Model: AM-646ZX/-S

Intel® 440ZX Chipset ATX Motherboard

Technical Specifications

Processor

- Intel® Pentium II® (66/100MHz Front Side Bus).
- 233/266/300/333/350/400/450/500MHz.

Chip Set

- Intel® 440ZX.

BIOS

- 2M Flash EPROM (Support PnP, APM, ACPI, ATAPI, DMI).
- IDE AUTO LBA Mode Supports HDDs over 8.4GB.
- Anti-Virus Protection.

Cache

- L2 Cache is CPU Built-in.

Memory

- Size up to 256MB.
- Two 168-pins DIMMs (64bit).
- DIMMs Depth of 1MB, 2MB, 4MB, 8MB, 16MB and 32MB.

On Board I/O

- Support Two PCI Enhanced IDEs PIO Mode 3, Mode 4 and Ultra DMA 33 HDDs.Twin Headers for Four IDE Devices Including IDE HDDs and CD ROMs.
- Support Two FDDs of 360KB, 720KB, 1.2MB, 1.44MB or 2.88MB.
- One ECP/EPP Parallel Port.

- Two 16550A UART Serial Ports.
- Two USB Ports.
- PS/2 Mouse Port.
- PS/2 Keyboard Port.

On Board Sound (Optional)
- Creative VIBRA 16XV.
- PnP, Creative 3D Enhancement, Wave Synth Wave Table.
- Full-Duplex, Sound Blaster 16 Compatible.
- Line-in, Line-out, Mic-in and MIDI/Game Port.

Hardware Monitoring (Opional)
- LM79/75, Voltage, Temperature, Fan Speed Monitoring, CPU Over Heat
Protection.

Expansion Slot
- Three ISA Bus Slots (One PCI Shared Slot).
- Three PCI Bus Slots (One ISA Shared Slot).
- One Accelerated Graphics Port (AGP).

Plug and Play
- Plug and Play Specification 1.1.
- Plug and Play for DOS®, Windows® 3.x, and Windows® 95.

PC97/98
- PC97/98 Ready.

Power Management
- Support SMM, APM and ACPI.
- Comply to Energy Star "Green PC" Program.
- Support WAKE-ON-LAN (WOL).
- Support Modem Ring-in Wake Up.

PCI
- PCI 2.1 Compliant.

AGP
- AGP V1.0

VRM
- On Board VRM 8.2.

Battery
- On-board Lithium Battery.

Others
- Creative SB-link Support
- CPU Speed Jumperless.
- Keyboard Password Wake-up.
- Alarm Wake-up.

Board Size
- 173mm x 305mm, ATX Form Factor.