



**Model: AM-671**

**Intel® 810 Chipset Baby AT Motherboard**



[BIOS Upgrade](#)

### *Technical Specifications*

#### **Processor**

- Intel® Celeron (66/100Mhz Front Side Bus) (PGA 370 Type).
- 233 ~ 800MHz.

#### **Chip Set**

- Intel 810.

#### **BIOS**

- Intel® Firmware Hub (With Security Feature) (4M bit).
- 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 or 512MB (using 128MB Technology).
- Two 168-pins DIMMs.
- DIMMs Depth of 1MB, 2MB, 4MB, 8MB, 16MB and 32MB.

#### **On Chip Graphic Engine**

- Integrated 64-bit 3D/2D Graphic Engines (Intel 752 Core)
- Hardware Motion Compensation for S/W MPEG2 Decode (DVD).
- Dynamic Video Memory Technology.
- Integrated 24-bit 230MHz RAMDAC.
- Resolution up to 1600 x 1200
- DirectX6 & OpenGL API Support
- Win 95vxd, Win98/NT5 Mini Port 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, PS/2 Mouse Port, PS/2 Keyboard Port,

### **On Board Sound (Optional)**

- Integrated AC97 Controller with Standard AC97 Codec.
- PnP, Full-Duplex, Sound Blaster and Direct Sound Ready.
- Line-in, Line-out, Mic-in and MIDI/Game Port .

### **Crystal PCI Sound (Optional)**

- Crystal CS4280/81 AC97 Audio Controller
- Full DOS Game Support (DDMA, PC/PCI, CLS)
- PCI 2.1 BUS Master, Hardware Sound Acceleration
- Full Duplex, Sound Blaster Compatible.
- Crystal 3D Enhancement, PNP, Software Wave Table.
- Win95/98/NT Driver Ready.

### **Hardware Monitoring (Optional)**

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

### **Expansion Slots**

- Four 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.

### **Power Management**

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

### **PCI**

- PCI 2.1 Compliant.

### **VRM**

- On Board VRM 8.2.

### **Battery**

- On-board Lithium Battery.

### **Others**

- CPU Speed Jumperless.
- Alarm Wake-up

### **Board Size**

- 220mm x 205mm, Baby AT Form Factor.

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