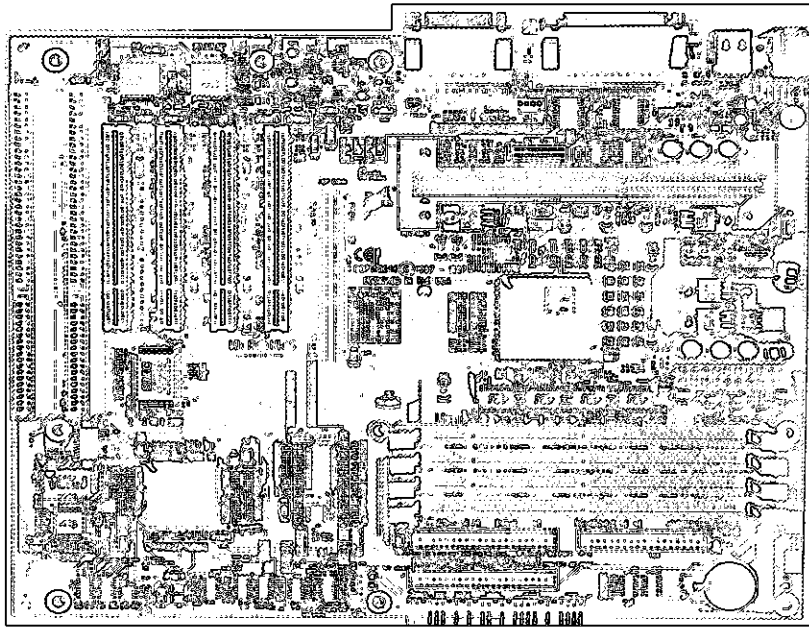


Tigercat *System Board*

PENTIUM® II PROCESSOR PCI LOCAL BUS SERIES

- *Designed for ATX Form Factor*
- *Based on Intel 440LX PCIsset*
- *Support for the ISA, PCI and AGP bus*
- *Features SDRAM memory support*



A powerful, full-featured Pentium® II desktop solution

The Tigercat is a single state-of-the-art Intel Pentium® II solution with processors running at speeds of 233 up to 333MHz. Based on the Intel 440LX PCIsset, Tigercat provides LM78 Microprocessor System Hardware Monitor support and Ultra DMA/33 IDE hard drive protocol (up to 33MBytes/sec transfer rate) support. Tigercat's flexibility is augmented by its support for the ISA, PCI, and AGP (Accelerated Graphics Port) bus. The AGP bus slot has greater bandwidth capacity, which provides a higher data transfer rate than the PCI bus. Other features include SDRAM (Synchronous Dynamic RAM) memory and Wake-On-Lan, which provides a way to access a local-area or wide-area network to turn on desktop PCs remotely. Manufacturing options include 16-bit Yamaha sound with wavetable synthesis.

Tigercat System Board

Specifications:

Processors:

- Single Intel Slot 1™
- Intel Pentium® II chip 233/266/300/333MHz
- Integrated VRM

System Management:

- Microprocessor System Hardware Monitor
 - CPU temperature sensor
 - CPU Fan Speed Monitoring 3-pin header
 - Chassis Intrusion 2-pin header
 - Chassis Fan Speed Monitoring 3-pin header
- Intel LANdesk™ Client Manager software (Ver. 3.0)
- Wake On LAN ready (3-pin header)

Expansion:

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

CPU Clock Select:

- Support for 66MHz CPU bus speed configurations

Chipset:

- Intel 440LX PCIset
- Intel PIIX 4
- SMC FDC37C68x Ultra I/O chip

Memory:

- Four 3.3V unbuffered 64/72-bit 168-pin DIMM sockets
- Maximum memory 512 MB for SDRAM
- Maximum memory: 1GB for EDO
- Supports EDO and SDRAM memory
- ECC supported via chipset

PCI (Local Bus) IDE:

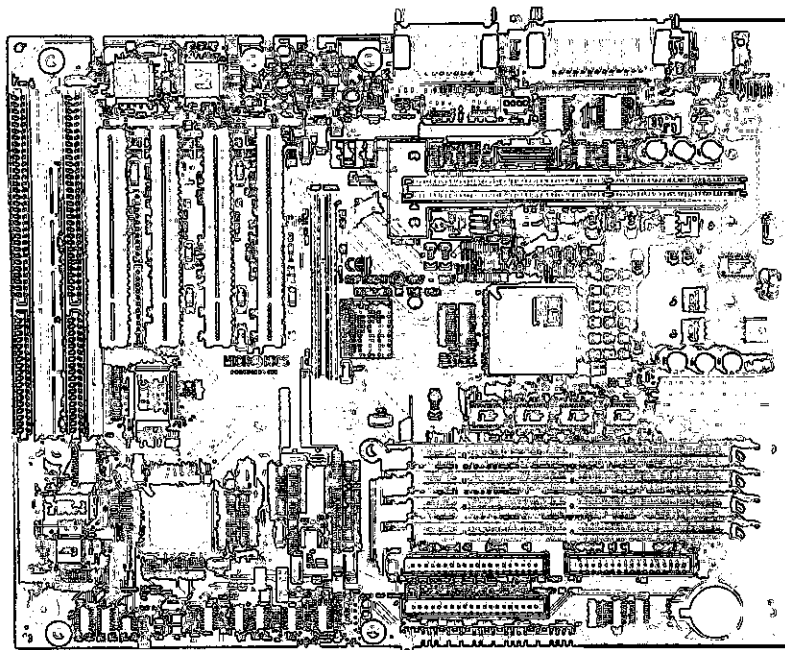
- Ultra DMA/33 IDE
- Two 40-pin IDE connectors (Primary and Secondary IDE)
- Auto detection of add-in IDE board
- Supports ATAPI devices
- Multiple sector transfer support

Floppy:

- Supports 360K to 2.88MB formats
- LS-120
- Auto detection of add-in floppy controllers

Sound (Manufacturing Option):

- Yamaha OPL3 and OPL4
- Sound Blaster™ Compatible 16-bit Stereo
- Line-in, Line-out, Mic, and Game/MIDI ports
- 4-pin CD-ROM audio header (ATAPI & SB)
- 4-pin modem audio header (ATAPI)
- 4-pin Line-in header (ATAPI)
- Built-in Wavetable (Yamaha OPL4ML)
- Sound drivers (DOS, Win 95/NT, OS/2)



PENTIUM II PROCESSOR PCI LOCAL BUS SERIES

Communication Ports:

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

Keyboard and Mouse:

- PS/2 style keyboard & mouse connectors

BIOS:

- Phoenix 4.06 BIOS on 2MB Flash
- PCI auto configuration
- "Plug and Play" ready
- APM 1.2
- Auto detection of memory size
- Auto detection and display of EDO, ECC, and SDRAM memory
- Auto configuration of IDE hard disk types
- Soft Power Down
- Multi-boot II
- DMI/SMI/ACPI
- Wake on LAN

Form factor:

- ATX footprint (12" x 9.6")
- Four Layer Board
- 20-pin ATX power connector
- Stack mouse/keyboard connectors
- Stack 3-output audio/game port connectors
- Stack serials/parallel connectors

Quality Commitment:

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

The Tigercat 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

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