

# C H A P T E R ▼ T W O

## BIOS SETUP

In this chapter, you will learn how to enter the BIOS Setup Menu and manipulate various hardware control settings.

**The** Setup Utility is a hardware configuration program built into your computer's BIOS (Basic Input/Output System). It runs and maintains a variety of hardware functions. It is a menu-driven software, which allows you to easily configure and change the settings.

The BIOS contains manufacture's default settings for the computer's standard operations. However, there are occasions when you may be required to modify the default settings in the BIOS.

## Entering the BIOS Setup Screen

First turn on the power. When the BIOS performs the POST (Power-On Self Test), press F2 key quickly to activate the Phoenix BIOS Setup Utility.



**Note:** You may need to press F2 key fairly quickly. Once the system begins to load Windows, you may have to retry by cycle-power on again

## Leaving the BIOS Setup Screen

When you have finished modifying the BIOS settings, exit the BIOS. It takes a few seconds to record changes in the CMOS.

## BIOS Action Keys

Function Key	Command	Description
ESC	Exit	Leaves a sub-menu to return to the previous menu OR exits the BIOS setup while saving changes.
Enter	Go to Sub Screen	Shows the Sub Menu
F1	General Help	Shows the Help Screen
F9	Setup Defaults	Load default values
F10	Save and Exit	Saves changes and reboots the computer.
<Tab>	Select a field	Selects the next field.
↑	Select an item	Selects the next upper item.
↓	Select an item	Selects the next lower item.
-	Lower value	Selects the next value within a field.
+	Higher value	Selects the next value within a field.

## Modifying the BIOS Settings

The Phoenix BIOS setup main menu is subdivided into sub-menus. Each menu item is described in this section.

### Main Setup

Under this menu, you may change time/date and view basic processor and system memory information.

Item	Selections / Sub-menu	Description
System Time	N/A	Type in the current date, in HH:MM:SS format.
System Date	N/A	Type in the current date, in MM/DD/YY format.

### Info Setup

Item	Description
BIOS Information: BIOS Version: 1.00 KBC Version: 1.00  Processor: CPU Type      Genuine Intel® CPU CPU Info      Intel Celeron M inside	Display BIOS version and CPU Information

## Advanced Setup

Item	Selections / Sub-menu	Description
Execute Disable Bit	Disabled Enabled	When enabled, this unique feature protects against certain type of virus that creates Buffer Overflow problem in the memory subsystem.

## Boot Setup

### ► Boot Settings Configuration

Item	Selections / Sub-menu	Description
LAN Remote Boot	Disabled Enabled	When enabled, the system can support remote wake-up or boot on LAN.

### ► Boot Device Priority

Item	Selections / Sub-menu	Description
	USB Key USB FDC USB CDROM USB HDD IDE CD IDE HDD PCI BEV	Set the priority of bootable devices that the BIOS attempts to boot from. For example, if you wish to boot from an external USB CDROM with a bootable disc in it, you may want to put USB CDROM to the top of the priority list.



**Note:** IDE CD means the system's built-in optical drive. IDE HDD means the system's built-in HDD. PCI BEV is the Realtek Boot Agent, which allows you to boot from the Network.

**Note:** When the BIOS performs POST, you may also press Enter Key to enable the Boot Device selection menu. You may choose CD/DVD, Hard Drive, or Realtek Boot Agent as the first storage device to boot from. If you have already connected a USB Floppy Disk Drive before powering up, it will appear as a USB FDC in the Boot Device selection menu

## Exit Setup

Item	Selections / Sub-menu	Description
Saves Changes and Exit	N/A	After you have completed the BIOS settings, select this item to save all settings, exit BIOS Setup utility, and reboot. New system settings will take effect on next power-up. F10 key can be used for this operation.
Discard Changes and Exit	N/A	Discards changes done so far to any of the setup questions and exit.
Get Default Values	N/A	Load Optimal Default value for all the setup questions. F9 key can be used for this operation.
Load Previous Values	N/A	Load settings that you made during the previous BIOS Setup session.