



Model: AM-689

VIA® Apollo Pro+ Chipset Micro ATX Motherboard



[BIOS_Upgrade_\(8/99\)](#)

Technical Specifications

Processor

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

Chip Set

- VIA® Apollo Pro+.

BIOS

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

Cache

- L2 Cache is CPU Built-in.

Memory

- Up to 768MB.
- Three 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 (Optional)

- Voltage, Temperature, Fan Speed Monitoring, CPU Over Heat Protection.

Expansion Slot

- One 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.
- 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.

Board Size

- 175mm x 244mm, Micro ATX Form Factor.

All brand names and registered trademarks mentioned are property of their owners
