Model: AM-947
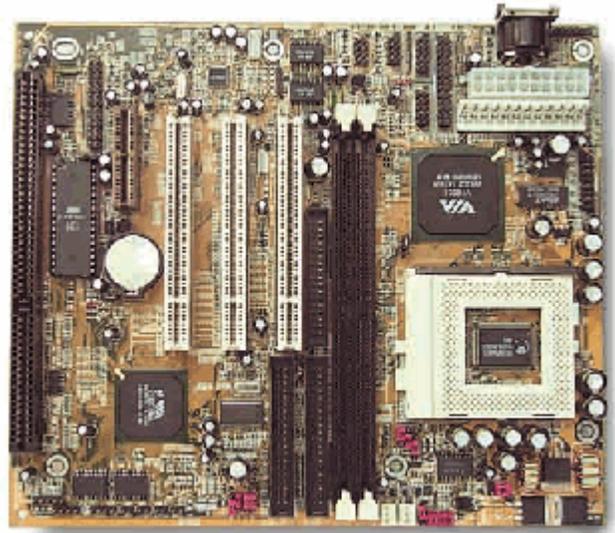
VIA® Apollo MVP4 Chipset Baby AT Motherboard

[BIOS_Upgrade_](#)

Technical Specifications

Processor

- Intel® Pentium®, Cyrix®6x86/6x86L/6x86MX/MII, AMD® K5/K6/K6-3, IBM®
6x86/6x86L/6x86MX, IDT WinChip C6 (66, 75, 83, 100MHz Front Side Bus).
- 166/180/200/233/266/300MHz or above.
- Intel® Pentium® Processors with MMX™Technology.
- Socket 7 CPU Upgradability.

Chip Set

- VIA® APOLLO MVP4.

BIOS

- 2MB Flash EPROM (Support PnP, APM, ATAPI & Windows® 95).
- IDE AUTO LBA Mode Supports HDDs over 8.4GB.
- Anti-Virus Protection.

External Cache

- Direct Mapped L2 Write Back Cache.
- 512KB On-board Synchronous Pipelined Burst SRAM.

Memory

- 8MB to 256MB.
- Two 168-pins DIMMs (64bit) Synchronous DRAM (SDRAM).
- DIMMs Depth of 1MB, 2MB, 4MB, 8MB and 16MB.

On Chip AGP

- AGP v1.0 Compliant.
- Transfer Rate up to 533MB/sec.
- 64-bit Single Cycle 2D/3D Graphic Engine.
- Support 2 to 8MB Frame Buffer Shared with System Memory.
- Integrated 24-bit 230MHz RAM DAC.
- Resolution up to 1600 x 1200.
- DirectX 6 & OpenGL API.

- Win95 VXD, Win98/NT5 Minport Driver Support.

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 (Optional Adapter Cable). One PS/2 Mouse Port (Optional Adapter Cable). One IrDA Port (Optional TX/RX Module).

On Board Sound

- On Chip AC97 Audio Controller with Standard AC97 Codec.
- PnP, Full-Duplex, Sound Blaster Pro, Direct Sound Ready.
- Line-in, Line-out, Mic-in and MIDI/Game Port (via Cable).

Hardware Monitoring (Optional)

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

Expansion Slots

- One ISA Bus Slots, Three PCI Bus Slots, One Audio Modem Riser (AMR).

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.
- Comply to Energy Star "Green PC" Program.

PCI

- PCI 2.1 Compliant.

Battery

- On-board Lithium Battery.

Board Size

- 220mm x 186mm, Baby AT Form Factor.