



Model: AM-946

VIA® Apollo Pro+ Chipset ATX Motherboard



[BIOS Upgrade](#)

Technical Specifications

Processor

- Intel® Pentium® II/III & Celeron® (66/100Mhz Front Side Bus) .
- 233/266/300/333/350/366/400/433/450/466/500MHz or above.

Chip Set

- VIA® APOLLO PRO+.

BIOS

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

External Cache

- L2 Cache is CPU Built-in.

Memory

- Size up to 768MB.
- Three 168-pins DIMMs.
- 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 Channels (Optional Ultra DMA 66 & Ultra DMA 66 Cable). Twin Headers for Four IDE Devices Including IDE HDDs and CDROMs.
- 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 ES1373 PCI Sound Chip.
- PnP, Creative 3D Enhancement, Wave Synth Wave Table.
- Full-Duplex, Sound Blaster 16 Compatible.

- Line-in, Line-out, Mic-in and MIDI/Game Port.

Expansion Slots

- Two ISA Bus Slots (One PCI Shared Slot).
 - Five PCI Bus Slots.
- 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, PC99 Color Connector.

Power Management

- Support SMM, APM and ACPI.
- Comply to Energy Star “Green PC” Program.
 - Supports WAKE-ON-LAN (WOL).
 - Supports 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

- CPU Frequency Multiplier Jumperless (Optional).
 - Alarm Wake-up

Board Size

- 173mm x 305mm, ATX Form Factor.

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