



Overview

Thank You for purchasing our High Performance Mainboard. Our advanced technology mainboard is designed for processing speeds of 933MHz or above and is upgradeable for future processors.

The Intel Mainboard Utilizes 815E/815EP and ICH2 chipset provide an Integrated Bus Mastering IDE controller with two high performance IDE interfaces for up to four UDMA IDE devices (hard drives, or CD-ROM's). The LPC(Low-pin count) I/O controller integrates a floppy drive interface, two enhanced 16C550 compatible serial ports, one parallel port and one consumer infra red compatible interface. The ICH2 I/O controller integrates two USB 1.1 compliant controllers with a total of 4 ports.

Intel 815E chipset support Intel Celeron, Intel Pentium III and Cyrix III processors on socket 370 with 100/133 SDRAM DIMM.

Three DIMM slots support up to 512MB Memory Capacity. WAKEUP-LINK Header supports Wake-On-LAN.

Integrated AC97 2.1 Compliant Codec with 3D Stereo enhancement (optional). Award 4M bits Firmware Hub compliant with PC99, ACPI//DMI power management.

ATX 305mm x 210mm.

Fast Start Installation

This section will aid you in quickly setting up the Mainboard. Be sure to take caution to avoid personal injury or damage to wiring due to sharp pins on connectors, printed circuit assemblies, rough edges and corners and hot components.

Your Location Requirements Are:

- A sturdy, level surface for placement
- Space allowance around mainboard
- A stable environment with no abrupt temperature or humidity changes
- No exposure to chemicals or direct sunlight
- Line voltage and frequency not varying more than + or -10% from the value stated on the package or nameplate (located on the back, opposite the power plug)

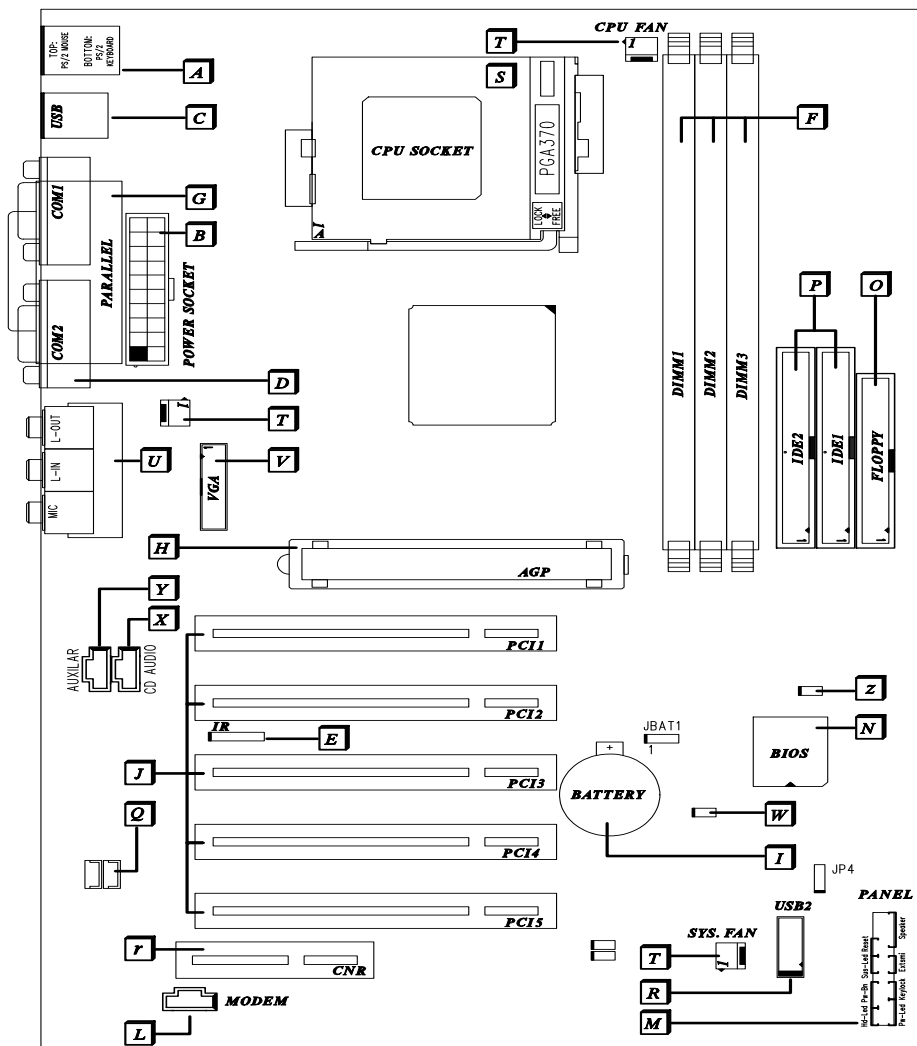
Checking The Package Contents

Remove the items from the box and make sure you have the following items before beginning. If any of the items below are missing, please contact the representative for part replacement.

ATX Box Standard Package

- 1) Mainboard
- 2) Driver CD with Norton AntiVirus 2001 OEM Version
- 3) User Manual
- 4) IDE Hard Drive Ribbon Cable
- 5) Floppy Drive Ribbon Cable
- 6) USB Cable for onboard USB Header (Optional)
- 7) Modem Cable for Modem Header (Optional)

Mainboard Diagram



Before we begin installing your series Mainboard, we have provided you with a diagram of the Mainboard to help you locate the appropriate “connectors”. The letters below describe the key Mainboard components. Page number in the right hand column will direct you to detailed description of the component.

A815E / A815EP Option : AC97 2.1 Compliant 3D Audio Software 56K Modem

Onboard

COMPONENT	PAGE
A- PS/2 Mouse & Keyboard Connector	41
B- ATX Power Supply Connector	41
C- Universal Serial Bus (USB) Connector	42
D- Serial (COM1 & 2) Connector	42
E- Infra-Red (IR) Header	42
F- Memory Module Sockets	43
G- Parallel Port Connector	43
H- Accelerated Graphics Port (AGP) Connector	43
I- Lithium Battery	44
J- PCI Add-in Board Connector	44
L- Modem Connector (Optional)	44
M- Front Panel Function Connector	44
N- Flash BIOS	45
O- Floppy Drive Header	45
P- IDE Device Header	45
Q- WAKEUP-LINK Header	46
R- Universal Serial Bus Header	46
r- CNR Add-in Board Connector	46
S- CPU Socket	46
T- CPU / SYSTEM & AUXILIARY FAN Connector	47
U- Audio & Joystick Connectors	47
V- VGA Header (Optional)	48
W- Temperature Sensor Header	48
X- CD Audio Connector	48
Y- Auxiliary Audio Connector	48
z- Case Detect	48