Table Of Contents

SAFETY & COMPLIANCE

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Federal Communications Commission (FCC) - Notebook

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

❑ Reorient or relocate the receiving antenna.

❑ Increase the separation between the equipment and the receiver.

❑ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

❑ Consult the dealer or an experienced radio/TV technician for help.

Shielded interconnect cables and shielded AC power cable must be employed with this equipment to insure compliance with the pertinent RF emission limits governing this device. Changes or modifications not expressly approved by the system's manufacturer could void the user's authority to operate the equipment.

Declaration of Conformity

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

❑ This device may not cause harmful interference.

❑ This device must accept any interference received, including interference that may cause undesired operation.

Federal Communications Commission (FCC) – Fax/modem

This equipment complies with Part 68 of the FCC Rules. On this equipment is a label that contains, among other information, the FCC registration number and Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the Telephone Company may discontinue your service temporarily. If possible, they will notify in advance. But, if advance notice isn't practical, you will be notified as soon possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect proper operation of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

The FCC prohibits connecting this equipment to party lines or coin-telephone service.

In the event that this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.

The FCC also requires the transmitter of a FAX transmission be properly identified (per FCC Rules Part 68, Sec. 68.381 (c) (3)).

Canadian Department of Communications-Notebook

This class B digital apparatus meets all requirements of the Canadian Interference-causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Réglement sur le matériel brouilieur du Canada.

VCCI

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づく第二種情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

DHHS- the CD-ROM Drive

FDA Regulations require the following statement for all laser-based devices:
"**Caution**, Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure."

CLASS 1 LASER PRODUCT
LASERSCHUTZKLASSE 1 PRODUKT
TO EN60825

Caution: This appliance contains a laser system and is classified as a "CLASS 1 LASER PRODUCT". To use this model properly, read the instruction manual carefully and keep this manual for future reference. In case of any trouble with this model, please contact your nearest "Authorized Service Station". To prevent direct exposure to the laser beam, do not try to open this enclosure.

UL/TUV Battery & FAX/Modem Caution and Important Safety Instructions

CAUTION

"CAUTION-To reduce the risk of fire, use only No.26 AWG or large telecommunication line cord."

"CAUTION-Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment."

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

VORSICHT!

Explosionsgefahr bei unsachgemääen Austausch der Batterie Ersatz nur durch denselben oder einem vom Hersteller empfohlenem ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.

Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

Do not use the telephone to report a gas leak in the vicinity of the leak.

Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

This product intended to be supplied by a Listed Power Unit, marked "Class 2" or "LPS" and output rated +15 ~ 16V dc , 3 ~ 3.13 A"

SAVE THESE INSTRUCTIONS

CTR21 Notice

The equipment has been approved in accordance with Council
Decision 98/482/EC for pan-European single terminal connection to the
public switched telephone network (PSTN). However, due to
differences between the individual PSTNs provided in different
countries, the approval does not, of itself, give an unconditional
assurance of successful operation on every PSTN network termination
point.

***In the event of problems, you should contact your equipment
supplier in the first instance.***

ANNEX II

Note: The manufacturer should ensure that the vendor and user of
the equipment is clearly informed of the above information by
means of packaging and/or user manuals or other forms of user
instructions.

ANNEX III

This declaration will indicate the networks with which the equipment
is designed to work and any notified networks with which the
equipment may have interworking difficulties.

Network compatibility declaration to be made by the manufacturer
to the user.

The manufacturer shall also associate a statement to make it clear
where network compatibility is dependent on physical and software
switch settings. It will also advise the user to contact the vendor if it
is desired to use the equipment on another network

CE Declaration of Conformity

The system computer model H300 and accessories conform to the following production specifications:
Manufacturer Name:
Manufacturer Address:

Model Name: H300

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member Sates relating to Electromagnetic Compatibility (89/336/EEC) and Low-voltage Directive (73/23/EEC & 93/68/EEC). For the evaluation regarding the Electromagnetic Compatibility and Low-voltage Directive the following standards were applied.

Standards

89/336/EEC-EMC Directive

EN 55022 1998/A1:2000(Class B)	Limits and methods of measurement of radio disturbance characteristics of information technology equipment.
EN 61000-3-2 : 1995/A1/A2:1998/A 14:2000	Disturbances in supply systems caused by household appliance and similar electrical equipment "harmonics".
EN 61000-3-3 : 1995/A1:1998	Part 2: harmonics/parts: voltage fluctuations.

EN 55024:1998 ITE Immunity Standard

IEC 61000-4-2 : 1995/A1:1998/A2:2 000	Electrostatic discharge requirements
IEC 61000-4-3 : 1996/A1:1998/A2:2 000	Immunity to radiated, radio frequency electromagnetic fields
IEC 61000-4-4 : 1995/ A1:2000	Electrical fast transient requirements
IEC 61000-4-5 : 1995/ A1:2000	Surge requirements

1995/ A1:2000

IEC 61000-4-6 :   RF Common Mode requirements
1996/ A1:2000

IEC 61000-4-8 :   Power Frequency Magnetic Field requirements
1993/ A1:2000

IEC 61000-4-11 :   Voltage Interruptions and Voltage Dips
1994/ A1:2000   requirements

73/23/EEC-Low Voltage Directive

EN 60950 1992   Safety for information technology equipment
+A1+A2+A3+A4+A   including electrical business equipment
11

The following manufacturer/importer is responsible for this declaration:
Company Name:

Company Address:

Person responsible for making this declaration:

Name:
Position:
Place
Date:

Chapter 1   Introduction

Welcome

Thank you for purchasing this notebook computer.

The state-of-the-art computer is slim and ultra light, and possesses the abilities of high powerful data computing and advanced 2/3D graphics acceleration. It supports a variety of expansible function for expanding memory, Hard disk and so on. Also, wherever you need it, the computer is easy to go.

To Open the Notebook

Open the locking latch on the front edge of the notebook then lift the screen up to a comfortable viewing angle.

Locking latch
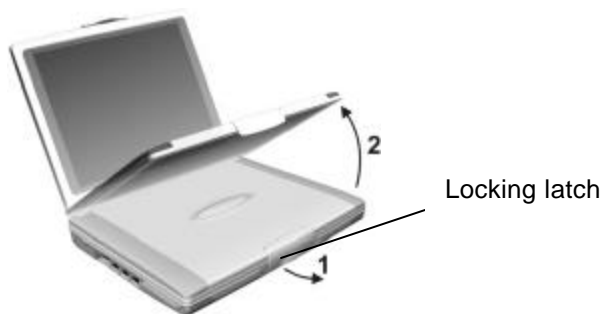
1-1

Taking a look at this Notebook

This section describes the function of the notebook.

Note *Depending on the model of you purchased, the appearance of the notebook may not exactly the same as those shown in this manual.*

Front View
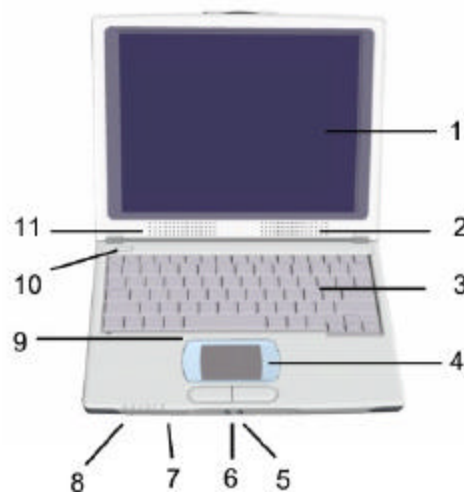
1. 10.4" LCD Screen

    This computer supports 10.4" TFT LCD panel.

2. Right Speaker *(P.2-6)*

3. Keyboard *(P.2-4)*

4. Touch pad *(P.2-5)*

5. External Microphone Port

    Connects an external microphone. (P.2-6)

6. External Audio Port

    Connects external Audio devices, e.g. headphone, speaker, and so on. (P.2-6)

7. Status Indicators

    Indicating the operating status of this computer. (P.2-3)

8. Power Indicators

   Indicating the power status of this computer. (P.2-3)

9. Internal Microphone *(P.2-6)*

10. Power Button

    To turn the computer ON or OFF.

11. Left Speaker *(P.2-6)*

Left View

1. PC Card Slot

   To load pc card for expanded functions. (P.5-1)

2. USB 2.0 Port

   Connects the USB Devices. (P.5-3)

3. LAN Port

   To connect LAN by RJ-45 LAN wire. (P.2-7)

4. Communication Port

   To used Modem for telecommunication by RJ-11 phone line. (P.2-7)

5. External CRT Port

   To presents display data to external display devices. (P.5-3)

6. Security Lock (Kensington Lock)

   An anchor point for the locking mechanism on standard notebook security cables. (P.2-5)

Right View
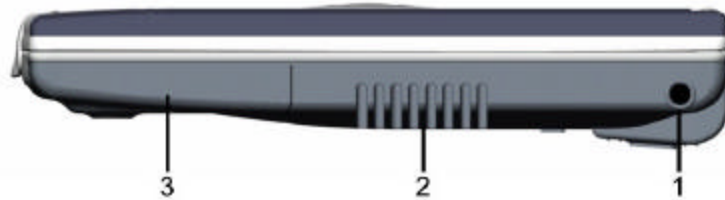
1. DC-IN Port

   Connects the AC adapter. (P.2-1)

2. Airflow Vent Holes

Note   *Please keep the vent holes well aired to prevent overheating of the notebook.*

3. Internal Hard Disk

   This notebook computer allows one 2.5-inch IDE (Integrated Drive Electronics) hard disk drive. (P.5-4)

Rear View
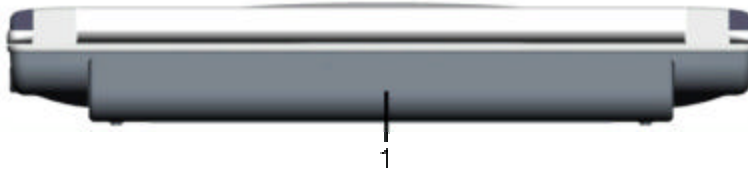
1. Battery Pack (Li-lon)

   This notebook computer supports one rechargeable Li-lon battery. It supplies power to the computer when external power is not connected. (P.3-2)
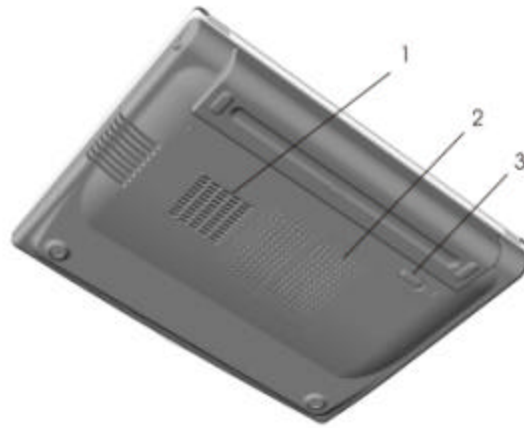
Bottom View

1. CPU Fan

   The CPU fan to prevents overheating of CPU.
2. DDR RAM Cover

   Inside is the DDR RAM slot for expanding the memory size of the notebook computer. (P.5-4)
3. Battery Lock Latch

   Please follow an arrow imprinted to lock or unlock internal battery.

Chapter 2   Operating The Notebook

This chapter provides information about the use of the notebook.

Getting the Computer Running

Connecting Power to the System

This notebook computer runs on its rechargeable battery. You can also plug its AC adapter into a wall socket for continuous high-performance operation or battery recharge. It is suggested that you use AC power when you start up the computer for the very first time.

Warning   It is particularly important that you use only the AC adapter supplied from your dealer in order to avoid damaging your notebook computer.

DC-IN

To use the AC adapter, plug it into a wall socket, plug its DC cable into your notebook's DC jack. This notebook computer's AC adapter has a voltage sensor that accepts different countries' voltages without manual adjustment.

1. Plug the power cord into a regular AC power supply outlet.
2. The power indicator on the AC adapter will turn on to show that it is connected to AC power.

3. Plug the direct current cable from the AC adapter into the DC-IN port on right side of the notebook.
4. The indicator on the front edge of the notebook will begin flashing with a green light. This indicates that the AC adapter has begun charging the internal battery.

Note: It is particularly important that you give your battery a full charge the first time that you use it. We recommend that you leave the system connected to the AC adapter until the battery is fully charged. The battery charge indicator of the notebook will stop flashing when the notebook is fully charged.

Turning On and Off the Computer

Turning On the Computer

1. Make sure the computer is connected to AC power.
2. Press the power switch of the computer.
3. Each time the computer is turned on; it performs a POST (Power-On Self Test). When POST successfully completes its check, the computer signals a single beep and the operating system such as Windows should start.

Turning Off the Computer

In Microsoft Windows, you can shut down your computer by selecting "Shut Down" within the Windows Start Menu. You can also restart your computer from this menu.

Note: If the system is locked up because of hardware or software problems, press the power switch to turn off the computer.

About Power Indicators

The two power indicators are located on the front edge of the notebook base.

Power Indicator

Steady   System is ON

Flashing   System is suspended

Battery Charge Indicator

Steady   Battery is fully charged

Flashing   Battery is charging

About the Status Indicators

The four status indicators, from left to right, are   Hard Disk, Num Lock, Caps Lock and Scroll Lock.

Indicator	Icon	Description (Light On)
Hard Disk		Write data to hard disk or read data from hard disk.
Num Lock		The Num Lock activates the numeric keys.
Caps Lock		The Caps Lock keeps the letter keys in uppercase.
Scroll Lock		The screen moves one line up or down when you press or arrow key. Scroll Lock does not work for all programs.

About the Keyboard

The exact layout of your keyboard depends on the language/system you're using. Displayed here is a standard US/Windows keyboard.

The table below shows the meaning of the function key icon, and other embedded keyboard icons

Keystrokes	Icon	Description
FN + F2		Serves as the sleep button that you can define with Windows "Power Management". (See the "Using Power Management" in Chapter 3)
FN + F6		This key combination turns off the volume of the speakers.
FN + F7		This key combination increases the volume of the speakers.
FN + F8		This key combination decreases the volume of the speakers.
FN + F9		This key combination increases the brightness of the built-in screen.
FN + F10		This key combination decreases the brightness of the built-in screen.
		This key activates the Start button Windows Task Bar.
		This key opens the pull down menu of a selected icon or object. Its action is the same as right-clicking an icon or object with a mouse or Touchpad.

Chapter 3   Power Management

This chapter tells you how to use power management and delivers the information about AC adapter, Internal battery pack.

About the AC Adapter

The AC adapter serves as a converter from AC (Alternating Current) to DC (Direct Current) power because your computer runs on DC power, but an electrical outlet usually provides AC power.
The AC adapter is Auto-sensing so that your notebook can operate through the AC adapter connected to any available power supply in a wall outlet. The AC adapter is also used to recharge the rechargeable battery pack when connected to AC power.
The AC adapter operates on any voltage in the range of 90~240V AC.
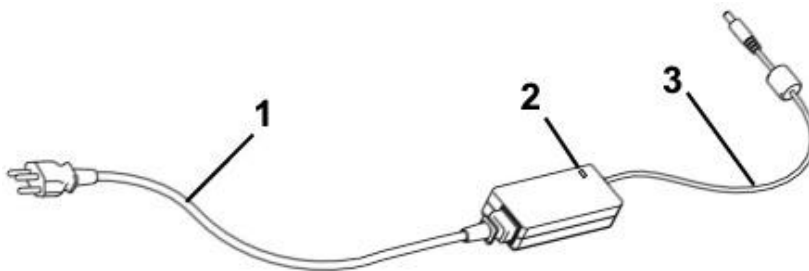
1. AC Power Cord
2. Power indicator light
3. DC (Direct Current) Cable

Warning   Connecting the AC adapter to other devices can damage the adapter or devices. Because of this AC adapter is designed for use with your notebook computer only.

Note   The AC power cord supplied with your notebook computer is for use in the country where you purchased your notebook computer. If you plan to go overseas with the notebook computer, consult your dealer for the appropriate power cord.

Using the Battery Pack

The battery pack contains Lithium-Ion (Li-Ion) that can be installed in the rear side of the computer.

Warning   Only use the battery pack that is supplied with this notebook. If you need a replacement battery, ask your system vendor for a replacement. Never try to use a battery pack that is not designed and approved for use in this notebook.

Note   Since batteries are consumables, the warranty will be ensured within six months while you purchased.

To Change the Battery Pack

To change the battery, shut down the system, and turn your computer over. Unlock and remove your battery, replace it with a charged battery.

Battery Charging

When the battery pack is installed in the rear side and the computer is connected to a power supply with the AC adapter, the battery pack automatically gets charged.

You can check on the charging status of the battery using the battery charge indicator.

Battery Discharging

When your notebook is turned on and not connected to a power supply, it will operate by discharging the battery. Battery life is reduced if your notebook is consuming a lot of energy; for example playing sound files and frequently accessing disk drives. Battery life will also be reduced if your battery is not in good condition.

Battery Low Warnings

Your notebook will alert you to a low battery condition by emitting a continuous beeping sound. This warning happens when the battery has only 15% of total charge remaining.

If you continue using your computer after the battery low warning, the notebook will continue to operate normally until the charge level drops to around 5% of total charge. At this point, without warning, the notebook will automatically turn off the system.

Using Power Management

This notebook supports ACPI (Advanced Configuration and Power Interface) for power management. When you are running your notebook from the internal battery, it is important that you use the power management routines to reduce the system power consumption. They routines consist of a series of power saving modes   standby mode, and Hibernate mode.

Standby Mode

In a standby mode, the contents of your computer' s memory are held intact, while practically all the rest of the components in your notebook turn off completely, or reduce power consumption to a minimum. In a standby mode, your computer remains active but with the minimum possible power consumption. You can return the computer to full power by pressing [Fn] + [F2].

Hibernate Mode

Hibernate mode is really another way of turning off your computer. When you hibernate, the contents of your computer' s memory are copied to your hard disk drive as a file. When the contents of the memory have been safely stored to disk, your computer turns off. The next time the computer is turned on after hibernate, the file on the hard

disk is quickly read back into memory. In just a few moments, your computer appears exactly as it was when you last hibernate. Hibernate is very useful for Windows users who like to have many different programs open on the Windows desktop. You can take quite a few minutes to get a busy Windows desktop up and running, and then you have to shut down each program one by one when you want to turn off your computer.

Initiating Standby or Hibernate Mode

This notebook computer does not support standby or hibernation mode automatically. But you can follow the following procedure initiating standby or hibernation mode.

The following is power management setting under windows Operating System environment:

1. Click "Start", then "Settings", then "Control Panel".
2. Start the "Power Management" item.
3. Select the "Hibernate" page, select "Enable hibernate support "click "Apply" button.
4. Select the "Advanced" page, see the power button area and select lids, power button or sleep button to Standby (if you want to press "Fn+F2" then enter Suspend to RAM, please select "Standby" in sleep button, but if you want to press "Fn+F2" then enter hibernate, please select "Hibernate" in sleep button), then press "OK" button.

Chapter 4: Configuring the Notebook

With the **BIOS Setup** program, you can modify BIOS settings and control the special features of your computer. The Setup program uses a number of menus for making changes and turning the special features on or off.

Using the System Configuration Utility

To start the **BIOS** Setup utility:

1.Turn on or reboot your system. The BIOS displays this message:

Press <F2> to enter SETUP

2.Pressing <F2> displays the Main Menu, which looks like this:

```
                    PhoenixBIOS Setup Utility
   Main      Advanced     Security     Power     Boot     Exit
 ┌─────────────────────────────────────────────┬─────────────────────┐
 │                                               │  Item Specific Help │
 │                                               │                     │
 │  System Time              [16:19:20]          │                     │
 │  System Date:             [02/10/2002]        │  <Tab>, <Shift-Tab>, or │
 │                                               │  <Enter> selects field │
 │ ▶ Primary Master          [19077MB]           │                     │
 │                                               │                     │
 │                                               │                     │
 │ ▶ Memory Cache                                │                     │
 │   Quick Boot              [Enabled]           │                     │
 │   Bootl-Time Diagnostic Screen  [Enabled]     │                     │
 │                                               │                     │
 │   CPU  Type               VIA Ezra            │                     │
 │   CPU  Speed              933MHz              │                     │
 │                                               │                     │
 │   System  Memory            640KB             │                     │
 │   Extended  Memory        228352KB            │                     │
 ├───────────────────────────────────────────────┴─────────────────────┤
 │ F1   Help         Select Item   -/+   Change Values   F9   Setup Defaults │
 │                                                                       │
 │ ESC  Exit    ↔   Select Menu  Enter  Select ▶ Sub-Menu  F10  Save and Exit │
 └───────────────────────────────────────────────────────────────────┘
```

The Legend Bar

Use the keys listed in the legend bar on the bottom to make your selections or exit the current menu. The chart on the following page describes the legend keys and their alternates:

Key	Function
<F1> or <Alt-H>	General Help window (See below).
<Esc>	Exit this menu.
↔ Arrow keys	Select a different menu.
↑ or ↓ arrow keys	Move cursor up and down.
<Tab>or<Shift-Tab>	Cycle cursor up and down.
<Home> or <End>	Move cursor to top or bottom of window.
<PgUp> or <PgDn>	Move cursor to next or previous page.
<F5> or <->	Select the Previous Value for the field.
<F6> or <+> or <Space>	Select the Next Value for the field.
<F9>	Load the Default Configuration values for this menu.
<F10>	Save and exit.
<Enter>	Execute Command or Select *P* Submenu.
<Alt-R>	Refresh screen.

To select an item, use the arrow keys to move the cursor to the field you want. Then use the plus-and-minus value keys to select a value for that field. The Save Values commands in the Exit Menu save the values currently displayed in all the menus.

To display a sub menu, use the arrow keys to move the cursor to the sub menu you want. Then press **<Enter>**. A pointer (▶) marks all sub menus.

Main Menu Selections

```
                    PhoenixBIOS Setup Utility
     Main      Advanced     Security     Power     Boot     Exit
                                                      Item Specific Help

     System Time                  [16:19:20]
     System Date:                 [02/10/2002]      <Tab>, <Shift-Tab>, or
                                                    <Enter> selects field

   ▸ Primary Master               [19077MB]


   ▸ Memory Cache
     Quick Boot                   [Enabled]
     Bootl-Time Diagnostic Screen [Enabled]

     CPU  Type                    VIA Ezra
     CPU  Speed                   933MHz

     System  Memory                 640KB
      Extended Memory            228352KB

   F1    Help          Select Item  -/+   Change Values      F9   Setup Defaults

   ESC   Exit    ↔     Select Menu  Enter  Select ▸ Sub-Menu  F10  Save and Exit
```

Setting System Time & Date

Feature	Options	Description
System Time	HH:MM:SS	Set the system time. The hour setting uses the 24-hour system.
System Date	MM/DD/YYYY	Set the system date.

Primary Master

Pressing enter Primary Master selection to configure the main IDE HDD, which fits into the computer's HDD bay.

HDD Type

This setting has several options for choosing which method setup will use to detect the hard disk.

Auto (Default setting) – This slows setup to determine the hard disk's type and other information. It automatically loads the information into the BIOS.

None – Autotyping is not able to supply the type or no hard disk is installed.

User – This allows you to fill the hard-disk drive information in the Cylinders, Heads and Sectors/Track fields. It automatically calculates "size" based on this information.

LBA Mode Control – "Enable" is default setting, because most hard disks capacity is larger than 528MB.

32-Bit I/O – Most new hard disks can support this higher rate. Enables 32-bit communication between CPU and IDE card. Requires PCI or local bus.

Transfer Mode – Selects the method for transferring the data between the hard disk and system memory.

Memory Cache

Enabling **cache** saves time for the CPU by holding data most recently accessed in regular memory (dynamic RAM or DRAM) in a special storage area of static RAM (SRAM), which is faster. Before accessing regular memory, the CPU first accesses the cache. If it does not find the data it is looking for there, it accesses regular memory. Selecting Memory Cache" from the Main menu displays a menu like the one shown here. The actual features displayed depend on your system's hardware.

Quick Boot

When you enable this selection, the system wills skip some POST testing, speeding boot time.

Boot-Time Diagnostic Screen

Display diagnostic screen or logo screen during POST. The default setting is "disabled".

System Memory & Extended Memory

System Memory   Display amount of conventional memory detected
                 during boot up.

Extended Memory   Display the amount of extended memory detected
                   during boot up.

The Advance Menu

```
                   PhoenixBIOS Setup Utility
     Main      Advanced     Security     Power     Boot     Exit
   ─────────────────────────────────────────────┬──────────────────────
                     Setup Warning               │  Item Specific Help
         Setting items on this menu to incorrect │
         values may cause your system to malfunction. │  Select options for
                                                 │  Advanced Chipset
         Legacy USB Support          [Enabled]   │  functions
                                      [DOS]
         Large Disk Access Mode       [Win 95]
         Installed OS                 [NO]
         Reset Configuration Data     [Enabled]
         PCI Delay Transaction        [64M]
                                      [32MB]
         Aperture Size                [4X]
         Frame Buffer Size            [Both]
         AGP Rate
         Display Device Selection

   ─────────────────────────────────────────────┴──────────────────────
    F1   Help          Select Item   -/+   Change Values    F9   Setup Defaults

    ESC  Exit     ↔    Select Menu   Enter Select ▸ Sub-Menu  F10  Save and Exit
```

Legacy USB Support

You can either enable or disable the system's support for the USB port
in DOS mode. The default setting is enabled.

Large Disk Access Mode

Select DOS if you have DOS. Select other if you have another operating
system such as UNIX. A large disk is one that has more than 1024
cylinders, more than 16 heads, or more than 63 tracks per sector. The
default setting is DOS.

Installed OS

Select the operating system you use more often.

Reset Configuration Data

When you select yes the bios will erase all configuration data in a section of memory for **ESCD** (Extended System Configuration Data) which stores the configuration settings for non-PnP plug-in devices. Select Yes when required to restore the manufacturer's defaults. The default setting is NO.

The Security menu

PhoenixBIOS Setup Utility					
Main	Advanced	**Security**	Power	Boot	Exit

		Item Specific Help
Supervisor Password Is	Clear	
User Password Is	Clear	Supervisor password controls access to the Setup utility.
Set Supervisor Password	[Enter]	
Set User Password	[Enter]	
Diskette access	[Disable]	
Fixed disk boot sector	[Normal]	
Virus check reminder	[Disable]	
System backup reminder	[Disable]	
Password on boot	[Disable]	

F1	Help		Select Item	-/+	Change Values	F9	Setup Defaults
ESC	Exit	↔	Select Menu	Enter	Select ▶ Sub-Menu	F10	Save and Exit

Supervisor Password

The changes you make affect the access to the Setup utility itself, and also access to your machine as it boots up after you turn it on. These setting do not affects your machine or network passwords which will be set in your software OS.

User Password

The user password is under the supervision of the administrator

password. You can set the user password to be required for starting up the system and/or entering SCU when the administrator password has been set. Beside, the user password only allows you to use some limited items for setting in the SCU.

Set Supervisor Password

Pressing <Enter> displays the dialog box for entering the Supervisor password. In related systems, this password gives restricted access to Setup menus.

Set User Password

Pressing <Enter> displays dialog box for entering the User password. In related systems, this password gives full access to Setup menus.

Diskette access

You can either enable or disable requires a password to boot from or access the floppy disk.

Fixed disk boot sector

You can select normal or write option. Write protects the boot sector on the hard disk for virus protection. Requires a password to format or Fdisk the hard disk. The default setting is normal

Virus check reminder and System backup reminder

Display a message during boot up asking (Y/N) if you have backed up the system or scanned it for viruses. Message returns on each boot until you respond with " Y" .

Daily displays the message on the first boot of the day, Weekly on the first boot after Sunday, and Monthly on the first boot of the month. The default setting is disabled.

Password on boot

Set a password for booting the computer. Only users who use correct password can boot the system. The default setting is disabled.

The Boot Menu

PhoenixBIOS Setup Utility					
Main	Advanced	Security	Power	**Boot**	Exit

	Item Specific Help
Removable Devices CD-ROM Drive ＊ Hard Drive	Keys used to view or configure devices: <Enter> expands or collapses devices with a + or p <Ctrl+ Enter> expands all <Shift+1> enable or disables a device. <+> and <-> moves the device up or down. <n> May move removable device between the Hard Disk or Removable Disk <d> Remove a device that is not installed

F1	Help		Select Item	-/+	Change Values	F9	Setup Defaults
ESC	Exit	↔	Select Menu	Enter	Select ▶ Sub-Menu	F10	Save and Exit

After you turn on your computer, it will attempt to load the operating system (such as Windows XP) from the device of your choice. If it cannot find the operating system on that device, it will attempt to load it from one or more other devices in the order specified in the Boot Menu. Boot devices (i.e., with access to an operating system) can include: hard drives, floppy drives, CD ROMs, removable devices (e.g., USB Floppy Disk), and network cards.

Specifying any device as a boot device on the Boot Menu requires the availability of an operating system on that device. Most PCs come with an operating system already installed on hard-drive C:.

Use this menu to arrange to specify the priority of the devices from which the BIOS will attempt to boot the Operating System. In the example above, the BIOS will attempt first to boot from the CD-ROM

drive (the only Removable Device listed). Failing that, it will attempt to boot from the Primary Master hard disk, and so on down the list. **Removable Devices**, **Hard Drive**, and **Network Boot** are the generic types of devices on your system from which you can boot an operating system. You may have more than one device of each type. If so, the generic type is marked with a plus or minus sign. Use the <Enter> key to expand or collapse the devices marked with <+> or <->. Press <Ctrl+Enter> to expand all such devices.

Note: Floppy drives are not managed on this menu as part of Removable Devices.

To change a device' s priority on the list, first select it with the up-or-down arrows, and move it up or down using the <+> and <-> keys. Pressing <n> moves a device between the Removable Devices and Hard Drive. Pressing <Shift+1> enables or disables a device.

The Exit Menu

PhoenixBIOS Setup Utility					
Main	Advanced	Security	Power	Boot	**Exit**

	Item Specific Help
Exit Saving Changes Exit Discarding Changes Load Setup Defaults Discard Changes Save Changes	Exit System Setup and save your changes to CMOS.device that is not installed

F1	Help		Select Item	-/+	Change Values	F9	Setup Defaults
ESC	Exit	↔	Select Menu	Enter	Select ▶ Sub-Menu	F10	Save and Exit

Exit Saving Changes

After making your selections on the Setup menus, always select either "Saving Values" or "Save Changes." Both procedures store the selections displayed in the menus in **CMOS** (short for "battery-backed

CMOS RAM") a special section of memory that stays on after you turn your system off. The next time you boot your computer, the BIOS configures your system according to the Setup selections stored in CMOS.

During boot up, *Phoenix*BIOS attempts to load the values saved in CMOS. If those values cause the system boot to fail, reboot and press **<F2>** to enter Setup. In Setup, you can get the Default Values (as described below) or try to change the selections that caused the boot to fail.

Exit Discarding Changes

Use this option to exit Setup without storing in CMOS any new selections you may have made. The selections previously in effect remain in effect.

Load Setup Defaults

To display the default values for all the Setup menus, select "Load Setup Defaults" from the Main Menu.

If, during boot up, the BIOS program detects a problem in the integrity of values stored in CMOS. The CMOS values have been corrupted or modified incorrectly, perhaps by an application program that changes data stored in CMOS.

Press **<F1>** to resume the boot or **<F2>** to run Setup with the ROM default values already loaded into the menus. You can make other changes before saving the values to CMOS.

Discard Changes

If, during a Setup Session, you change your mind about changes you have made and have not yet saved the values to CMOS, you can restore the values you previously saved to CMOS.

Save Changes

Selecting "Save Changes" saves all the selections without exiting Setup.
You can return to the other menus if you want to review and change
your selections.

Chapter 5: Expanding The Notebook

This chapter delivers the information about expanding your notebook computer by connecting other peripheral devices.

Using PC Cards

This computer is installed with one PC card slot on the left side of the notebook. PC Cards are credit card-sized peripheral products based on the standards developed by PCMCIA (Personal Computer Memory Card International Association) such as a Wireless LAN card, a flash memory card, SCSI card and so on.

PC Card Type

This computer' s PC Card slot allows uses a type II card.

Card Bus Support

This computer' s PC Card slot supports CardBus specification. CardBus is the 32-bit extension of the original 16-bit PC Card specification. CardBus cards provide higher performance.

Inserting and Removing a PC Card

You can install or change PC cards while your notebook is turned on.

Note Some PC Cards require additional system resources. Before using this PC Card, you must to free other system resource for the PC Card.

PC Card Slot　　**Eject Button**

1. Orient the card correctly. The label side of the card faces up. One of the narrow edges has a row of pinholes. This edge inserts into the slot.
2. Insert the card into the slot. The slot had protected by cover. The covers will fold out of the way when you insert the card. When the card is nearly all the way inserted, press quite firmly to ensure that the card mates properly with the connector inside the slot.
3. Your notebook will emit two beeps (in rising tones) to let you know that the card has been recognized by the system. If Windows has the appropriate drivers to use the card, they will be loaded automatically. For some cards, you may have to install drivers or software, supplied by the card manufacturer.
4. Before ejecting a CardBus card, it is important that you tell Windows to stop using the card. Click on the card icon on the right side of the Windows task bar. When the stop button appears, click on it. Windows will display a message that the card can now be safely removed.
5. When you insert a card, the card eject button will be forced outward from the edge of the case. To eject a card from the slot, press the eject button back into the notebook. The card will disconnect from the internal connector and you can remove it from the slot. The notebook will emit two beeps (in falling tones) to let you know that the card has ejected.

Connecting a USB 2.0 Device
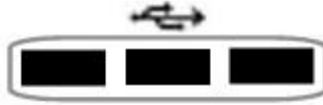
The USB 2.0 is the new generation interface, which supports 480Mbps (max) data transfer rate.

This computer has three USB 2.0 (Universal Serial Bus) ports on the left side of the computer for connecting USB devices such as mouse, external USB floppy disk drive, external USB optical drive, camera and so on. It supports "Plug and Play" technology so you can install and remove USB devices without turning off the computer.

NOTE: Please download the newest USB 2.0 drive from the Internet

Connecting an External Monitor
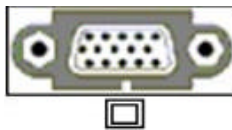
This computer supports one 15-pin external monitor port on the left of the computer for external display device.

IF you want to use a larger screen display screen with higher resolution, you can attach a video cable into this port to connect your notebook to the external CRT monitor or LCD monitor.

Internal Components Upgrade

Here is a list of upgrading options that are not user-serviceable:

1. DDR Memory
2. Internal hard disk

Warring *We recommend that you contact your dealer and ask them to install any additional components. Installing these components by yourself may cause damage to your system.*