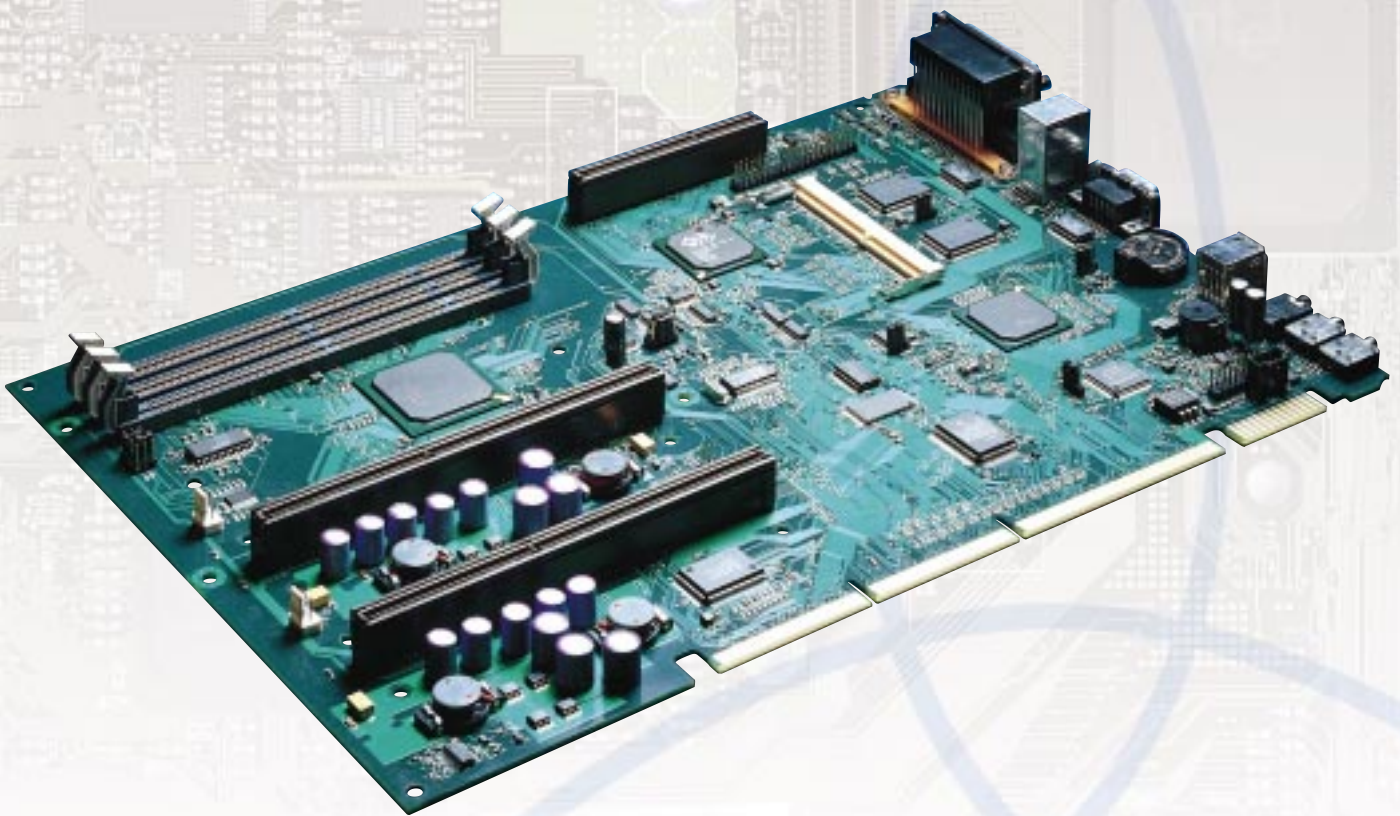# TRIMOND™
MOTHERBOARDS

TRIMOND™
TC440 NLX

**Dual Pentium® II and Pentium® III
440BX PCI/ISA Motherboard**

- Intel 440BX PCIset
- ATI Rage Pro 2X AGP
- ESS Solo1 PCI audio
- PC100 SDRAM
- UltraDMA/33
- Basic PC-98

- ACPI
- USB
- Wake on LAN
- Lid removal detect security
- Heceta II hardware instrumentation

Processor

- Dual Slot 1 for Pentium® II, Pentium® III, 100MHz FSB

Chipset

- 440BX PCIset
- PIIX4e PCI/ISA Bridge
- IOAPIC

Cache

- L2 cache included on CPU module

Memory

- Three DIMM sockets to accept 168-pin SDRAM modules
- 64-bit or 72-bit ECC with 1-bit correct, 2-bit detect
- 100MHz SDRAM

Video

- ATI Rage Pro 2X AGP
- 4MB SGRAM upgradable to 8MB via SODIMM socket
- AGP 2X slot

Business Audio

- ESS Solo1 PCI audio
- Compatible with SoundBlaster, SoundBlaster Pro and Windows Sound System
- MIDI/joystick interface via header

Security

- Lid removal detect

Power Management

- ACPI, WOL, PME, APM

System Management

- Hardware monitoring of voltage, temperature and system fan via Heceta II

Expansion

- AGP 2X slot
- PCI 2.1 compatible riser connector
- Riser card support for 4 PCI bus master slots, 5 ISA slots

IDE

- Dual UltraDMA/33 interface for hard disk and ATAPI CD-ROM

Floppy

- Supports standard 3.5" and 120MB floppy drives
- 3 mode support

Universal Serial Bus

- Dual rear USB connectors or single rear / single riser connectors

Serial / Parallel Ports

- IEEE1284 EPP / ECP parallel port and dual 16550 / FIFO 9-way serial ports

Keyboard and Mouse Ports

- PS/2 keyboard and mouse ports

BIOS

- PhoenixBIOS 4.0 Rel 6.1
- Basic Microsoft PC-98 compliant
- Plug and Play, DMI 2.1

PCB

- NLX form factor, 9.0 x 13.6"

Battery

- Lithium coin cell (5 years typical operating life)

Quality

- Designed and manufactured to ISO 9001 quality standards

Safety Compliance

- Evaluated in accordance with UL1950, EN60950 and IEC950

EMC Compliance

- Evaluated in accordance with EN55022, EN50082-1 and FCC Part 15 Class B (DOC)

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