Model: AM-960
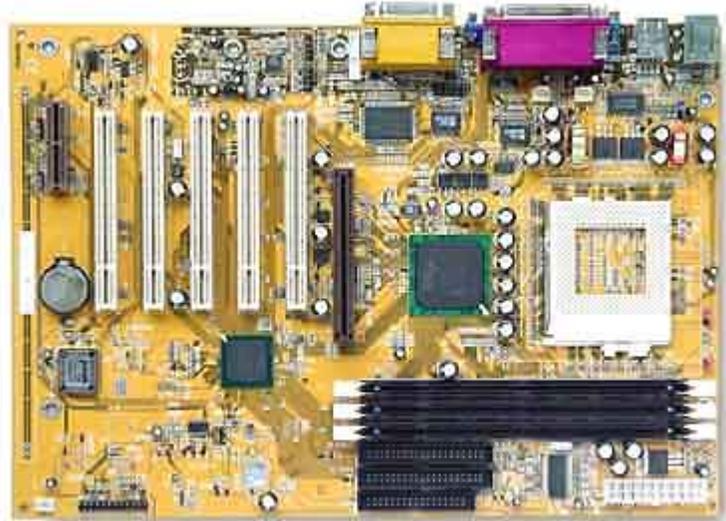
Intel® 815 Chipset ATX Motherboard

[BIOS_Upgrade_](#)

Technical Specifications

Processor
- Intel® Pentium® III (100/133Mhz Front Side Bus) (PGA370 Type).
- 450MHz or above.

Chip Set
- Intel® 815.

BIOS
- Intel Firmware Hub (with Security Feature) (4MB).
- Support PnP, APM, ACPI, ATAPI, DMI.
- IDE AUTO LBA Mode Supports HDDs over 8.4GB.
- Trend Micro ChipAway Virus Protection.

Cache
- L2 Cache is CPU Built-in.

Memory
- Size up 512MB.
- Three 168-pin DIMMS (64-bit).

4X AGP VGA On Chip
- Integrated 64-bit 3D/2D Graphic Engines.
- Hardware Motion Compensation for S/W MPEG2 Decode (DVD).
- Dynamic Video Memory Technology and Optional 4MB Display Cache.
- 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 33/66 Channels (Optional 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
- 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 .

Hardware Monitoring (Optional)
- Voltage, Temperature, Fan Speed Monitoring, CPU Over Heat Protection.

Expansion Slots
- Five PCI Bus Slots.
- One Accelerated Graphics Port (AGP).
- 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 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 2.0/1.0.

VRM
- On Board VRM 8.4.

Battery
- On-board Lithium Battery.

Others
- CPU Speed Jumperless.
- Alarm Wake-up.
- Bundle "PC-cillin" Anti Virus Software.
- Support Intel Type C Standsrd Heat Sink for 1G or above Pentium III CPU.

Board Size
- 213mm x 305mm, ATX Form Factor.