TRIMOND™
PH440 NLX

Pentium® II and Pentium® III 440BX PCI/ISA Motherboard
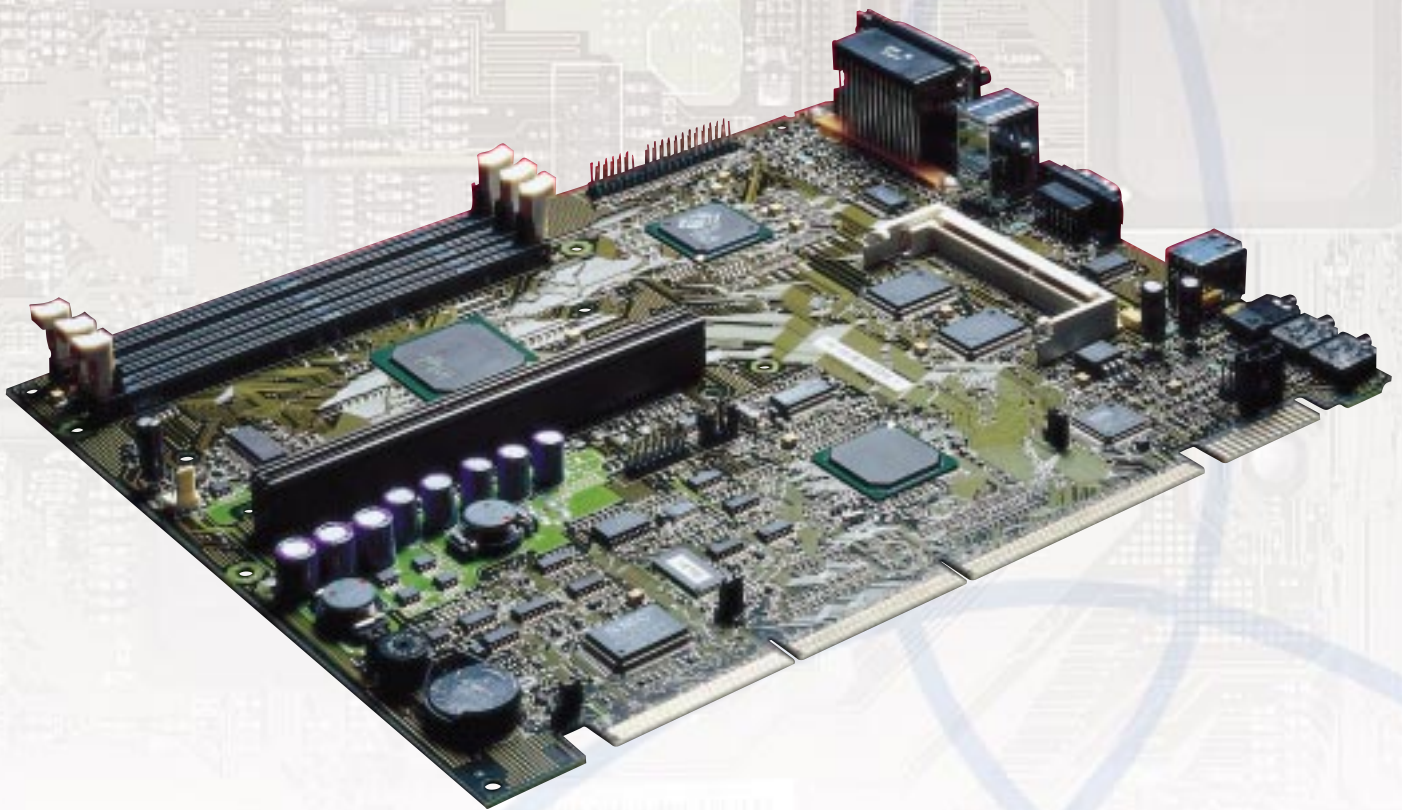
- Intel 440BX PCIset
- ATI Rage IIc AGP or Rage Pro 2X AGP
- ESS Solo1 PCI audio
- PC100 SDRAM
- UltraDMA/33
- Basic PC-98

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

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

Chipset
- 440BX PCIset
- PIIX4e PCI/ISA Bridge

Cache
- L2 cache included on Pentium® II 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 IIc AGP or ATI Rage Pro 2X AGP
- 2MB SGRAM
- 4MB SGRAM upgradable to 8MB via SODIMM socket

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 fans via Heceta II

Expansion
- Riser card support for up to 4 PCI bus master slots, 5 ISA slots
- PCI 2.1 compatible riser connector

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

Floppy
- Supports standard 3.5" and 120MB floppy drive
- 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 11.2"

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)