

- DC Power Port
Lets you connect the AC power adapter in supplying continuous power to your notebook and recharging the battery.

1.6 The Left Side of the Notebook

The left side of your notebook computer provides the features shown in the following figure.



1. Locking Device Keyhole 2. Modem Port
3. Optical Disk Drive

- Locking Device Keyhole
Lets you attach a Kensington security system or a compatible lock to physically secure your notebook computer.
- Modem Port
A 56K internal fax/data modem is installed. It keeps you connected to the outside world through phone line.

+ For electrical safety concerns, only use telephone cables rated 26AWG or higher.

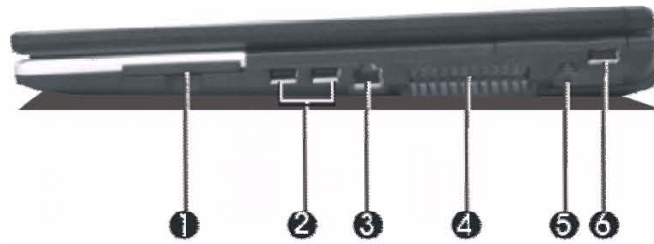
When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- 1. 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.*
- 2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.*
- 3. Do not use the telephone to report a gas leak in the vicinity of the leak.*
- 4. 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.*

- Optical Disk Drive
Allows you to load and start programs from a compact disc (CD) or a digital video disc (DVD) and play conventional audio CDs. It also can make CD/DVD by using CD-R/RW or DVD-R/RW.

1.7 The Right Side of the Notebook

The right side of the notebook computer offers the features shown in the following figure.



1. ExpressCard Slot
3. LAN Port
5. IEEE 1394

2. USB 2.0 Ports
4. Air-Outlet Vent
6. USB 2.0 Ports

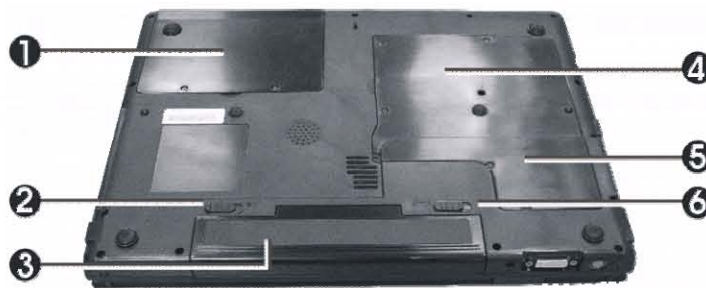
Right Side Features

- **ExpressCard Slot**
A newly developed PC Card interface, its connector has 26 pins and has a potential transfer rate of up to 500 MB/sec (or 250 MB/sec in each direction).
- **USB 2.0 Ports**
The Universal Serial Bus (USB) port allows you to connect USB 2.0-compliant devices (for example, printers, scanners and so on) to your notebook computer.
- **LAN Port**
An internal 10Base-T/100Base-TX Ethernet LAN module connects your computer to other computers/networks through a local area network (LAN).
- **Air-Outlet Vent**
Emits the heat out of your computer and keeps it within operating temperature.

- IEEE 1394
IEEE 1394 port is a high speed I/O port that can transfer high levels of data in real-time, such as external hard disk, Digital Video Camera.
- USB 2.0 Ports
The Universal Serial Bus (USB) port allows you to connect USB 2.0-compliant devices (for example, printers, scanners and so on) to your notebook computer.

1.8 The Underside of the Notebook

The bottom of the notebook computer offers the following features.



- | | |
|-----------------------------|--------------------------|
| 1. Hard Disk Compartment | 2. Battery Lock Latch |
| 3. Battery Bay | 4. Memory Compartment |
| 5. Wireless LAN Compartment | 6. Battery Release Latch |

Bottom of the System

- Hard Disk Compartment
Open this cover of this compartment to replace with other Hard Disk Drive. Please refer to Chapter 7 for how to replace it.

- **Battery Lock Latch**
Push the latch to the lock side to lock and secure the battery, or push the latch to the unlock side for unpacking the battery pack.
- **Battery Bay**
Equipped with a choice of Lithium-Ion (Li-Ion) battery pack.
- **Memory Compartment**
There are two SO-DIMM memory slots. One memory slot is empty for upgrade usage.
- **Wireless LAN Compartment**
This compartment is for installing Wireless LAN module to enable the Wireless LAN function. We strongly suggest that Wireless LAN module should be installed only by certified dealer.
- **Battery Release Latch**
To release the battery, first locate the Battery Lock Latch at the left side with unlock status, then push the Battery Release Latch to the right end to remove the battery pack.

1.9 Notebook Accessories

AC Adapter

The AC Adapter supplies external power to your notebook computer and charges the internal battery pack simultaneously. The AC adapter has an auto-switching design that can connect to any 100VAC ~ 240VAC power outlets. You just change the power cord if you are going to use your notebook in other countries with different connector outlets.

When you connect the AC adapter, it charges the battery whether or not the notebook computer is powered on.

Battery Pack

Aside from the AC adapter, your computer can also be powered through the internal battery pack. The battery pack uses rechargeable Lithium-Ion (Li-Ion) battery cells that provide long computing hours when fully charged and power management enabled. You should always leave the battery inside your computer even when using the AC adapter as it also acts as a back-up power supply in case power from the AC adapter is cut off. It is also very important to have the battery pack always charged to prevent battery cell degradation.

1.10 Notebook Options

DVD/CD-RW Combo Device Pack

This device pack can write data to CD-R or CD-RW CD for you to backup the data and also can read DVD/CD title.

DVD dual (Dual Rewritable DVD combo) Device Pack

This device pack combines following two standard packs. Using the suitable media, you can make any format of CD or DVD as you want.

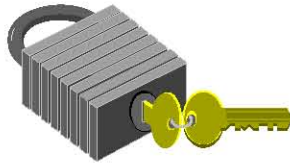
DVD-RW combo:

This device pack can write data to CD-R or CD-RW and DVD-R or DVD-RW media and also can read DVD/CD title. This media is commonly used on DVD video player.

DVD+RW combo:

This device pack can write data to CD-R or CD-RW and DVD+R or DVD+RW media for you to backup the data and also can read DVD/CD title. This media is commonly used on newer DVD video player.

2 Getting Started



Your Notebook is designed and pre-configured for easy setup and use. This chapter describes the installation steps you should follow to get the notebook up and running as quickly as possible. Contact your dealer if they have pre-installed all the needed drivers to fully operate your computer or if there is an update on the driver installation of the notebook.

2.1 Using the Battery Pack

The notebook is designed to operate with one of the following power sources:

- With AC power using the AC adapter connected to an electrical outlet.
- With a Lithium-Ion (Li-Ion) battery pack.

You should use the AC adapter whenever it is possible, relying on the battery pack only when AC power is unavailable.

Before you use your notebook computer, install and recharge the battery pack first. The rechargeable Li-Ion battery pack allows you to operate the notebook without an external power source. When you connect the AC power adapter, the battery immediately starts to recharge. Normal battery charging time is 2 hours for Lithium-Ion (Li-Ion) battery pack when your computer is turned off.

For maximum battery performance, fully discharge the battery first before recharging it when you start to use it first time. To do so, unplug the AC adapter, turn off power management features (through Setup and Windows), and turn on the system. Once the battery is fully discharged, plug in the AC adapter and recharge the battery.

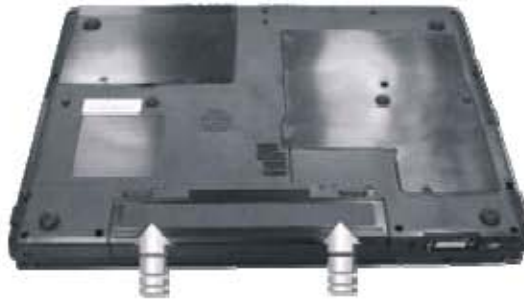
If you do not discharge the battery completely, it fails to accept a full recharge.

+ *Li-Ion battery is vulnerable, do not charge it with other power adapter, or it may cause fire or explosion.*

+ *Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.*

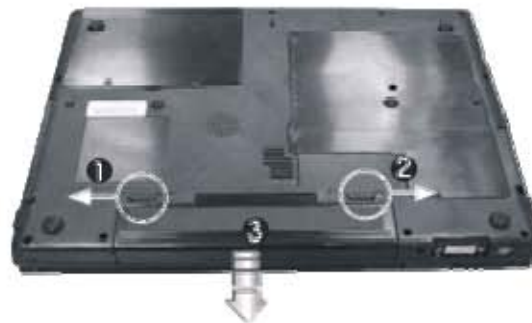
Installing the Battery Pack

This notebook provides the most convenient way to install the battery pack into your computer. With the extended nose directed toward the compartment, insert and push the battery pack.



Removing the Battery Pack

To remove the battery pack, slide the lock latch to the end of left side to unlock the battery lock latch (1), and slide the battery release latch to the end of right side to release the battery latch (2), then take out the battery pack with your finger (3).



Replacing the Battery Pack

When your notebook estimates that the battery only has enough charge to continue for a few minutes, it will alert you with a battery low warning beep. If you are consuming a lot of power by using the audio system, the PCMCIA slots, the hard disk drives, and optical disk drive, your notebook might run out of charge much sooner than you expect. You should always respond to the battery low indication by connecting to AC power or turning off your notebook, or suspending your notebook to disk. If you do not do so, the notebook will automatically suspend to disk and turn off. The contents of the memory will store in the hard disk drive. You will be unable to restart the notebook until you have connected to the AC adapter or installed a charged battery. To replace the battery pack, refer to the previous sections on "Installing the Battery Pack" and "Removing the Battery Pack."

+ *For Window XP, the suspend mode (Hibernate or Standby) can be chosen at Power Options of Windows's Control Panel)*

+ *Be sure to save your data before replacing the battery pack or connecting the AC adapter. Failure to do so can result in data loss.*

EXTENDING BATTERY LIFE

It is important to be aware of the simple things for extending the life of the system main battery while you are on the road. You should find a working place where the external lighting is not too bright and turn down the screen brightness. Also, you can choose the available mode on the Power Management item of the Control Panel in Windows.

2.2 Connecting the AC Power Source

The AC adapter provides external power source to your computer and charges the internal battery pack at the same time. The AC adapter also has an auto-switching design that can connect to any 100VAC ~ 240VAC power outlets.

To connect the power adapter:

1. Plug the AC power cord into the power socket of the AC power adapter.
2. Plug the other end of the AC power cord to a live AC wall outlet.



3. Plug the connector of the AC adapter to the DC-IN port found at the rear side of the computer.

+ Whenever possible, it is advisable to always have the AC adapter connected to the notebook and the battery pack installed. This ensures continuous power supply and prevents any data loss incurring from sudden power breakdown.

- + • *For the power supply of this equipment, an approved power cord has to be used.*
- *Make sure the socket and any extension cord(s) you use can support the total current load of all the connected devices.*
- *Before cleaning the computer, make sure it is disconnected from any external power supplies (i.e. AC adapter).*

2.3 Starting Your Computer

The Power/Resume button is found on the top of the base unit. Press the Power/Resume button to start your computer and check that if the Power LED turns on.



After a few seconds, the computer's display will turn on and your computer will begin to execute the Power On Self Test or POST to check if all system components are running properly. Any error found during the test will be displayed on the screen and may generate short beep sound as well.

After the test, the screen will also display a message "**press <F2> to enter SETUP**". You don't need to run this program at the moment as your dealer already made the necessary settings for your computer optimal operation. Refer to Chapter 6 on running the SETUP program later.

After the test has completed, your computer will start to search and boot up the operating system from your hard drive. The notebook computer normally comes with a Windows operating system pre-installed in your hard drive. Consult the Windows manual on how to use the program. If not, contact your dealer for assistance.

2.4 Adjusting the Display Controls

The LCD brightness adjustment is controlled by **<Fn> + <F8>** and **<Fn> + <F9>** keys respectively. You need to press these hot-key controls after powering on your notebook to suit your viewing pleasure.

The Brightness hot-key control adjusts the brightness on the LCD. The brightness hot-key control will not set the LCD completely dark or bright; it provides sufficient lighting to the LCD to match the external lighting of the surrounding. The brighter the room, the more you need to increase the brightness of the LCD.

2.5 Installing the Notebook Device Drivers

If you already have an operating system installed into your notebook computer, it is best to install the needed device drivers for using the built-in devices of your computer. Before installing the drivers, check with your dealer

first if they have already installed all the drivers along with the operating system. If not, follow the procedures below:

INSTALLING WINDOWS XP FROM OPTICAL DISK DRIVE

To install Windows XP directly from your optical disk drive, please go to **Boot** menu of **BIOS** setup menu. Use arrow key to select "CD-ROM Drive", then use "+" or "-" to move it to the top. Go to **Exit** menu and select "**Exit Saving Changes**". Accordingly, insert the Windows XP installation CD into optical disk drive with following the instructions on the screen to finish the installation.

DRIVER INSTALLATION NOTE:

+ *Please install Chipset driver first.*

+ *Before install Card Reader utility , please install CdRdr utility first.*

INSTALLING THE CHIPSET (SMBUS,SMU) DRIVER

Your notebook computer uses the advanced chipset. Installing the driver to enhance the stability and performance:

Installing Chipset device driver for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as "**E:\Drivers\WinXP\Chipset\setup.exe**".
3. Click "**OK**" to execute the setup program. The **Setup** box appears.
4. Click "**Next**" continuously to install this driver when screen displays this command.

5. Click "Next" to continue the driver installation.
6. Tick the option "Yes, I want to restart my computer now.", and press **Finish** to restart your system.

INSTALLING POWERNOW (AMD TURION 64X 2/SEMPRON) UTILITY

Following is the procedure for installing the PowerNow utility to drop CPU frequency:

Installing PowerNow utility for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as "E:\Drivers\WinXP\PowerNow\setup.exe".
3. Click "Next" to execute the setup program. The **Setup** box appears.
4. Tick the option "I accept this agreement", and click "Next" to continue.
5. Click "Finish" to finish the installation.

INSTALLING THE VGA DRIVER

Following is the procedure for installing the Video Accelerator 3D Adapter VGA driver to your computer:

Installing VGA device driver for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as "E:\Drivers\WinXP\VGA\setup.exe".

3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **Next** to install this driver when screen displays this command.
5. Tick the option **"Yes, I want to restart my computer now."**, and press **Finish** to restart your system.

INSTALLING THE AUDIO DRIVER

Your notebook computer uses the Realtek Audio controller:

Installing Audio device driver for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as
"E:\Drivers\WinXP\Audio\Setup.exe"
where the audio driver is located.
3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **"Next"** to continue the following steps.
5. Tick the option **"Yes, I want to restart my computer now."**,
and press **"Finish"** to restart your system.

INSTALLING THE MODEM DRIVER

Please follow the procedures below for installing the Azalia Modem driver:

Installing Modem driver for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click **Browse** button and navigate to the directory as
"E:\Drivers\WinXP\Modem\Setup.exe"
3. Click **"OK"** to execute the setup program. The **Setup** box appears.

4. Click **“OK”** to implement the setup program to install this driver.
5. Click **“OK”** to complete it.

INSTALLING ALPS - TOUCHPAD DRIVER

Please follow the procedures below for installing the ALPS Touch Pad driver:

Installing ALPS - Touchpad driver for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as **"E:\Drivers\WinXP\Touch Pad\Setup.exe"**.
3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **“Next”** twice to install this driver when screen displays this command.
5. Tick the option **"Yes, I want to restart my computer now."**, and press **Finish** to restart your system.

INSTALLING FSC D2301 WIRELESS LAN DRIVER AND UTILITY

Please follow the procedures below for installing the FSC D2301 Wireless LAN driver and utility .

Installing Wireless LAN driver and utility for Windows XP

1. Click the **Start** button and then click **Run**. The **Run** dialog box appears.
2. Click **Browse** button and specify the directory as **"E:\Drivers\WinXP\ Wireless LAN\D2301\Setup.exe"**

3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **"Next"** twice continuously to install this driver when screen displays this command.
5. Click **"Finish"** to finish the installation.

INSTALLING LITEON WIRELESS LAN DRIVER

Please follow the procedures below for installing the LiteOn Wireless LAN driver.

Installing Wireless LAN driver for Windows XP

1. Click the **Start** button and then click **Run**. The **Run** dialog box appears.
2. Click **Browse** button and specify the directory as
"E:\Drivers\WinXP\Wireless LAN\LiteOn\setup.exe"
3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **"Next"** to install this driver when screen displays this command.
5. Click **"Next"** to finish the driver installation.

INSTALLING THE LAN DRIVER

Please follow the procedures below for installing the LAN driver:

Installing LAN driver for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as.
"E:\Drivers\WinXP\LAN\setup.exe"
3. Click **"OK"** to execute the setup program. The **Setup** box appears.

4. Click **“Next”** twice to continue the following steps.
5. Tick the option **“Yes, I want to restart my computer now.”**, and press **Finish** to restart your system.

INSTALLING THE BLUETOOTH DRIVER AND UTILITY

Please follow the procedures below for installing the Bluetooth driver and utility:

Installing Bluetooth driver and utility for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as.
“E:\Drivers\WinXP\Bluetooth\setup.exe”
3. Click **“OK”** to execute the setup program. The **Setup** box appears.
4. Select Language and click **“OK”** to continue the installation.
5. Click **“Next”** to continue the following steps.
6. Tick the option **“I accept the terms in the license agreement”**, and press **“Next”** to continue.
7. Click **“Install”** to continue.
8. Tick the option **“I accept”**, and press **“OK”** to install driver.
9. Click **“Finish”** to finish the installation.

INSTALLING CARD READER UTILITY

Please follow the procedures below for installing the Card Reader utility:

Installing Card Reader utility for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as.
"E:\Drivers\WinXP\Card Reader\Setup.exe"
3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **"Next"** to implement the setup program to install this utility.
5. Tick the option **"Yes, I want to restart my computer now."** ,
and press **Finish** to restart your system.

INSTALLING CDRDR UTILITY

Please follow the procedures below for installing the CdRdr utility:

Installing CdRdr utility for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as.
"E:\Drivers\WinXP\CdRdr\CdRdr.exe"
3. Click **"OK"** to execute the setup program.

INSTALLING SILENT MODE UTILITY

Please follow the procedures below for installing the CdRdr utility:

Installing Silent Mode utility for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as.

"E:\Drivers\WinXP\Silent Mode\setup.exe".

3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **"Next"** then click **"Install"** to setup this utility when screen displays this command.
5. Click **"Finish"** to finish the installation.

INSTALLING HOTKEY UTILITY

Please follow the procedures below for installing the Hotkey utility:

Installing Hotkey utility for Windows XP

1. Click the **Start** button, then point to **Run**. The **Run** dialog box appears.
2. Click the **Browse** button and specify the directory as.
"E:\Drivers\WinXP\Hotkey\setup.exe".
3. Click **"OK"** to execute the setup program. The **Setup** box appears.
4. Click **"Next"** then click **"Install"** to setup this utility when screen displays this command.
5. Click **"Finish"** to finish the installation.

2.6 Turning off Your Computer

If you are not going to use the computer for a while, it is best to turn off the power of the computer for longer use. Before turning off the power, you need to close first all application programs and shutdown the operating system.

After turning off the computer, make it a habit to leave the LCD panel open for a while whenever used for an extended period of time. This allows the

inside parts of the computer to cool off. Closing the panel will force the heat up against the LCD screen, which may degrade the LCD when done regularly. More importantly, never close the LCD panel for a long period of time when computer is on and power saving features are disabled.

3 Using Your Notebook



This chapter describes how to operate the standard built-in features of the notebook that you normally would use in your day-to-day computer work. If you are new to computers and to your operating system, you also need to read the manual for the operating system on how to work with your computer. It is very important to familiarize yourself well with the operating system. The succeeding chapters not only guide you to go beyond the basics, but also try other exciting features.

3.1 Starting Your Operating System

The operating system is a must ingredient in using your computer. Without an operating system, it is like playing chess without the chessboard. It is the platform for all your software application programs to run on. The most popular operating system today is Microsoft Windows. You should have installed one operating system by your dealer unless you are an expert computer user and would need a more powerful operating system. If you have an operating system already installed in your computer, then you would be up and running after you power on your computer and boot up the system. Check your operating system manual on how to run it.

3.2 Understanding the Keyboard Functions

Your notebook computer is equipped with an 87 keys keyboard that provides all the functionality of a full-sized 101 or 102-key keyboard. Aside from the standard typewriter-layout keyboard of your computer, there are a number of extra features and function controls on the built-in keyboard including Windows system hot keys.



- | | |
|---------------------------|------------------------|
| 1. Function Keys | 2. Control Keys |
| 3. Windows Start Menu Key | 4. Control Keys |
| 5. Windows Shortcut Key | 6. Cursor Control Keys |

Keyboard

Key features and operations are described below:

- Function Keys**
 Function keys are application-driven, like **F1** through **F12** can be found on the keyboard. These keys work together with the **Fn** key to activate special functions. Some keys (printed in blue on keypad) are preprogrammed with dual functions.
- Control keys** — **Ctrl**, **Alt**, **Fn**, and **Shift** are controls used in conjunction with other keys to change their functions. To use control keys, press and hold the control key while pressing another key. For example, "Press **Ctrl-C**" means to hold down the **Ctrl** key and type the letter **C**. Key combinations work especially to the application you are running.

- **Windows keys**

Use the following two keys to facilitate your work:

⇓ Start Menu key

Displays the Start menu.

⇓ Shortcut/Application key

Provides quick access to shortcut menus. This key acts like a right mouse button.










- **Cursor Control keys**




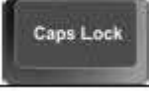

Cursor control keys let you position the cursor on the screen where you want. In the screen, the cursor is a blinking underline, block, or vertical bar depending on the application. The cursor indicates where the next text typed is inserted.

- **Typewriter keys**





Typewriter keys (also called *alphanumeric* keys) are used to enter text and characters. Keys with blue print on them behave differently when combined with control keys.

BASIC KEYBOARD FUNCTIONS





Keypad	Function Description
	< Enter > key. Execute a command. Within many text editing application programs, the <Enter> key inserts a hard carriage return, just like what ordinary typewriter does.
	< Esc > key. Press this key to cancel or escape from a command or function.
	< Ins > key. Known as the Insert key. Press this key to toggle the keyboard data entry from insert to type over mode.
	< PrtScr > key. Known as the Print Screen key. Press this key to map the whole screen to share memory for your specific usage.
	< Del > key. Known as the Delete key. Press this key to delete the character to the right of the cursor, or delete marked texts or items.
	< Pause > key. Press this key to temporarily halt execution of a command. Pressing any other key to resume execution of a command.
	< Backspace > key. Press this key to delete the character to the left of the cursor.
	< Shift > key. Press this key in combination with alphabet letters to produce uppercase letters in typing. Use this key in combination with those two-character keys (found on the second row of the keyboard) to produce the uppermarked keys. Also used in most application program in combination with other keys to execute a certain command.
	< Tab > key. Press this key to move the cursor to the next tab stop on the right. This key works much the same as in ordinary typewriter.

Keypad	Function Description
	< Ctrl > key. Known as the Control key. Used in most application program in combination with other keys to execute a certain command.
	< Alt > key. Known as the Alternate key. Used in most application program in combination with other keys to execute a certain command.
	< Fn > + < Num Lock > key. Activates the embedded 15-key numeric keypad. The keys are color coded blue.
	< Caps Lock > key. Used in most application program to always activate uppercase alphabet characters.
	< Fn > + < Scroll Lock > key. Used in most application program to scroll the screen without having to move the cursor.



CURSOR CONTROL KEYS

Keypad	Function Description
	Up arrow key. Moves the cursor up one line at a time.
	Down arrow key. Moves the cursor down one line at a time.
	Left arrow key. Moves the cursor to the left one space at a time.
	Right arrow key. Moves the cursor to the right one space at a time.

SCREEN CONTROL KEYS







Keypad	Function Description
	< Home > key. Moves the cursor to the beginning of a screen or line.
	< PgUp > key. Moves the cursor up one screen at a time.
	< PgDn > key. Moves the cursor down one screen at a time.
	< End > key. Moves the cursor to the end of a screen or line.

WINDOWS HOT KEYS

Keypad	Function Description
	< Start > key. Pulls up the Windows Start menu.
	< Right Click > key. Performs a mouse right-click function for Windows system.

SPECIAL FUNCTION KEYS

The notebook has special system function keys that activate key serving dual functions. When pressed in conjunction with the <**Fn**> key, these keys set specific system parameters and are sometimes referred to as "hot keys".

Keypad	Function Description
	Switches display between LCD, CRT, or LCD and CRT simultaneously.
	To shut down or resume the built-in system speaker volume.
	Increases the brightness of LCD display incrementally.
	Decreases the brightness of LCD display incrementally.
	Decreases the audio volume of the notebook incrementally.
	Increases the audio volume of the notebook incrementally.

3.3 Using the Touchpad Pointing Device

Your computer comes with a built-in touchpad pointing device that is found on the center of the palm-rest surface.

The touchpad offers a number of options that let you customize how it

functions. To access these options, locate the **Control Panel** and double click on the **Mouse** icon. The options let you control the size and color of the cursor, cursor speed, the accepted double-click speed, and selection button orientation.

The touchpad works a mouse pointing device replacement that is used under Windows-based operating system. You can use the standard Microsoft driver that is compatible with the touchpad device and is normally used under Windows-based operating system. However, if you want to utilize the added features of the touchpad, you may want to try installing its own device driver that comes with added utilities for enhancing the function of the device.



- 1. Left Selection Button
- 2. Right Selection Button
- 3. Touchpad

Touchpad Features

Here how to use the touchpad pointing device:

1. The rectangular surface acts like a miniature duplicate of your display screen. To move the mouse cursor, place the finger lightly on the sensor pad and move in the desired direction. If you reach the end of the pad, lift your finger and place it back down on the other side of the pad.
2. To select an item, click on the item by pressing the left button control or by simply tapping on the surface once. A light, quick tap always works best. To execute an item, click the left button twice or do a quick double tap on the surface.
3. To simulate holding the mouse button down (dragging an icon or selection), use the tap-and-drag gesture. This feels much like a double-click, except that the finger remains on the pad after the second tap: Tap, lift, tap, hold and move. The simulated button remains held as long as the finger remains on the pad.
4. When you press both the Left and Right click button at the same time, the auto Scroll function will be activated.

+ Avoid spilling any liquid on the touchpad surface and always keep the touchpad surface and pointing finger dry from sweat built-up. Also do not expose touchpad to any magnetic source object.

3.4 Configuring Your Screen Display

The VGA display function of your notebook is based on a high performance AGP local bus controller and is fully VGA compatible. This controller offers a large set of extended functions and higher resolutions especially useful when you are connecting an external high-resolution and high-frequency CRT or LCD.

Please Refer to Section 5 "Installing the Notebook Device Drivers" of Chapter 2 in this manual for the procedures on how to install the VGA device driver under Windows. After installing the VGA driver, you would then configure the display resolution or screen size to match your LCD display panel. This notebook computer model provides Wide screen 15.4" 1280x800 (Wide XGA) resolution panels. You would also probably want to set the amount of color output to display sharper images and photos.

POSSIBLE DISPLAY CONFIGURATIONS

The table below shows you the possible display resolution you can set when using either the LCD display or the external monitor (CRT):

Display	Possible Resolution	Maximum Colors
Widescreen 17" 1280x800 WXGA+ LCD	800x600	16 million colors
	1024x768	16 million colors
	1280x768	16 million colors
	1280x800	16 million colors
CRT Only	800x600	16 million colors
	1024x768	16 million colors
	1152 x 768	16 million colors
	1280x1024	16 million colors

- + *65,536 or 64K colors is also equivalent to 16-bit high color while 16 million or 16M colors is equivalent to 32-bit true color.*
- + *You can use the <Fn> + <F3> hot-key to switch the display between LCD only, CRT only, or both LCD and CRT display.*