

## Before Start

This quick reference together with the EZ guide is used for providing you with the assistance when installing computer system. For detail information, please read the user manual.



### Warning:

1. Static electricity may cause damage to the integrated circuits on the motherboard. Before handling any motherboard outside of its protective packaging, ensure that there is no static electric charge in your body.

2. Never run the processor without the heatsink properly and firmly attached. PERMANENT DAMAGE WILL RESULT!

## Package Checklist

If you discover any item below was damaged or lost, please contact your vendor.



Mainboard



Floppy Drive Cable



80-Pin IDE Ribbon Cable



USB Cable



SATA Power Cable (top)  
SATA Data Cable (bottom)  
(optional)



EZ Guide



Manual



Drivers



I/O Shielding



A73 Audio Bracket  
with Cable  
(optional)

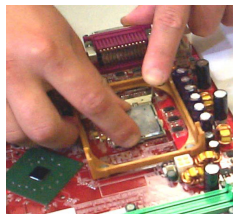


1394 Bracket  
with Cable  
(optional)

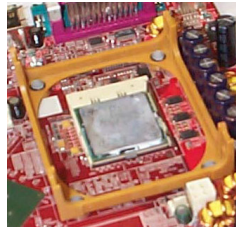
## *Hardware Installation*

### CPU

1. Swing the lever upward to 90 degree.
2. Install the CPU and make sure the the pin 1 orientation by aligning the socket corner marking with the socket corner closest to the lever tip. Do not insert the CPU by force.

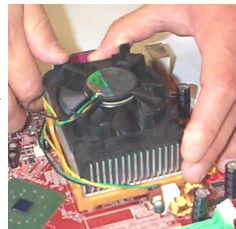


Apply some thermal materials on the CPU top; and install a fan with heatsink that approved by CPU manufacturer.



Affix the CPU by pressing the lever downward and locking it beside the socket.

3. Place the fan with heatsink on the CPU top and press down two plastic clips to hook up with the holes on the retention module on two sides.

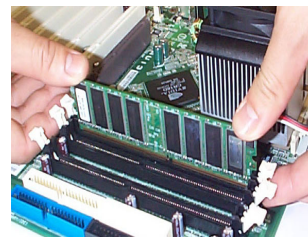
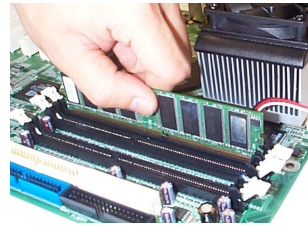


4. Press down the white bar on each clip to fasten the fan set on the retention module.



## Memory

1. Locate DDR DIMM sockets on the mainboard.
2. Install DDR DIMM straight down into the socket 1 using both hands, then socket 2, and so forth.
3. The clip on both ends of the socket will close up to hold the DDR DIMM in place when the DDR DIMM reaches the socket bottom.



## Mounting Mainboard



**Warning:**

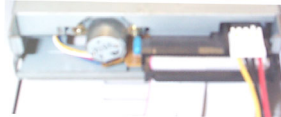
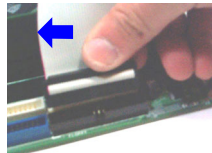
1. When using an electric screwdriver, the torque is set to the allowable range of 5.0 ~ 8.0kg/cm.
2. Be aware of the shape edges of devices.

1. Locate mounting holes on the mainboard.
2. Place the board over the frame inside the chassis.  
Be sure that the board and frame are aligned.
3. Affix the mainboard by copper columns.



## Connecting Floppy Drive

1. Locate floppy drive frame and storage on the chassis.
2. Place the drive from the front panel side into the frame.
3. Affix the drive on the frame by screws.
4. Connect the floppy ribbon cable and power wires. The colored line on the ribbon cable (pointed by blue arrowhead) must be the same side with the pin 1 of the connector.

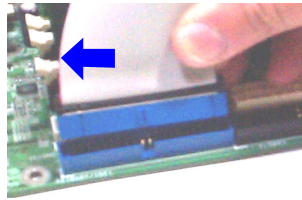


## Connecting CD/DVD Drive

1. Locate CD/DVD drive frame and storage on the chassis.
2. Place the drive from the front panel side into the frame.
3. Affix the drive on the frame by screws.

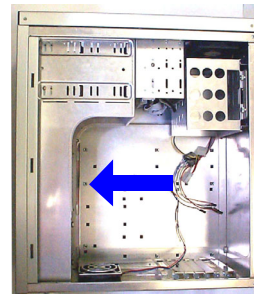


4. Connect the IDE ribbon cable and power wires. The colored line on the cable (pointed by blue arrowhead) must be the same side with the pin1 of the connector.

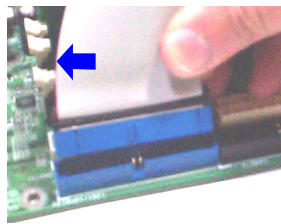


## Connecting Hard Drive

1. Locate hard drive frame and storage on the chassis.
2. Place the hard disk drive from the rear of the frame as the arrow head indicated.
3. Affix the drive on the frame by screws.

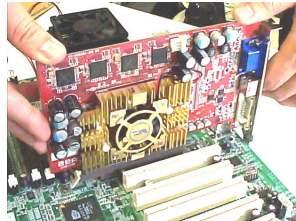


4. Connect the IDE ribbon cable and power wires. The colored line on the cable (pointed by blue arrowhead) must be the same side with the pin1 of the connector.



## Installing Cards

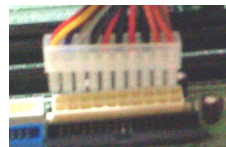
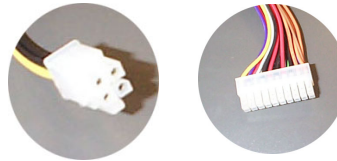
1. Select an available card slot.
2. Remove the slot cover from chassis.
3. Push the card firmly into the slot. Secure the card with the screw.



## Connecting ATX Power

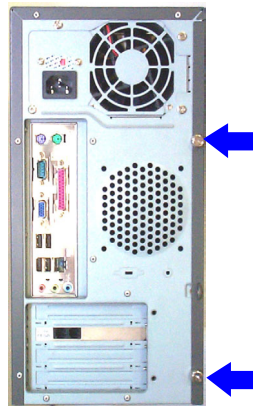
The 20-hole power plug (top right) is connected to the ATX power 20-pin pinheaders. The 4-hole 12V power plug is inserted in the ATX\_12V power connector.

Make sure that the proper orientation and push down firmly making sure that the pins are aligned.



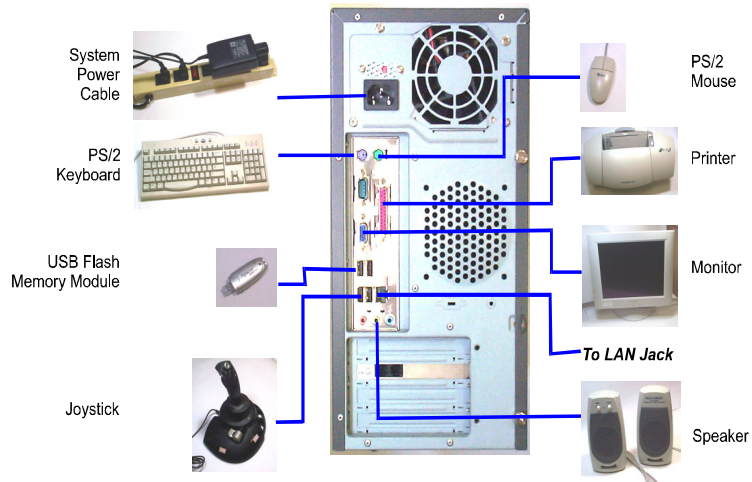
## Assembly System Case

Place the cover on the chassis and secure the screws on the cover (as arrow heads pointed) either by a screw driver or by fingers to tighten them up.

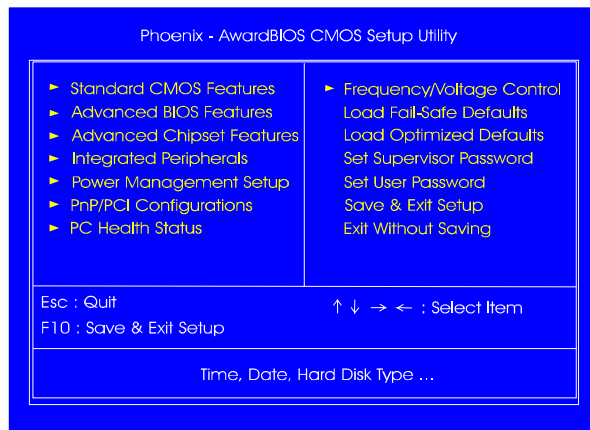


## Attach Peripheral Devices

Link peripheral devices to your system via rear/front panel.



## BIOS Setup



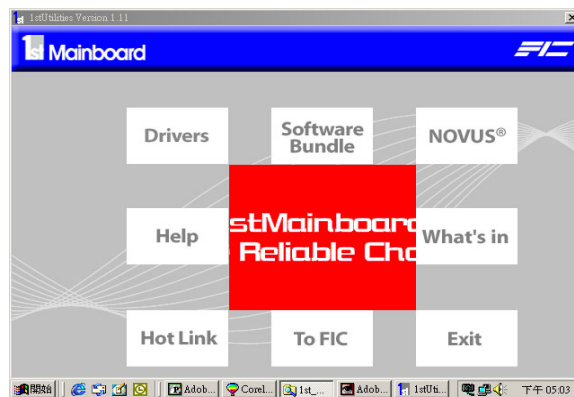
### Standard CMOS Setup

Use the arrow keys to highlight the item and then use **PgUp** or **PgDn** keys to select the value you want in each item.

### Load Fail-Safe Defaults

This submenu is selected to diagnose the problem after the computer boots, if the computer will not boot. These settings do not give optimal performance.

## Driver Installation



### Drivers

Place your Ist Utilities CD into your CD Drive. The top menu will appear on the screen. Select the item Drivers to start the auto running feature.

### Help

The item provides you with some information about the features and drivers. Reading it will be helpful on installation.

### Software Bundle

The item provides you with some useful software tools to assist you to manage your computer system.