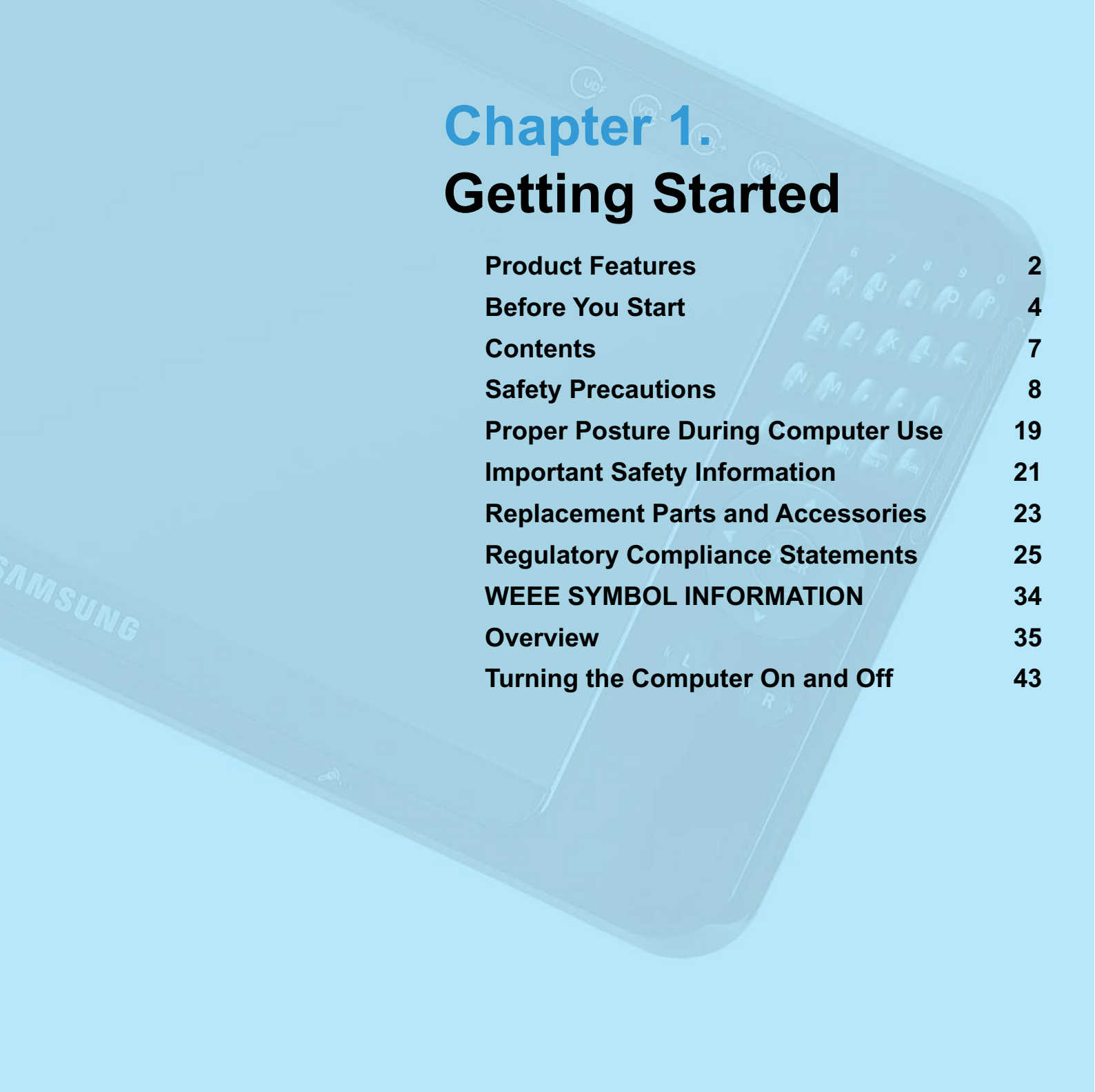




# **Chapter 1.**

## **Getting Started**

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## Product Features



### Small but Strong UMPC (Ultra Mobile PC)

---

- Intel® Core™ Solo mobile processor (Optional)
- 512MB~Up To 1GB DDR2 Memory (Optional)



### 7" WSVGA TFT LCD

---

- Basic Resolution of 1024x600 Pixels, When an external display is connected Maximum Resolution of 2048x1536 Pixels
- A Touch Screen and Touch Sensor buttons (optional) have been adopted allowing convenient input with your fingers.
- A Keypad has been adopted to easily enter characters
- A convenient mouse function (Mouse/Joystick, Mouse Button applied)



### Microsoft Windows XP Tablet PC Edition

---

- Resolve PDA and Pocket PC restrictions
- Usability Similar to a Normal PC with Windows



### Powerful Multimedia Functions

---

- Various Multimedia Programs Such as AVStation Premium etc.
- Dual camera for photographing and video recording (Optional)



## Multiple Network Support

---

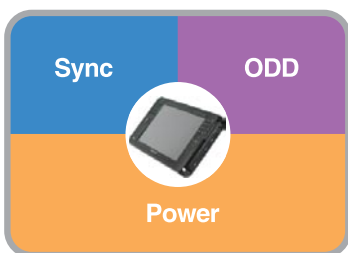
- Wired LAN, Wireless LAN, Bluetooth (Optional)
- Resolves Space Restrictions through the Wireless Communication Function



## Compact, Light-Weight Design for Portability / Polished Design

---

- A mere 860g (1.90lb) (Without optional items)
- High-Gloss Front Panel



## Optional Accessories for Additional Convenience

---

- USB Data Cable Enabling Data Exchange with another PC.
- USB External ODD(Optical Disk Drive), Ultra-Slim USB External Keyboard
- Power Bank to Extend Usage Time

# Before You Start

Before reading the User Guide, first check the following information.

## User Guide Information

This product is supplied with an **Getting Started Guide**, and a **User Guide**.

You can even more easily and conveniently use the computer by using any of the guides depending on your needs.

### Getting Started Guide

This guide is provided so that you can conveniently refer to this guide when using the computer for the first time after purchasing it.

### User Guide

You are currently reading the User Guide. To open the file at any time, double-click the icon on the Desktop.

Alternatively, select **Start > All Programs > Samsung>User Guide > User Guide**.

This document includes the computer functions, how to use the functions, and how to use the program.

## Utilizing the User Guide

- ❶ Be sure to read the **Safety Precautions** before using the computer.
- ❷ For basic usage of the computer refer to the additionally supplied **Getting Started Guide**.
- ❸ Refer to the **User Guide** for the procedures to use the computer.
- ❹ Using the **Index** of the User Guide, you can easily find any information you are looking for.
- ❺ Using the **Glossary** of the User Guide, you can easily find meanings for technical terms.
- ❻ If a problem occurs, refer to the **Q & A** included in the User Guide.



- Some devices and software referred to in the User Guide may not be provided and/or changed by upgrade.  
Note that the computer environment referred in the User Guide may not be the same as your own environment.
- Images used in this User Guide may differ from actual product.



- This guide describes procedures for using both the mouse and the stylus pen together. A '**Click**' in this guide refers to a '**Single-tap**' for the Stylus Pen.
- The illustrations provided in this guide assume that your operating system is Windows XP Tablet PC Edition. These illustrations are subject to change.
- The User guide supplied with this computer may vary depending on your model.

## Safety Precaution Notations

| Icon | Notation       | Description                                                                                                          |
|------|----------------|----------------------------------------------------------------------------------------------------------------------|
|      | <b>Warning</b> | Failing to follow instructions marked with this symbol, may cause personal injury and or fatality.                   |
|      | <b>Caution</b> | Failing to follow instructions marked with this symbol, may cause slight injury to yourself or damage your property. |

## Text Notations

| Icon | Notation                                                                    | Description                                                                                                                                                                        |
|------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <b>Before You Start</b>                                                     | Content included in this section includes information required before using a function.                                                                                            |
|      | <b>Caution</b>                                                              | Content included in this section includes information required about the function.                                                                                                 |
|      | <b>Note</b>                                                                 | Content included in this section includes helpful information to use the function.                                                                                                 |
|      | <b>Page XX</b>                                                              | This notation represents the page number you can refer to for information about related functions or as a reference.                                                               |
|      | <b>Start &gt; All Programs &gt; Samsung &gt; User Guide &gt; User Guide</b> | This represents a menu path to run a program. Click the Start button and then select <b>All Programs &gt; Samsung &gt; User Guide &gt; User Guide</b> in this order from the menu. |

## Copyright

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No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, without the consent of Samsung Electronics Co., Ltd.

The information in this document is subject to change without notice due to improving the performance of the product.

Samsung Electronics shall not be liable for any data loss. Please take care to avoid losing any important data and backup your data to prevent any such data loss.

## About the Product Capacity Representation Standard

---

### About HDD Capacity Representation

The capacity of the storage device (HDD, SSD) of the manufacturer is calculated assuming that 1KB=1,000 Bytes.

However, the operating system (Windows) calculates the storage device

capacity assuming that 1KB=1,024 Bytes, and therefore the capacity representation of the HDD in Windows is smaller than the actual capacity due to the difference in capacity calculation. (E.g. For a 80GB HDD, Windows represents the capacity as 74.5GB,  $80 \times 1,000 \times 1,000 \times 1,000 \text{ byte} / (1,024 \times 1,024 \times 1,024) \text{ byte} = 74.505 \text{ GB}$ )

In addition, the capacity representation in Windows may be even smaller because some programs such as Recovery Solution may reside in a hidden area of the HDD.

### About Memory Capacity Representation

The memory capacity reported in Windows is lesser than the actual capacity of memory.

This is because BIOS or a video adapter uses a portion of memory or claims it for further use.

(E.g. For 1GB(=1,024MB) memory installed, Windows may report the capacity as 1,022MB or less)

The actual capacity of storage device can be checked in the Main menu of the BIOS Setup.

For further instructions on how to enter the BIOS Setup, refer to "BIOS Setup" in the User Guide.

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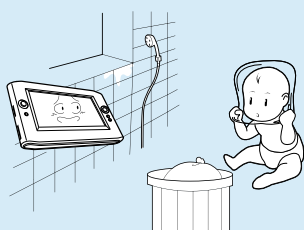
## Safety Precautions

For your security and to prevent damage, please read the following safety instructions carefully. Since this is commonly applied to Samsung Computers, some figures may differ from actual ones.

### Warning

Failing to follow instructions marked with this symbol may cause personal injury and even fatality.

#### Installation Related

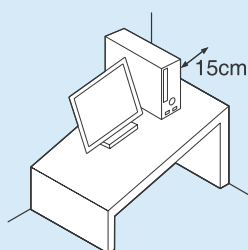


**Do not install the product in places exposed to humidity such as a bathrooms.**

There is a danger of electric shock. Use the product within the operating conditions specified in the Manufacturers User Guide.

**Keep the plastic bags out of the reach of children.**

There is a danger of suffocation.

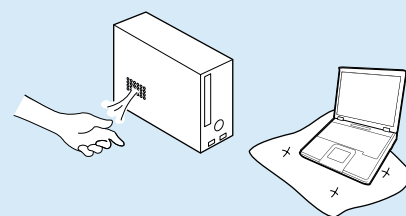


**Keep a distance of 15cm or more between the computer and the wall and do not place any objects between them.**

This may increase the internal temperature of the computer and may cause an injury.

**Do not install the computer on a slant or a place prone to vibrations, or avoid using the computer in that location for a long time.**

This increases the risk that a malfunction or damage to the product will occur.



**Avoid exposing any part of your body to the heat from the computer vent for a long time when it is on.**

Exposing a part of your body to the heat from the vent for long periods of time may cause a burn.

**Avoid blocking the vent at the bottom or side of the computer when using it on a bed or cushion.**

If the vent is blocked, there is a danger of damaging the computer or overheating the inside of the computer.



## Power Related

The power plug and wall outlet figures may differ depending on the country specifications and the product model.

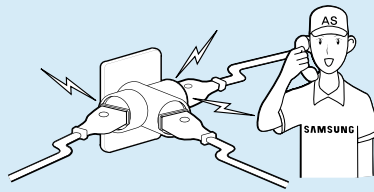


**Do not touch the mains plug or power cord with wet hands.**

There is a danger of electric shock.

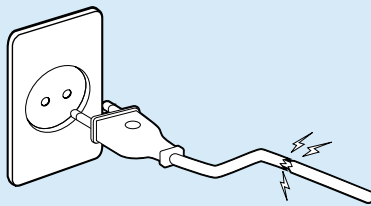
**Do not exceed the standard capacity (voltage/current) of a multi-plug or power outlet extension when using it for the product.**

There is a danger of electric shock or fire hazard.



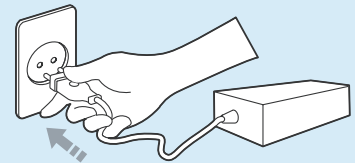
**If the power cord or power outlet makes a noise, disconnect the power cord from the wall outlet and contact a service center.**

There is a danger of electric shock or fire hazard.



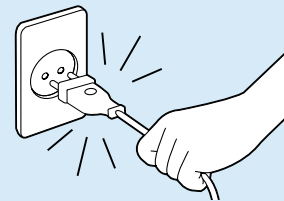
**Do not use a damaged or loose mains plug or power cord or power outlet.**

There is a danger of electric shock or fire hazard.



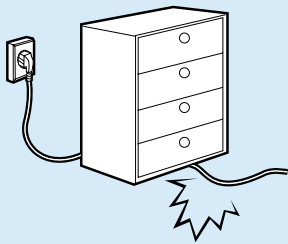
**Plug the power cord firmly into the power outlet and AC adapter.**

Failing to do so may cause fire hazard.



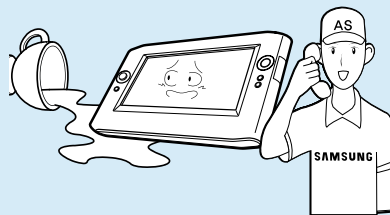
**Do not unplug the power cord out by pulling the cable only.**

If the cord is damaged, it may cause electric shock.



**Do not bend the power cord excessively or do not place a heavy object over the power cord. It is especially important to keep the power cord out of reach of infants and pets.**

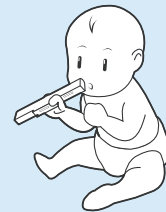
If the cord is damaged, it may cause electric shock or fire.



**If water or another substance enters the power input jack, AC adapter or the computer, disconnect the power cord and contact the service center.**

Damage to the device within the computer may cause electric shock or fire hazard.

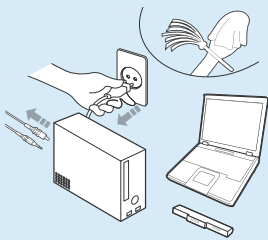
### **Battery Usage Related**



**Keep the battery out of the reach of infants and pets, as they could put the battery into their mouths.**

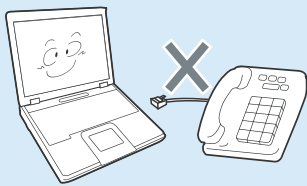
There is a danger of electric shock or choking.

## Usage Related



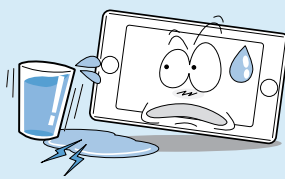
**Disconnect all cables connected to the computer before cleaning it. If you are using a notebook computer, remove the battery.**

There is a danger of electric shock or damage to the product.



**Do not connect a phone line connected to a digital phone to the modem.**

There is a danger of a electric shock, fire or damage to the product.



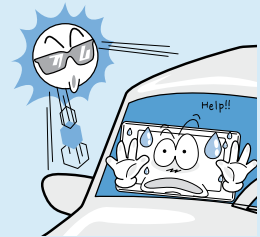
**Do not place any container filled with water or chemicals over or near the computer.**

If water or chemicals enter the computer, this may cause fire or electric shock.



**If the computer is broken or dropped, disconnect the power cord and contact a service center for a safety check.**

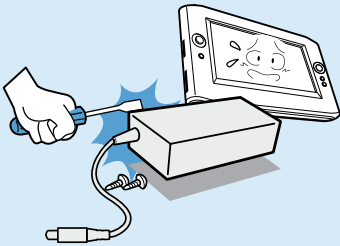
Using a broken computer may cause electric shock or fire hazard.



**Avoid direct sunlight when the computer is in an air-tight location such as inside a vehicle.**

There is a danger of a fire hazard. The computer may overheat and also present opportunity to thieves.

## Upgrade Related



**Never disassemble the power supply or AC adapter.**

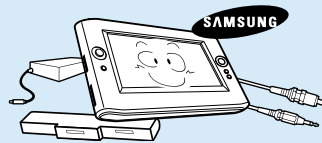
There is a danger of electric shock.

**When removing the RTC (Real Time Clock) battery, keep it out of the reach of children as they could touch and/or swallow it.**

There is a danger of choking. If a child has swallowed it, contact a doctor immediately.

**Use only authorized parts (multi-plug, battery and memory) and never disassemble parts.**

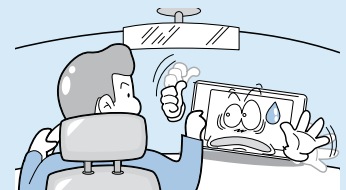
There is a danger of damaging the product, electric shock or fire hazard.



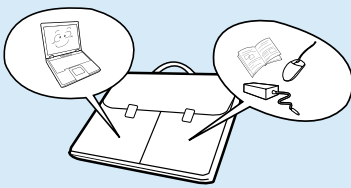
**Shut down the computer and disconnect all cables before disassembling the computer. If there is a modem, disconnect the phone line. If you are using a notebook computer, make sure to remove the battery.**

Failing to do so, may cause electric shock.

## Custody and Movement Related



**Follow the instructions for the relevant location (e.g. airplane, hospital, etc.) when using a wireless communication device (wireless LAN, Bluetooth, etc.).**



**When carrying the notebook computer with other items, such as the adapter, mouse, books etc, take care not to press anything against the notebook computer.**

If a heavy object is pressed against the notebook computer, a white stop or stain may appear on the LCD. Therefore, take care not to apply any pressure to the notebook.

In this case, place the notebook computer in a separate compartment away from the other objects.

## Caution

Failing to follow instructions marked with this symbol may cause slight injury or damage to the product.

### Installation Related

**Do not block the ports (holes), vents, etc. of the product and do not insert objects.**

Damage to a component within the computer may cause electric shock or fire.

**When using the computer with it lying on its side, place it so that the vents face upwards.**

Failing to do so, may cause the internal temperature of the computer to rise and the computer to malfunction or halt.

**Do not place a heavy object over the product.**

This may cause a problem with the computer. In addition, the object may fall and cause injury, or damage the computer.

### Battery Usage Related

**Dispose of worn-out batteries properly.**

- There is a danger of fire or explosion.
- The battery disposal method may differ depending on your country and region. Dispose of the used battery in an appropriate way.

**Do not throw or disassemble the battery and do not put it into water.**

This may cause an injury, fire or explosion.

**Use only a battery authorized by Samsung Electronics.**

Failing to do so may cause an explosion.

**Avoid contact with metal objects such as car keys or clips when keeping or carrying a battery.**

Contact with a metal may cause excessive current and a high temperature and may damage the battery or cause a fire.

**Charge the battery according to the instructions in the manual.**

Failing to do so, may cause an explosion or fire from damage to the product.

**Do not heat the battery or expose it to heat (e.g. inside a vehicle during the summer).**

There is a danger of explosion or fire.

## Usage Related

**Do not place a candle, lighted cigar, etc. over or on the product.**

There is a danger of fire.

**Use a wall outlet or multi-plug with a grounding part.**

Failing to do so may cause electric shock hazard.

**Make sure to have the product tested by a safety service engineer after repairing the product.**

Authorised Samsung Repair Centers will carry out safety checks after a repair. Using a repaired product without testing it for safety might cause electric shock or fire.

**In case of lightning, immediately turn the system off, disconnect the power cord from the wall outlet and line do not**

**use a modem or phone.**

There is a danger of electric shock or fire.

**Do not use your computer and AC-Adapter on your lap or soft surfaces.**

If the computer temperature increases, there is a danger of burning yourself.

**Connect only permitted devices to the connectors or ports of the computer.**

Failing to do so, may cause electric shock and fire.

**Close the LCD panel only after checking if the notebook computer is turned off.**

The temperature may rise and it may cause overheating and deformation of the product.

**Do not press the Eject Button while the Floppy Disk/CD-ROM drive is in operation.**

You might lose data and the disk might be suddenly ejected and could cause an injury.

**Take care not to drop the product while using it.**

This may cause personal injury or loss of data.

**Do not contact the antenna with electricity facility such as the power outlet.**

There is a danger of electric shock.

**When handling computer parts, follow the instructions on the manual supplied with the parts.**

Failing to do so, may cause damage to the product.

**If the computer emits smoke, or there is a burning smell, disconnect the power plug from the wall outlet and contact a service center. If your computer is a notebook computer, make sure to remove the battery.**

There is a danger of fire.

**Do not use a damaged or modified CD/Floppy Disk.**

There is a danger of damaging the product or personal injury.

**Do not insert your fingers into the PC Card Slot.**

There is a danger of injury or electric shock.

**Use recommended computer cleansing solution when cleaning the product and only use the computer when it is completely dried.**

Failing to do so may cause electric shock or fire.

**Emergency disk eject method using paperclip should not be used while the disk is in motion. Make sure to use the emergency disk eject method only when the Optical Disk Drive is stopped.**

There is a danger of injury.

**Do not place your face close to the Optical Disk Drive tray when it is operating.**

Do not place your face close to the Optical Disk Drive tray when it is operating.

**Check CDs for cracks and damage prior to use.**

It may damage the disc and cause disorder of device and injury of user.

## **Upgrade Related**

---

**Take care when touching the product or parts.**

The device may be damaged or you may be injured.

**Take care not to throw or drop a computer part or device.**

This may cause injury or damage to the product.

**Make sure to close the computer cover before connecting the power after a reassembly.**

There is a danger of electric shock if your body touches an internal part.



**Use parts authorized by Samsung Electronics only.**

Failing to do so, may cause fire or damage the product.

**Never disassemble or repair the product by yourself.**

There is a danger of electric shock or fire.

**To connect a device that is not manufactured or authorized by Samsung Electronics, enquire at your service center before connecting the device.**

There is a danger of damaging the product.

## **Custody and Movement Related**

---

**When moving the product, turn the power off and separate all connected cables first.**

The product might be damaged or users may trip over the cables.

**For long periods of not using the notebook computer, discharge the battery and preserve as it is detached.**

The battery will be preserved at its best condition.

**Keep the Stylus Pen out of reach of children.**

Children may injure themselves by swallowing it or damaging their eyes.

**Use a computer cleansing solution when cleaning the product.**

Using a cleansing solution or chemical that is not developed for a computer may damage the product.

**Do not operate or watch the computer while driving a vehicle.**

There is a danger of a traffic accident. Please concentrate on driving.

## **LCD Related**

### **LCD Bad Pixels**

The limits of LCD manufacturing technology permit a maximum of 4 abnormal or bad pixels, which does not affect the system performance. This system may have the same level of abnormal or bad pixels as any other company's products.

### **Cleaning the LCD**

When cleaning the LCD panel, use only computer specific cleaners with a soft cloth, and lightly wipe in one direction. Pressing down hard may damage the LCD.

## **Cautions on Preventing Data Loss (Hard Disk Management)**

**To prevent data loss due to damage to the hard disk drive, please backup your data frequently.**

### **Take care not to damage the data on a hard disk drive.**

- A hard disk drive is so sensitive to external impact that an external impact may cause loss of data on the surface of the disk.
- Take extra care, because moving the computer or an impact on the computer when it is turned on may damage the data of the hard disk drive.
- The company is not liable for the loss of any data caused by customer such as the careless usage or bad environmental condition.

### **Causes that may damage the data of a hard disk drive and the hard disk drive itself.**

- The data may be lost when an external impact is applied to the disk while disassembling or assembling the computer.
- The data may be lost when the computer is turned off or reset by a power failure while the hard disk drive is operating.
- The data may be lost and irrecoverable due to a computer virus infection.
- The data may be lost if the power is turned off while running a program.
- Moving or causing an impact to the computer while the hard disk drive is operating, may cause files to be corrupted or bad sectors on the hard disk.

## Proper Posture During Computer Use

Maintaining a proper posture during computer use is very important to prevent physical harm.

The following instructions are about maintaining a proper posture during computer use developed through human engineering. Please read and follow them carefully when using the computer.

Otherwise, the probability of (RSI: Repetitive Strain Injury) from repeated operations may increase and serious physical harm may be caused.



The instructions in this manual have been prepared so that they can be applied within the coverage of general users. If the user is not included in the coverage, the recommendation is to be applied according to the user's needs.

Since this is commonly applied to Samsung Computers, some figures may differ from actual ones.

### Proper Posture

- Do not use the computer on your lap or close to your skin for a long time.

There is a danger of burns due to the high temperature of the computer.

- To use the computer while talking over the telephone, use the ear-microphone phone.

When using the computer while holding a phone over your shoulder and talking on the phone, your posture becomes bad.

- Keep frequently used work items within an easy working range (where you can reach them with your hands easily).

### Eye Position

**Keep a distance of at least 50cm between the LCD and your eyes.**

- Adjust the height of the LCD screen so that its top height is equal to or lower than your eyes.
- Avoid setting the LCD excessively bright.
- Keep the LCD screen clean.
- When wearing glasses, clean them before using the computer.

## Hand Position

---

- It is recommended to connect and use an external keyboard and mouse when using the computer for a long time.
- Do not hold the Stylus Pen with excessive force.
- Do not press the touch screen with excessive force.

## Volume Control (Headphones and Speakers)

---

**Check your volume first to listen to music.**



- Check if the volume is too loud before using headphones.
- Do not turn the volume to the maximum level right from the start. Instead, start the volume at a low level and increase it slowly while listening to the sound.
- It is not recommended using headphones for long periods of time.

## Use Time (Break Time)

---

- Take a break for 10 minutes or more after a 50-minute period when working for more than one hour.

## Illumination

---

- Do not use the computer in dark locations. The illumination level for computer use must be as bright so for reading a book.
- Indirect illumination is recommended. Use a curtain to prevent reflection on the LCD screen.

## Operation Condition

---

- Do not use the computer in hot and humid locations.
- Use the computer within the allowed temperature and humidity range specified in the User Guide.

# Important Safety Information

## Safety instructions

Your system is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that the safety instructions marked on the product and in the documentation are followed.



Always follow these instructions to help guard against personal injury and damage to your system.

## Setting Up your System

- Read and follow all instructions marked on the product and in the documentation before you operate your system. Retain all safety and operating instructions for future use.
- Do not use this product near water or a heat source such as a radiator.
- Set up the system on a stable work surface.
- The product should be operated only with the type of power source indicated on the rating label.
- Ensure that the electrical outlet you are using to power your equipment is easily accessible in case of a fire or short circuit.
- If your computer has a voltage selector switch, make sure that the switch is in the proper position for your area.
- Openings in the computer case are provided for ventilation. Do not block or cover these openings. Make sure you provide adequate space, at least 6 inches (15 cm), around the system for ventilation when you set up your work area. Never insert objects of any kind into the computer ventilation openings.
- Ensure that the fan vents on the bottom of the casing are clear at all times. Do not place the computer on a soft surface, doing so will block the bottom vents.
- If you use an extension cord with this system, make sure that the total power rating on the products plugged into the extension cord does not exceed the extension cord power rating.

## Care During Use

---

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill anything on the system. The best way to avoid spills is to not eat or drink near your system.
- Some products have a replaceable CMOS battery on the system board. There is a danger of explosion if the CMOS battery is replaced incorrectly. Replace the battery with the same or equivalent type recommended by the manufacturer. Dispose of batteries according to the manufacturers instructions. If the CMOS battery requires replacement insure that a qualified technician performs the task.
- When the computer is turned off, a small amount of electrical current still flows through the computer. To avoid electrical shock, always unplug all power cables, remove the battery and modem cables from the wall outlets before cleaning the system.
- Unplug the system from the wall outlet and refer servicing to qualified personnel if:
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.
  - The system does not operate properly when the operating instructions are followed.
  - The system was dropped or the casing is damaged.
  - The system performance changes.

## The Instruction On Safety Operation of NotePC

---

- 1 When installing and operating devices please refer to safety requirements in the user guide.
- 2 Devices can be used only with the equipment specified in the technical specifications of the devices.
- 3 If there is a smell of burning or smoke coming from the computer, the unit should be switched off and the battery removed. The unit should be checked by a qualified technician before reuse.
- 4 Service and repair of devices should be carried out by authorized service centers.

## Replacement Parts and Accessories

Use only replacement parts and accessories recommended by SAMSUNG.



Do not use this product in areas classified as hazardous. Such areas include patient care areas of medical and dental facilities, oxygen rich environments, or industrial areas.

### Connect and Disconnect the AC adapter

The socket-outlet shall be installed near the equipment and easily accessible.

**Do not unplug the power plug by pulling the cable.**

### Battery Disposal



Do not put rechargeable batteries or products powered by non-removable rechargeable batteries in the garbage.

Contact the Samsung Helpline for information on how to dispose of batteries that you cannot use or recharge any longer. Follow all local regulations when disposing of old batteries.



IF YOU REPLACE THE BATTERY WITH AN INCORRECT TYPE, THERE IS A RISK OF EXPLOSION. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

### Power Cord Requirements

The power cord set (power plug, cable and AC adapter plug) you received with your computer meets the requirements for use in the country where you purchased your equipment.

Power cord sets for use in other countries must meet the requirements of the country where you use the computer. For more information on power cord set requirements, contact your authorized dealer, reseller, or service provider.

## General Requirements

---

**The requirements listed below are applicable to all countries:**

- The length of the power cord set must be at least 6.00 feet (1.8m) and a maximum of 9.75 feet (3.0m).
- All power cord sets must be approved by an acceptable accredited agency responsible for evaluation in the country where the power cord set will be used.
- The power cord set must have a minimum current capacity of 7 A and a nominal voltage rating of 125 or 250 volts AC, as required by each country's power system.
- The appliance coupler must meet the mechanical configuration of an EN 60 320/IEC 320 Standard Sheet C7 connector, for matching with appliance inlet on the computer.



# Regulatory Compliance Statements

## Wireless Guidance

Low power, Radio LAN type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz Band, may be present (embedded) in your notebook system. The following section is a general overview of considerations while operating a wireless device.

Additional limitations, cautions, and concerns for specific countries are listed in the specific country sections (or country group sections). The wireless devices in your system are only qualified for use in the countries identified by the Radio Approval Marks on the system rating label. If the country you will be using the wireless device in, is not listed, please contact your local Radio Approval agency for requirements. Wireless devices are closely regulated and use may not be allowed.

The RF field strength of the wireless device or devices that may be embedded in your notebook are well below all international RF exposure limits as known at this time. Because the wireless devices (which may be embedded into your notebook) emit less energy than is allowed in radio frequency safety standards and recommendations, manufacturer believes these devices are safe for use. Regardless of the power levels, care should be taken to minimize human contact during normal operation.

This transmitter must not be collocated or operate in conjunction with any other antenna or transmitter except the installed Bluetooth transmitter.

Some circumstances require restrictions on wireless devices. Examples of common restrictions are listed below:



- Radio frequency wireless communication can interfere with equipment on commercial aircraft. Current aviation regulations require wireless devices to be turned off while traveling in an airplane.  
802.11B (also known as wireless Ethernet or Wifi) and Bluetooth communication devices are examples of devices that provide wireless communication.
- In environments where the risk of interference to other devices or services is harmful or perceived as harmful, the option to use a wireless device may be restricted or eliminated. Airports, Hospitals, and Oxygen or flammable gas laden atmospheres are limited examples where use of wireless devices may be restricted or eliminated. When in environments where you are uncertain of the sanction to use wireless devices, ask the applicable authority for authorization prior to use or turning on the wireless device.
- Every country has different restrictions on the use of wireless devices. Since your system is equipped with a wireless device, when traveling between countries with your system, check with the local Radio Approval authorities prior to any move or trip for any restrictions on the use of a wireless device in the destination country.
- If your system came equipped with an internal embedded wireless device, do not operate the wireless device unless all covers and shields are in place and the system is fully assembled.
- Wireless devices are not user serviceable. Do not modify them in any way. Modification to a wireless device will void the authorization to use it. Please contact manufacturer for service.
- Only use drivers approved for the country in which the device will be used. See the manufacturer System Restoration Kit, or contact manufacturer Technical Support for additional information.

## United States of America

### USA and Canada Safety Requirements and Notices

Do not touch or move the antenna while the unit is transmitting or receiving.

Do not hold any component containing the radio such that the antenna is very close or touching any exposed parts of the body, especially the face or eyes, while transmitting.

Do not operate the radio or attempt to transmit data unless the antenna is connected; if not, the radio may be damaged.

#### Use in specific environments:

The use of wireless devices in hazardous locations is limited by the constraints posed by the safety directors of such environments.

The use of wireless devices on airplanes is governed by the Federal Aviation Administration (FAA).

The use of wireless devices in hospitals is restricted to the limits set forth by each hospital.



#### Explosive Device Proximity Warning

Do not operate a portable transmitter (such as a wireless network device) near unshielded blasting caps or in an explosive environment unless the device has been modified to be qualified for such use.



#### Use On Aircraft Caution

Regulations of the FCC and FAA prohibit airborne operation of radio-frequency wireless devices because their signals could interfere with critical aircraft instruments.

#### Other Wireless Devices

**Safety Notices for Other Devices in the Wireless Network:** Refer to the documentation supplied with wireless Ethernet adapters or other devices in the wireless network.



The Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modifications to this product is not approved by Intel and could void the user's authority to operate this device.

#### Unintentional Emitter per FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



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 generate uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause harmful 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 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.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet helpful: "Something About Interference."

This is available at FCC local regional offices. Our company is not responsible for any radio or television interference caused by unauthorized modifications of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by our company. The correction will be the responsibility of the user. Use only shielded data cables with this system.

### Intentional emitter per FCC Part 15

Low power, Radio LAN type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz Band, may be present (embedded) in your notebook system. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.

Wireless devices that may be in your system are only qualified for use in the United States of America if an FCC ID number is on the system label.

This transmitter must not be collocated or operate in conjunction with any other antenna or transmitter except the installed Bluetooth transmitter.

Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.



Wireless devices are not user serviceable. Do not modify them in any way. Modification to a wireless device will void the authorization to use it. Contact manufacturer for service.

## **FCC Part 68 (If fitted with a modem device.)**

---

This equipment complies with part of the FCC rules. On the back of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment uses the following USOC jacks : RJ11C.

An FCC compliant telephone cord and modular plug is provided with this equipment. This equipment is designed to be connected to the telephone network or premises wiring using a compatible modular jack which is Part 68 compliant. See Installation Instructions for details.

The REN is used to determine the quantity of devices which may be connected to telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by total RENs, contact the local telephone company

to determine the maximum REN for the calling area.

If the terminal equipment causes harm to the telephone network, the Telephone Company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advanced notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment (Modem) for repair or warranty information, please contact your local distributor. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

The user must use the accessories and cables supplied by the manufacturer to get optimum performance from the product.

No repairs may be done by the customer.

This equipment cannot be used on public coin phone service provided by the telephone company. Connection to party line service is subject to state tariffs.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including fax machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be any number for which charges exceed local or long-distance transmission charges.)

In order to program this information into your fax machine, refer to your communications software user manual.

## European Union

### European Union CE Marking and Compliance Notices

Products intended for sale within the European Union are marked with the Conformité Européene (CE) Marking, which indicates compliance with the applicable Directives and European standards and amendments identified below. This equipment also carries the Class 2 identifier.

The following information is only applicable to systems labeled with the CE mark .

### European Directives

This Information Technology Equipment has been tested and found to comply with the following European directives:

- EMC Directive 89/336/EEC with amending directives 92/31/EEC & 93/68/EEC as per
  - EN 55022 Class B
  - EN 61000-3-2
  - EN 61000-3-3
  - EN 55024
- Low Voltage Directive (Safety) 73/23/EEC as per EN 60950-1:2001+A11
- Radio and Telecom Terminal Equipment Directive 199/5/EC as per
  - CTR21 (if fitted with a modem device)

- ETS 300 328 (if fitted with a 2.4 GHz band embedded wireless device)
- ETS 301 489-1 (if fitted with a 2.4 GHz band embedded wireless device)
- ETS 301 489-17 (if fitted with a 2.4 GHz band embedded wireless device)

## European Radio Approval Information (for products fitted with EU-approved radio devices)

This Product is a Notebook computer; low power, Radio LAN type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz band, may be present (embedded) in your notebook system which is intended for home or office use. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.

Wireless devices that may be in your system are only qualified for use in the European Union or associated areas if a CE  mark with a Notified Body Registration Number and the Alert Symbol is on the system label.

The power output of the wireless device or devices that may be embedded in you notebook is well below the RF exposure limits as set by the European Commission through the R&TTE directive.



See 802.11b and 802.11g restrictions for specific countries or regions within countries under the heading “European Economic Area Restrictions” below.

## Translated Statements of Compliance

### [English]

This product follows the provisions of the European Directive 1999/5/EC.

### [Danish]

Dette produkt er i overensstemmelse med det europæiske direktiv 1999/5/EC

### [Dutch]

Dit product is in navolging van de bepalingen van Europees Directief 1999/5/EC.

### [Finnish]

Tämä tuote noudattaa EU-direktiivin 1999/5/EC määräyksiä.

### [French]

Ce produit est conforme aux exigences de la Directive Européenne 1999/5/EC.

### [German]

Dieses Produkt entspricht den Bestimmungen der Europäischen Richtlinie 1999/5/EC

### [Greek]

Το προϊόν αυτό πληροί τις προβλέψεις της Ευρωπαϊκής Οδηγίας 1999/5/EC.

### [Icelandic]

Þessi vara stendst reglugerð Evrópska Efnahags Bandalagsins númer 1999/5/EC

### [Italian]

Questo prodotto è conforme alla Direttiva Europea 1999/5/EC.



### **[Norwegian]**

Dette produktet er i henhold til bestemmelsene i det europeiske direktivet 1999/5/EC.

### **[Portuguese]**

Este produto cumpre com as normas da Diretiva Europeia 1999/5/EC.

### **[Spanish]**

Este producto cumple con las normas del Directivo Europeo 1999/5/EC.

### **[Swedish]**

Denna produkt har tillverkats i enlighet med EG-direktiv 1999/5/EC.

## **European Economic Area Restrictions**

### **Local Restriction of 802.11b/802.11g Radio Usage**

[Note to integrator: The following statements on local restrictions must be published in all end-user documentation provided with the system or product incorporating the Wireless Network product.



Due to the fact that the frequencies used by 802.11b/802.11g wireless LAN devices may not yet be harmonized in all countries, 802.11b/802.11g products are designed for use only in specific countries or regions, and are not allowed to be operated in countries or regions other than those of designated use.

As a user of these products, you are responsible for ensuring that the products are used only in the countries or regions for which they were intended and for verifying that they are configured with the correct selection of frequency and channel for the country or region of use. Any deviation from permissible settings and restrictions in the country or region of use could be an infringement of local law and may be punished as such.

The European variant is intended for use throughout the European Economic Area. However, authorization for use is further restricted in particular countries or regions within countries, as follows:

#### **General**

European standards dictate maximum radiated transmit power of 100 mW effective isotropic radiated power (EIRP) and the frequency range 2400 – 2483.5 MHz.

#### **Belgium**

The product may be used outdoors, but for outdoor transmissions over a distance of 300m or more, a license from the BIPT is required.



This restriction should be indicated in the manual as follows:

Dans le cas d'une utilisation privée, à l'extérieur d'un bâtiment, au-dessus d'un espace public, aucun enregistrement n'est nécessaire pour une distance de moins de 300m. Pour une distance supérieure à 300m un enregistrement auprès de l'IBPT est requise. Pour une utilisation publique à l'extérieur de bâtiments, une licence de l'IBPT est requise. Pour les enregistrements et licences, veuillez contacter l'IBPT.

### France

For Metropolitan departments:

2.400 - 2.4835 GHz for indoor use.

2.400 - 2.454 GHz (channels 1 to 7) for outdoor use.

For Guadeloupe, Martinique, St Pierre et Miquelon, Mayotte:

2.400 - 2.4835 GHz for indoor and outdoor use.

For Reunion, Guyane:

2.400 - 2.4835 GHz for indoor use.

2.420 - 2.4835 GHz for outdoor use (channels 5 to 13)

## European Telecommunication Information (for products fitted with EU-approved modems)

Marking by the symbol  indicates compliance of this equipment to the Radio and Telecom Terminal Equipment Directive 1999/5/EC. Such

marking is indicative that this equipment meets or exceeds the following technical standards:

CTR 21 – Attachment requirements for pan-European approval for connection to the analogue Public Switched Telephone Networks (PSTNs) of TE (excluding TE supporting voice telephony services) in which network addressing, if provided, is by means of Dual Tone Multi-Frequency (DTMF) signaling.



Although this equipment can use either loop disconnect (pulse) or DTMF (tone) signaling, only the performance of the DTMF signaling is subject to regulatory requirements for correct operation.

It is therefore strongly recommended that the equipment is set to use DTMF signaling for access to public or private emergency services. DTMF signaling also provides faster call setup.

This equipment has been approved to Council Decision 98/482/EEC-“CTR 21” 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 termination point. In the event of problems, you should contact manufacturer Technical Support.

## WEEE SYMBOL INFORMATION



### Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

**(Applicable in the European Union and other European countries with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

### USA ONLY

This Perchlorate warning applies only to primary CR (Manganese Dioxide) Lithium coin cells in the product sold or distributed ONLY in California USA.

“Perchlorate Material- special handling may apply, See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).”



LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS.

For details see [lamprecycle.org](http://lamprecycle.org), [eise.org](http://eise.org), or call 1-800-Samsung.

# Overview



- \*The items marked with this symbol are optional items which may be changed or may not be provided depending on the computer model.
- The actual color and appearance of the computer may differ from the pictures used in this guide.
- The shapes and characters of buttons, keypad image may differ from actual ones.

## Front View

### Status Indicators

Shows the computer operating status. [p.36]

### LCD

Displays the computer screen.

### Touch Sensor Buttons \*

You can configure functions by lightly touching it with your finger. [p.37]

### Keypad

Using the Keypad, users can enter letters or numbers directly.

! Avoid dropping water on the keypad.

### Camera \*

Using the front side camera, you can take pictures or record video. [p.141]

### Keypad

### Speaker

### User-Defined Button

You can configure this button to launch a frequently used program.

### Speaker

Generates sound from the computer.

### Mouse/Joystick

You can use the mouse, joystick, and Internet button functions. [p.58]

### ENTER Button

Press this button to run a selection. It performs the role of the Enter key on the keyboard.

### Fingerprint sensor \*

Using this sensor, you can use the fingerprint identification function. You can use it to identify whether a fingerprint is registered by placing a finger over it. [p.144]

### Microphone \*

The microphone is used to make a sound recording.

✎ A built-in microphone is provided for some models.

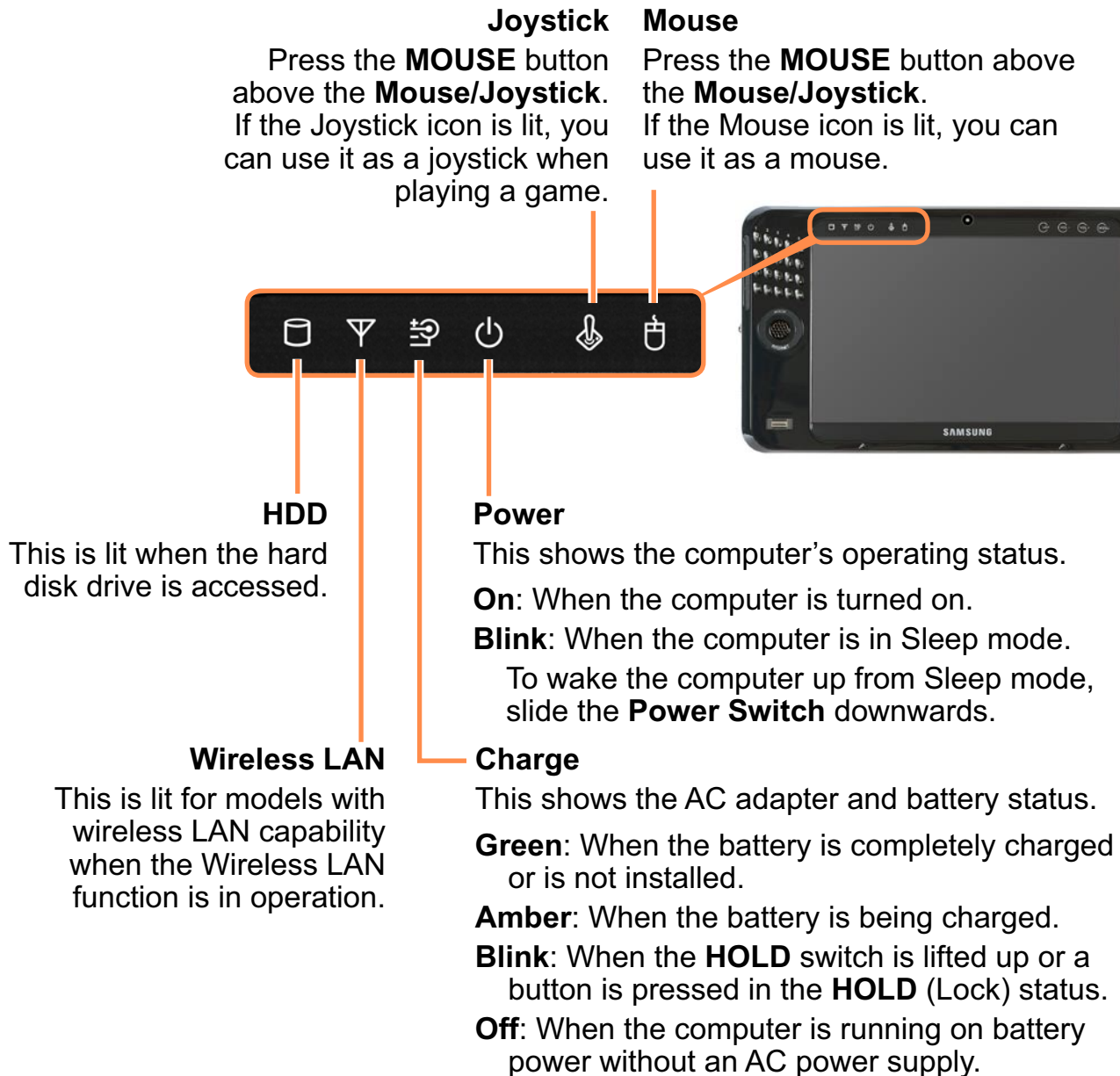
### Mouse Button

This performs the role of the left and right buttons of the mouse when the Mouse/Joystick is used as a mouse.

- **L Button:** A single press performs the role of a click and double pressing performs the role of a double-click.

- **R Button:** A single press performs the role of a right-click.

## Status Indicators



## Touch Sensor Buttons

You can run a function by lightly touching a Touch Sensor Button with your finger.

The Touch Sensor Buttons are optional and may not be provided depending on your computer model.



### UDF

If you touch this button, the Easy Button Manager appears in which you can configure the User-Defined Button function.

### MENU

If you touch this button, the MENU program will be launched.

The menu program provides a menu with the computer's frequently used functions. You can conveniently configure the functions.

### VOL-, VOL+

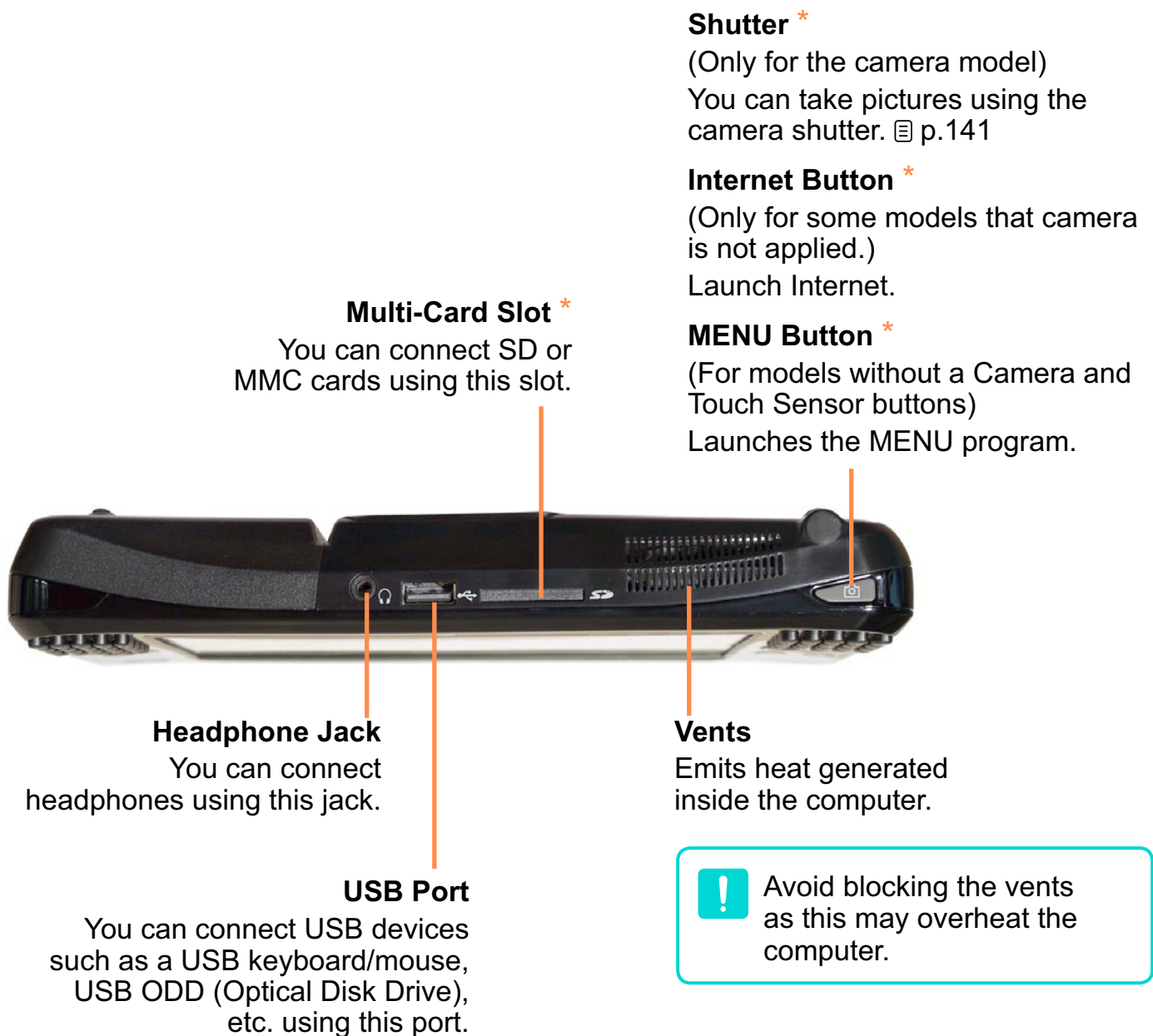
You can adjust the volume.

## Precautions for using the Touch Sensor Buttons

---

- The Touch Sensor Buttons only work when the computer is turned on.
- If you touch the Touch Sensor Buttons when the computer is locked, the lock icon will appear and the buttons will not work.
- Please ensure your hands are clean and dry when using the Touch Sensor Buttons.  
In a humid environment, remove any moisture from your hands and the Touch Sensor Button surface before use.
- Since the Touch Sensor Buttons are sensitive, do not press them using excessive force.  
Take care as excessive force may damage the sensor of the Touch Sensor Buttons.
- Do not press the buttons with a sharp object such as a Stylus Pen or ballpoint pen, as this may damage them.
- When you need to press a Touch Sensor Button, press the relevant Touch Sensor Button precisely using your finger taking care not to touch another Touch Sensor Button.
- The Touch Sensor Buttons may not work properly when you are wearing gloves or if the buttons are covered by plastic packaging or a protection panel.
- A Touch Sensor Button may malfunction when the Touch Sensor Button surface is touched by a conductive material such as a metal object.

## Top View



## Right View

### Windows Security Button

Pressing this button is the same as pressing the <Ctrl>+<Alt>+<Del> keys on the keyboard.  
Press with the Stylus Pen.

### Power IN Jack

The AC adapter which supplies power for the computer is connected here.

### LAN Port

You can connect a LAN cable using this port.

### USB Port

You can connect USB devices such as a USB keyboard/mouse, USB ODD, etc. using this port.

### Monitor Port

You can connect a monitor, TV or projector supporting a 15pin D-SUB interface using this port.

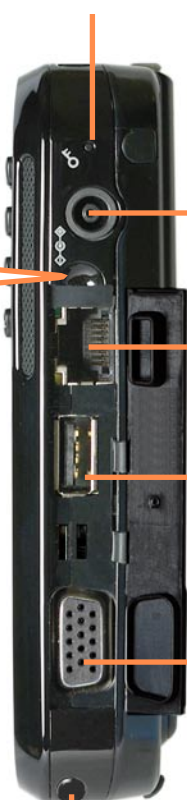
☰ p.68

### Stylus Pen / Stylus Slot

Using this pen, you can enter information on the touch screen.  
You can keep the Stylus Pen in the Stylus Slot.



Open the cover.



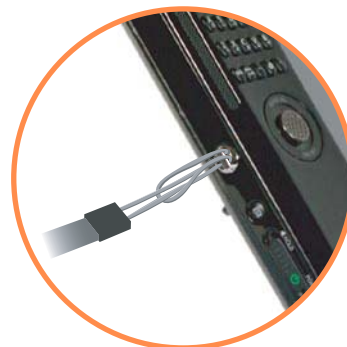


## Left View



### Hand Strap Hole

You can attach a hand strap using this hole.



### Q Button

Pressing the Q button when Windows is running launches AVStation Viewer.

Users can change the Q button settings so that pressing the button launches a different frequently used program.

For the procedures on changing the settings, refer to the description on [p.63](#).

### Power Switch / HOLD Switch

#### ① Power Switch Function

Slide the **switch** downwards to turn the computer on.

#### ② HOLD Switch (Lock) Function

If you slide the **switch** upwards to the end (HOLD position), the Lock icon appears and the computer is Locked and you will not be able to use any function.

Slide the **switch** to the mid position to release the lock. Then you can use the computer normally.

## Back View

### Vents

Emits heat generated inside the computer.

! Avoid blocking the vents as this may overheat the computer.

### Camera \*

Using the camera at the back, you can take pictures or record video.

### Stand

Using the stand, you can use the screen at a comfortable angle.

### Hand Strap Hole

### Battery

A lithium-Ion rechargeable battery that supplies power for the computer. [p.160]

### Battery Latch

The battery latch is used to separate or fix the battery. [p.160]

### Hand Strap Hole

Connecting a Hand strap to this hole and the hole on the left side of the unit, will allow you to fix your hand to this unit.



## Turning the Computer On and Off

### Turning the computer on

- 1 Install the **battery** and connect the **AC adapter**.  
(Refer to the **Getting Started Guide**.)
- 2 Adjust the **stand** at the back of the computer to a comfortable angle.
- 3 Slide the **Power Switch** downwards.

The computer is turned on.



When running the computer on battery power, the LCD brightness is dimmed automatically to save battery power.

For the models with Touch Sensor buttons, press the **MENU** button and then press the ,  buttons for the **Brightness** to adjust the LCD brightness.  p.56

For models without a Touch Sensor button, you can adjust the screen brightness by pressing the **User Defined buttons** (, ) while holding down the **INTERNET** button below the **Mouse/Joystick** buttons.

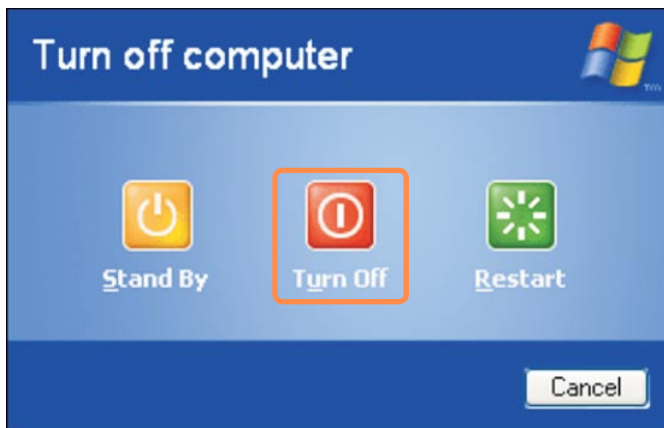
## Turning the computer off

1 Click the **start** button (  **start** ) on the taskbar.

2 Click **Turn Off Computer**.

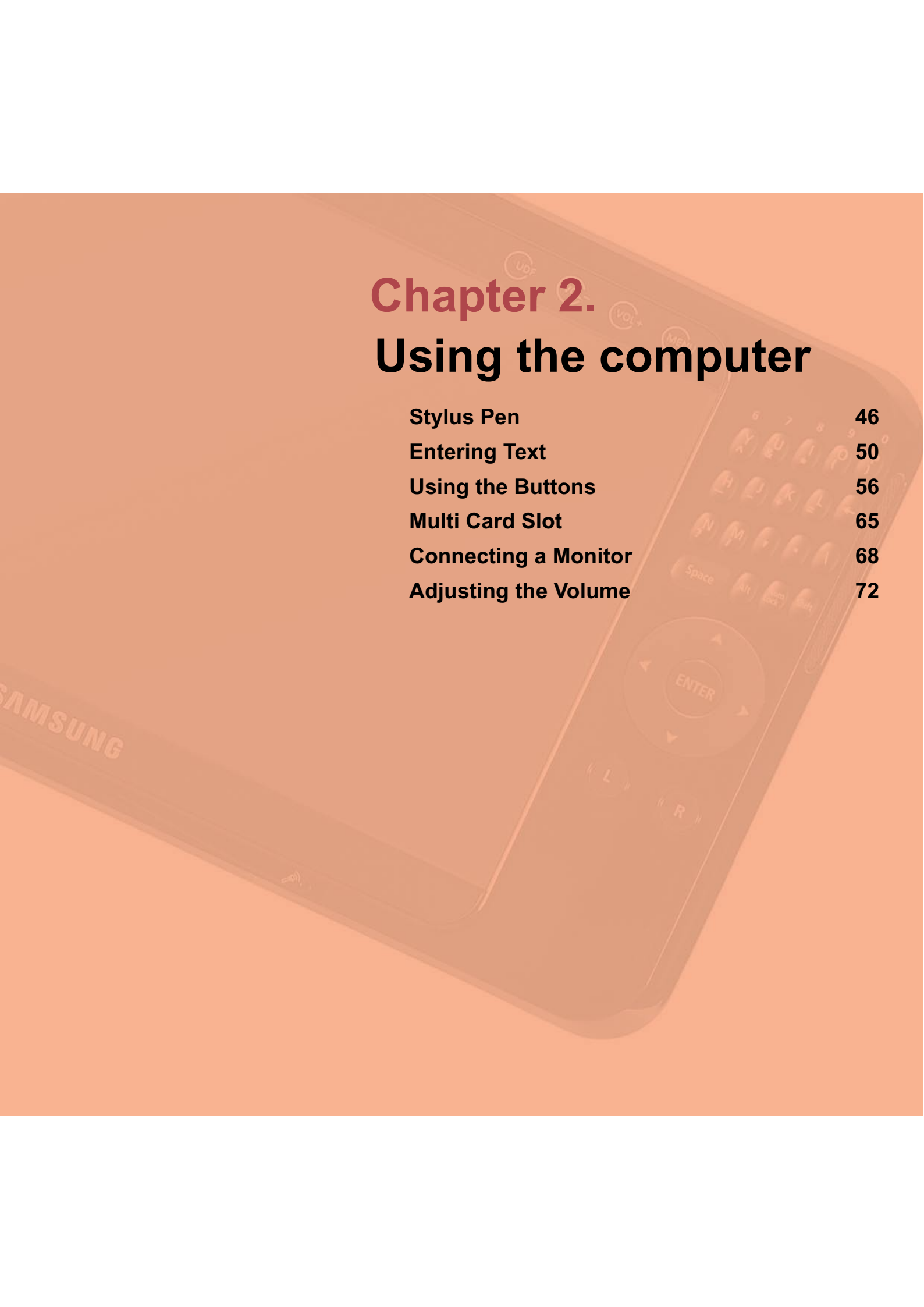


3 Click **Turn Off**.



If the computer does not shutdown due to a system error, slide the power switch down and hold it for more than 4 seconds to forcefully turn it off.

When turning the computer on again after it was turned off by sliding the power switch down and holding it, the system examination program may run.



## **Chapter 2.**

# **Using the computer**

|                             |           |
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| <b>Connecting a Monitor</b> | <b>68</b> |
| <b>Adjusting the Volume</b> | <b>72</b> |

## Stylus Pen

A Stylus Pen is used instead of a mouse and provides the same function.



It is recommended to connect and use a USB keyboard and mouse when using the computer for a long time.

### Taking the Stylus Pen Out

Take the Stylus Pen out to the right.

When finished using the pen, return it to the Stylus Slot.



#### Learning How to Use the Stylus Pen

Select **Start > Get Going with Tablet PC** to learn how to use the Stylus Pen.  p.76



Operate the touch screen LCD with a **Stylus Pen** or your **finger**. Sharp objects may scratch or damage the LCD surface.

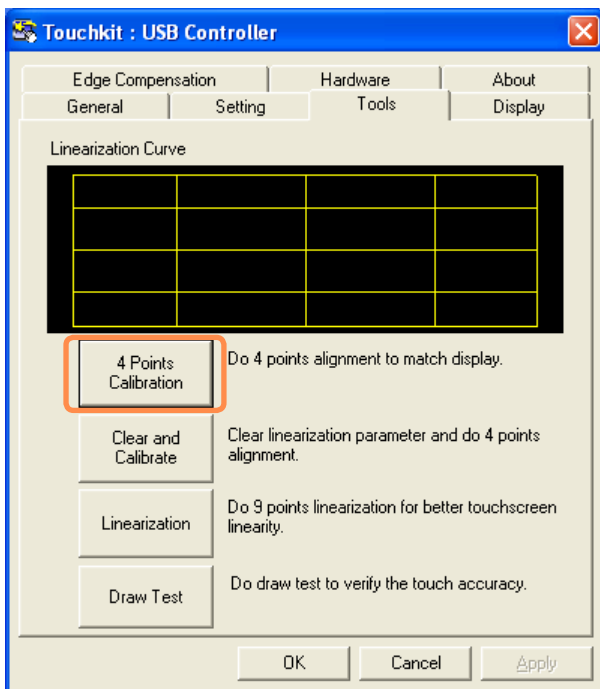
# Stylus Pen Functions

| Mouse        | Using the Stylus Pen                                                                               | Function                                                                        |
|--------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Single-click | Single-tap        | Single-tap with the pen to select an item.                                      |
| Double-click | Double-tap       | Double-tap with the pen to run an item.                                         |
| Right-click  | Press and Hold  | Press and hold for more than 3 seconds with the pen to display the Pop-up menu. |
| Drag         | Drag            | Tap an item and drag it with the pen to move the item.                          |

## Calibrating the Screen

When using the Stylus Pen for the first time or the pointing position of the Stylus Pen is incorrect, you can correct the pointing position using the **TouchKit** program.

- 1 Select **Start > All Programs > Touchkit > Configure Utility**.
- 2 In the **Tools** tab, select **4 Points Calibration**.

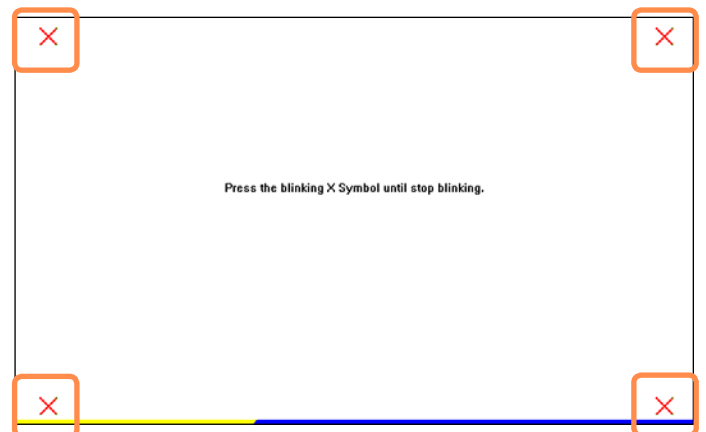


### Enhancing the Accuracy

If greater precision is required, you can correct the pointing position by using **9-Points** or **25-Points** Calibration.

1. In the **Linearization Style** item in the **Settings** tab, select **9-Points** or **25-Points** and then press the **Apply** button.
2. Select **Linearization** from the **Tools** tab. The higher the number, the more precise the correction.

- 3 Press and hold the **X-symbol** displayed on the screen until it stops blinking. The **X-symbol** appears repeatedly according to the selected number of points.

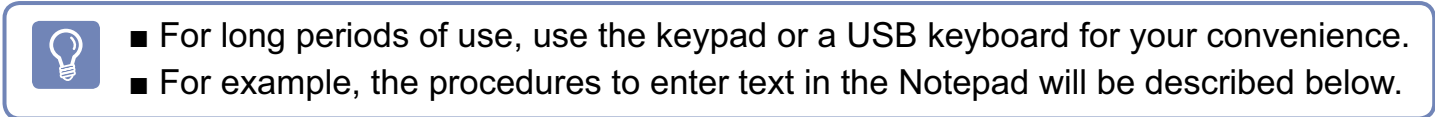




- 4 If the **Calibration Result** window appears, click the **OK** button. The pointing position of the Stylus Pen is corrected.

## Entering Text

You can enter characters using the Keypad, Tablet PC Input Panel, or Dialkeys.



## Using the Keypad

Using the keypad you can enter characters and numbers directly.

The Keypad image may differ from the actual Keypad.

### Character/Numeric Key

You can directly enter characters/numbers to the screen by pressing this key.

## Shift

To switch between capital and small letters, press the key while holding the Shift key down.

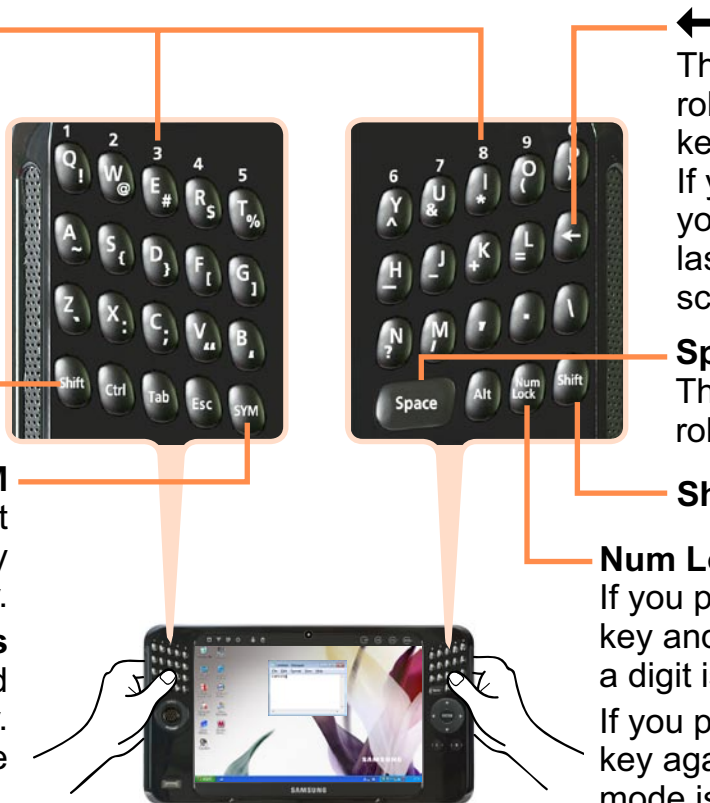
**SYM**

You can enter special key it is below the Character key by pressing this key.

## Entering special keys

Press the **SYM** key once and press the corresponding key. The special key below the corresponding key is entered.

To enter special keys successively, repeat the above operation.



This key performs the role of the Backspace key on a keyboard. If you press this key, you can erase the last characters on the screen.

## Space

This key performs the role of the space key.

- Shift

- Num Lock

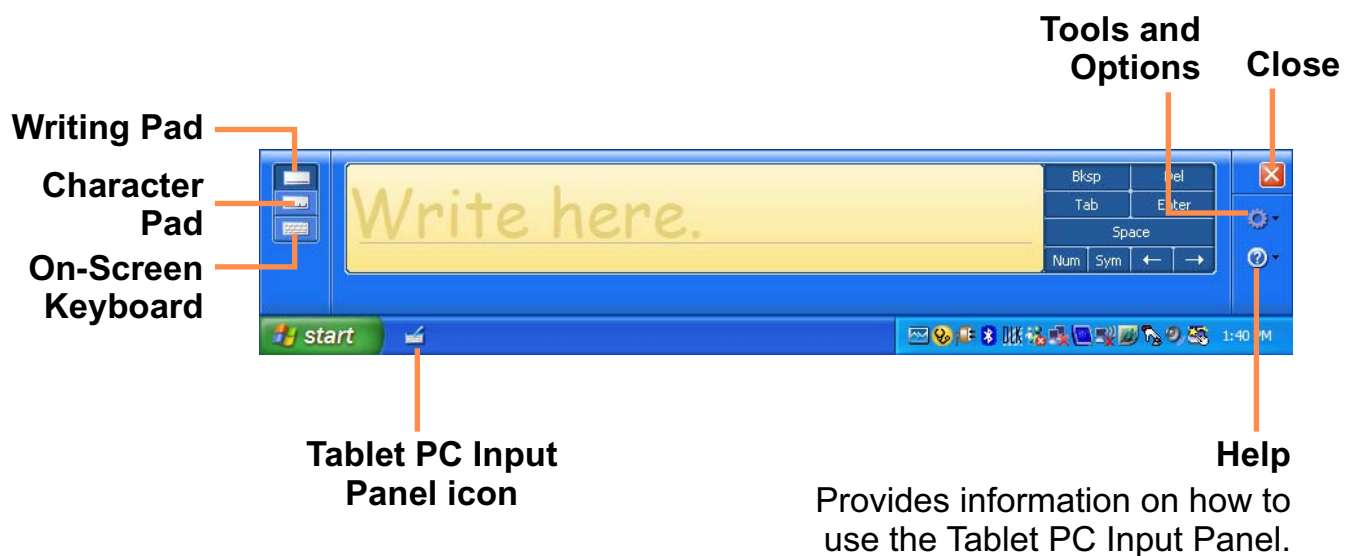
If you press the Num Lock key and then a first line key, a digit is entered.

If you press the Num Lock key again, the numeric key mode is canceled and you can enter characters.

## Using the Tablet PC Input Panel

The **Tablet PC Input Panel** is an on-screen letter input pad provided by Windows. Letters can be entered with the Stylus Pen when a keyboard is not available. There are three ways in which letters can be entered using the **Tablet PC**.

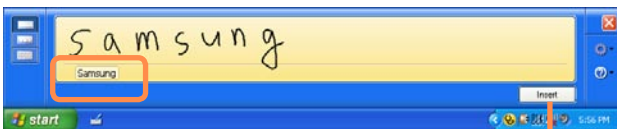
To open the Tablet PC Input Panel, click on the **Tablet PC Input Panel** (  ) icon on the taskbar.



## Entering text using the Writing Pad

You can enter characters by writing characters on the Stylus Pen Writing Pad directly.

- 1 In the **Tablet PC Input Panel**, tap the **Writing Pad** icon ()
- 2 Write text in the input area of the Writing Pad with the Stylus Pen and wait a moment. The written letters are converted into the corresponding computer characters. Tap the **Insert** button to enter the converted letters.

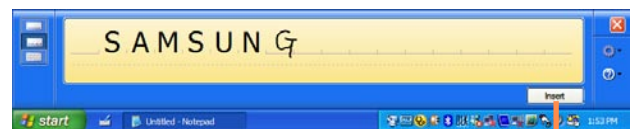


Insert

## Entering text using the Character Pad

You can write a letter in each cell of the Character Pad with the Stylus Pen.

- 1 In the **Tablet PC Input Panel**, tap the **Character Pad** icon ()
- 2 Write a letter in the cell of the Character Pad with the Stylus Pen and wait a moment. The written letter is converted into the corresponding computer character. Tap the **Insert** button to enter a converted letter.

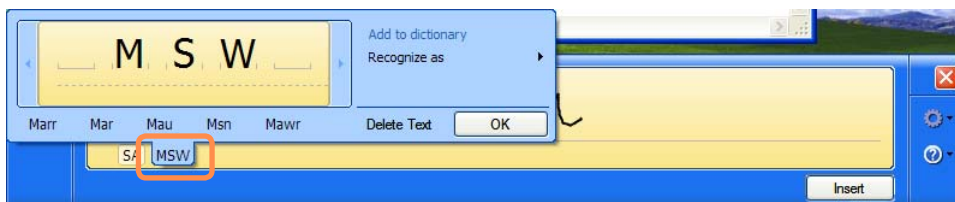


Insert



### Modifying Text

Write over incorrect letters or press the lower part of a letter to select another letter from the displayed letters.

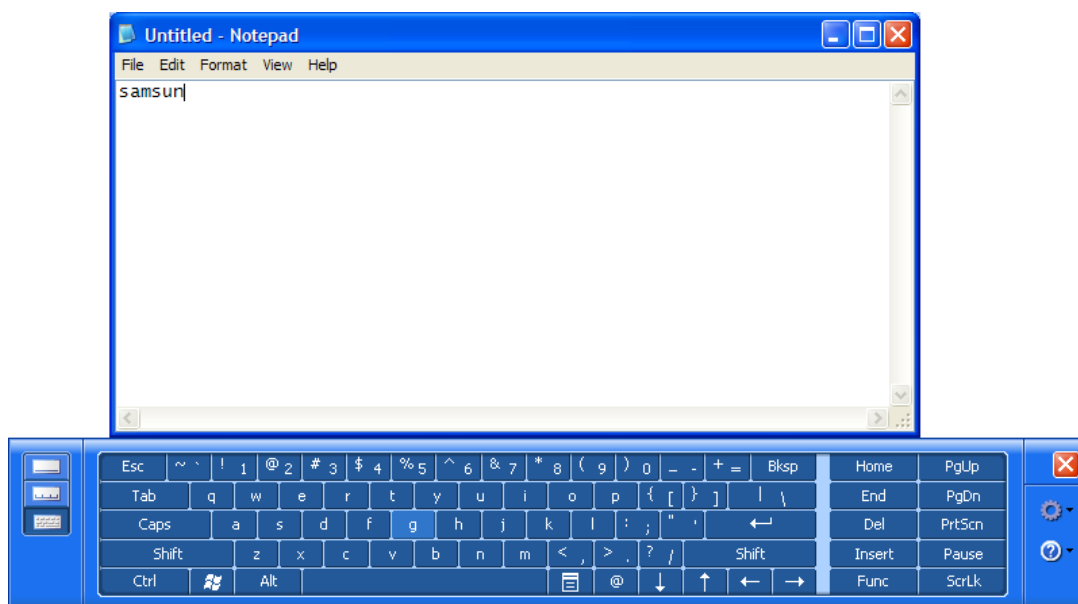


## Entering text using the On-Screen Keyboard

---

The On-Screen Keyboard displays a standard keyboard on the screen so that you can enter a letter by pressing the corresponding key on the screen.

- 1 In the **Tablet PC Input Panel**, tap the **On-Screen Keyboard** icon ().
- 2 Tap a character key with the Stylus Pen to enter the character.



## Dialkeys

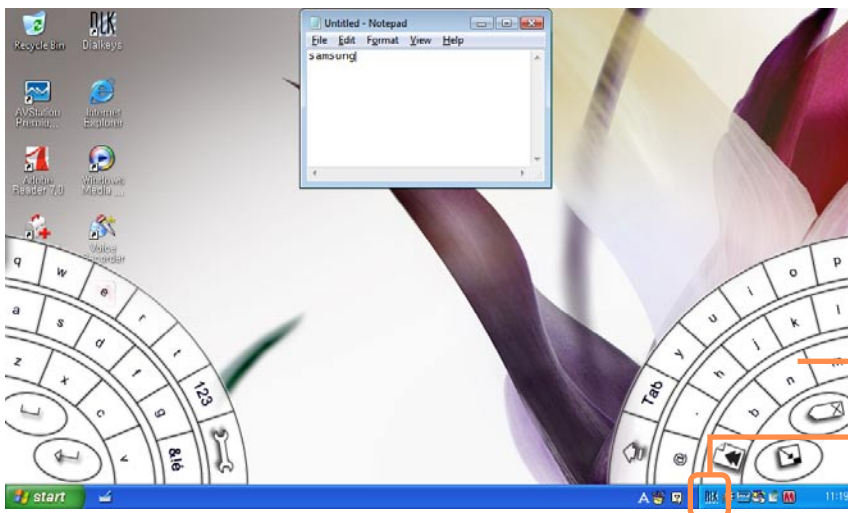
The Dialkeys function may not be provided depending on your computer model.

**DialKeys** is an on-screen keyboard designed to be used with compact touch screen computers. You can enter letters using the **DialKeys** by pressing a key on the screen with your thumbs while holding both of the lower corners of the computer with your hands.

### ► Execution Method

Click **Start > All Programs > Microsoft Touch Pack for Tablet PC > DialKeys**.

The **Dialkeys** appear at both ends of the lower screen. Enter characters using your thumbs. If they disappear, press the **Dialkeys** icon (  ) from the Taskbar referring to the following note.



\* The Dialkeys appearance and color may differ from actual ones.

Dialkeys

Dialkeys icon



### Exiting Dialkeys

Press and hold the **Dialkeys icon** () in the Taskbar, press the **Exit** from the pop-up menu.



### To View Detailed Usage of the Dialkeys

Click on the **Dialkeys icon** () on the taskbar for more than 3 seconds and select **Help** from the pop-up menu.



Corresponds to the Enter key on a keyboard.



Corresponds to the space bar on a keyboard.



The Dialkey key is minimized and moved into the notification area of the Taskbar. To restore it to its original size, click the minimized Dialkey.



Corresponds to the Backspace on a keyboard.



Moves the current window up.



### Entering a Number

If you tap the **123** () key once on the left pane of Dialkeys, the **123** () key turns blue and you can enter a number. After you enter a number, it returns to text input mode.

If you tap the **123** () key twice on the left pane of Dialkeys, the **123** () key turns blue and you can enter multiple numbers continuously. When you have finished entering numbers, tap the **123** () once again to cancel number input mode.

## Using the Buttons

The functions of the MENU button, User-Defined button, Mouse/Joystick, Mouse buttons, and Q button are described below.

### The MENU Button

When the **MENU** button is pressed, the **MENU program** appears.



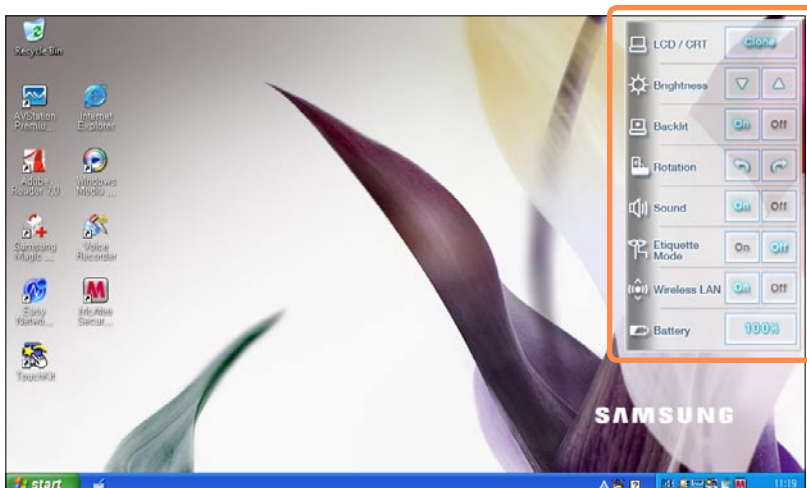
**MENU button**  
(For models with the  
Touch Sensor button only)



**MENU button**  
(For models without the  
Touch Sensor button only)

The MENU Program provides shortcuts to frequently used functions on the computer. You can easily change the settings.

Press the MENU button again or press a point on the screen to hide the MENU Program.



**MENU Program**



| MENU Items                                                                                                                                                                       | Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCD / CRT                                                                                                                                                                        | <p>You can select the display device when an external monitor is connected. Whenever you press the button to the right of the LCD/CRT button, the computer screen is output to <b>LCD &gt; CRT &gt; LCD+CRT Clone &gt; LCD+CRT Dual View</b> mode, in this sequence.</p> <div>  <p>Displaying the computer screen on an external monitor only, may not be supported with the <b>MENU</b> button. In this case, to display the screen on an external monitor, try using the Intel program. ㉔ p.70</p> </div> |
| Brightness  /  | Whenever this item is pressed, the LCD brightness is increased(decreased) by one step.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Backlit On / Off                                                                                                                                                                 | If you press Off, the LCD screen is turned off. To turn it on again, press down on the LCD screen once.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Rotation                                                                                                                                                                         | <p>Whenever you press this button, the screen rotates clockwise or counterclockwise by 90 degrees.</p> <div>  <p>When rotating the screen, a part of the screen image may not be displayed in some software programs.</p> </div>                                                                                                                                                                                                                                                                          |
| Sound On / Off                                                                                                                                                                   | Press this item to turn the volume on or off.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Etiquette Mode On / Off                                                                                                                                                          | <p>Turns Etiquette mode on or off.<br/>Use Etiquette mode when you need a quiet working environment.</p> <div>  <p>Since Etiquette Mode makes the CPU run at its slowest, the program operating speed may slow down and the computer may overheat due to the slow fan speed.</p> </div>                                                                                                                                                                                                                   |
| Wireless LAN On / Off                                                                                                                                                            | Press this item to turn the Wireless LAN on or off.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Battery                                                                                                                                                                          | Shows the remaining battery charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Mouse/Joystick

The Mouse/Joystick has the functions of a mouse, joystick and INTERNET button. The INTERNET button function may not be provided depending on your computer model.

### Mouse Function

Press the **MOUSE** part at the top of the **Mouse/Joystick**. If the **Mouse** (🖱️) icon is lit, you can use the **Mouse/Joystick** as a mouse.



#### ► Moving the Cursor

Place your left hand thumb on the Mouse/Joystick, and move it in the direction you want to move the cursor.

#### ► Click / Double-Click

When the **Mouse** (🖱️) icon is lit, press the **L button** (L) once for the click (select) operation and press the button twice for the double-click operation.

#### ► Right-Click

When the **Mouse** (🖱️) icon is lit, press the **R button** (R) once for the right-click operation.

## Joystick Function

---

Press the **MOUSE** button above the **Mouse/Joystick**.

If the **Joystick** (🖱️) icon is lit, you can use the **Mouse/Joystick** as a joystick.

**MOUSE**



## INTERNET Button Function

---

If you press the **INTERNET** button below the **Mouse/Joystick**, you can connect to the Internet.

The **INTERNET** button function may not be provided depending on your computer model.

**INTERNET**



## User-Defined Button

A **User-Defined Button** refers to a button which can be configured so that pressing it launches a frequently used program or plays the role of pressing a particular key combination.

It is convenient to set your frequently-used programs or key combinations as groups.



**User-Defined Button**



The button shapes and program screens may differ from actual ones.

## Default Group Setting

The Internet, Explorer and Presentation are provided as a basic group and the Internet group is set by default when purchasing the computer. However, you cannot change the settings for the basic group.

## Internet Group Setting Status

| Button | Function               | Description                                                              |
|--------|------------------------|--------------------------------------------------------------------------|
| ▲      | <b>MouseScrollUP</b>   | Scrolls up in a window as a mouse scroll.                                |
| ▶      | <b>Forward</b>         | Moves forward in Internet or Windows Explorer to display the next page.  |
| ▼      | <b>MouseScrollDown</b> | Scrolls down in a window as with a mouse scroll.                         |
| ◀      | <b>Back</b>            | Moves back in Internet or Windows Explorer to display the previous page. |

## Configuring Additional Groups

Below are procedures to add an additional group to the default group and for setting up functions for the four buttons.

As an example, the procedures to add a new group named “Test”, configure the ▲ button to a particular key combination, and configure the ► button to a program are described below.

- 1 Double-click the **Easy Button Manager** icon (  ) from the Taskbar.

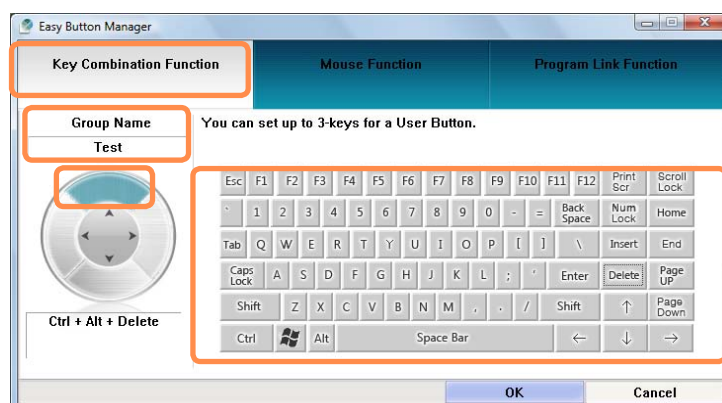
Alternatively, press the **UDF** (  ) Touch Sensor button if there are Touch Sensor buttons.

- 2 In the Main screen, click **Add**.

- 3 Enter a name in the **Group Name** field of the **Tablet PC Input Panel**.  
For example, enter “**Test**”.



For information on how to use the Tablet PC Input Panel, refer to the descriptions for Entering Text. [p.51](#)



- 4 After selecting the ▲ button, select the **Key Combination Function**.

**Key Combination Function:** You can set a User Button to a particular key combination.

**Mouse Function:** You can set a User Button to a mouse operation.

**Program Link Function:** You can set a User Button to launch a frequently used program.

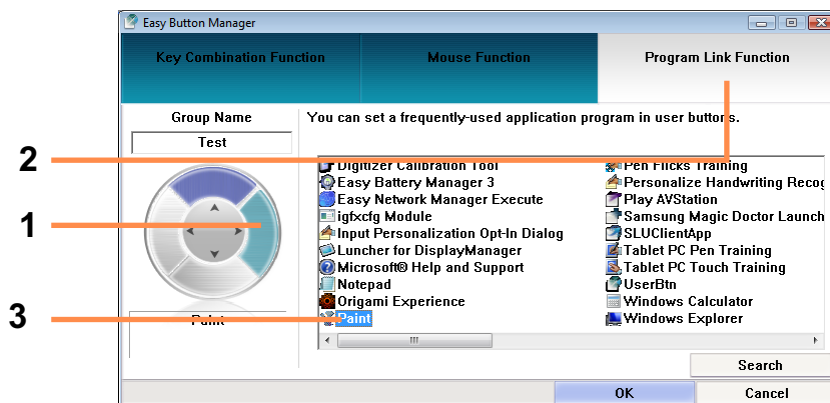
**5** Press a required key combination.

For example, if you have pressed the **Ctrl, Alt, Delete** key in order, “**Ctrl + Alt + Delete**” is displayed on the left side of the screen.

**6** To continue with setting up the ► button, select the ► button and click the **Program Link Function**.

Select the program you want and click the **OK** button.

If the program you want is not in the list, click the **Search** button and select a program.



**7** You can view the settings for each button in the Main screen.

Select a group from the Group Name and click the **OK** button. The user buttons perform the roles set in the selected group.



■ **To use the functions of the added group or another group**

Launch Easy Button Manager, select a group from the **Group Name** of the main screen and click **OK**.

■ **To delete or modify the group list**

Launch Easy Button Manager, select a group from the **Group Name** of the main screen and click **Delete** or **Modify**.

## Q Button

Pressing the Q button when Windows is running launches AVStation Viewer.

Users can change the Q button settings so that pressing the button launches a different frequently used program.

### To change the Q button settings

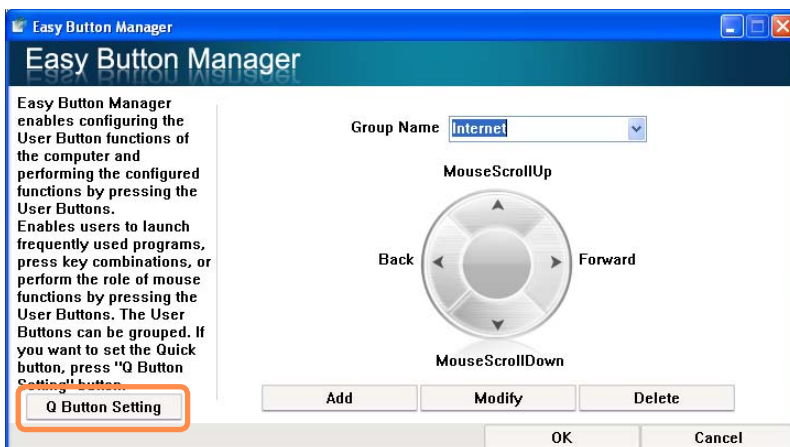
---

It is convenient to set your frequently-used programs.

- 1 Double-click the **Easy Button Manager** icon() from the Taskbar.

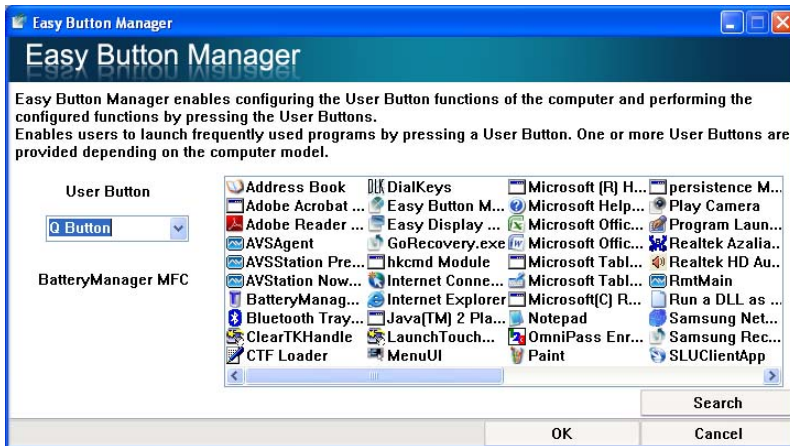
Alternatively, press the **UDF** () Touch Sensor button if there are Touch Sensor button.

- 2 In the Main screen, click **Q Button Setting**.



3 Select the program you want and click the **OK** button.

If a program is not in the list, click **Search**, select the program and then click **OK**.





## Multi Card Slot

You can use SD and MMC cards using the multi card slot.

You can use storage cards as removable disks and use them to conveniently exchange data with digital devices such as digital cameras, digital camcorders, MP3 players, etc.



- A multi card slot is optional and is provided for some models only.
- Users have to purchase storage cards according to their needs.
- While the multi card slot enables users to use memory cards as data storage, it does not support a copyright protection function.
- Remove and keep the cards in a separate location when carrying the computer as they may become lost while moving.

### Supported Card Types



SD Card



MMC Card

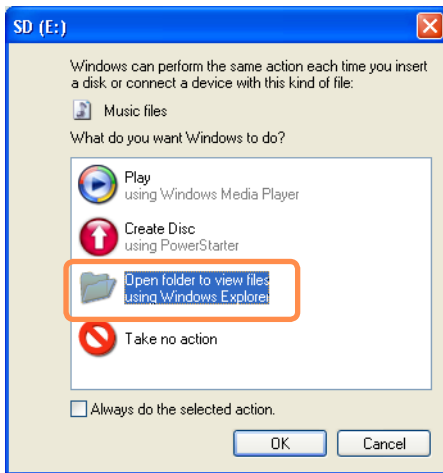
### Using a Memory Card

- 1 Insert the memory card into the multi card slot according to the direction printed on the slot.

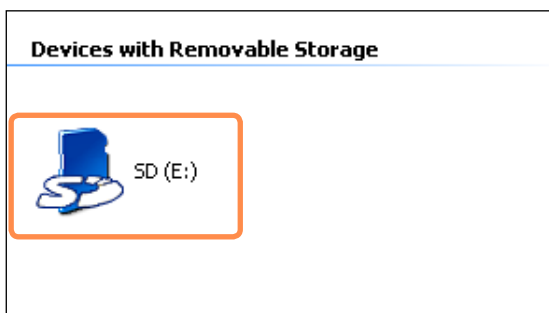


- 2** The card drive appears. Click **Open folder to view files**.

If the window does not appear, click **Start > My Computer**.



- 3** Double-click the corresponding drive to save, move or delete data.



You cannot use an unformatted card. If the card is not formatted, format the card first, referring to the 'Formattung a Card' section. p.67



#### **To use a Mini SD or RS-MMC card**

These cards cannot be inserted into the slot because they are too small.

You can use the cards by inserting the cards into the corresponding card adapter and then inserting the adapter into the multi card slot.

## **Removing a Card**

- 1** Push the end of the card slightly.
- 2** The card clicks and pops out. Remove the card from the slot.

## Formatting a Card

---

You have to format a card before using it.



If you format a card, all the data saved on the card will be removed. Make sure to backup data before formatting a card if data has been saved to the card.

- 1 Select **Start > My Computer**.
- 2 Right-click over the card drive and select **Format** from the pop-up menu.
- 3 If you click **Start**, formatting will begin.



To use a card to exchange data with a digital device such as a digital camera, formatting the card in the digital device is recommended.  
Some digital devices may fail to recognize a card formatted on a computer. In this case, you have to format the card in the digital device.

## Connecting a Monitor

Using an external monitor, you can watch a movie on wide screen or give a presentation. The procedures to view pictures on an external monitor are described below.



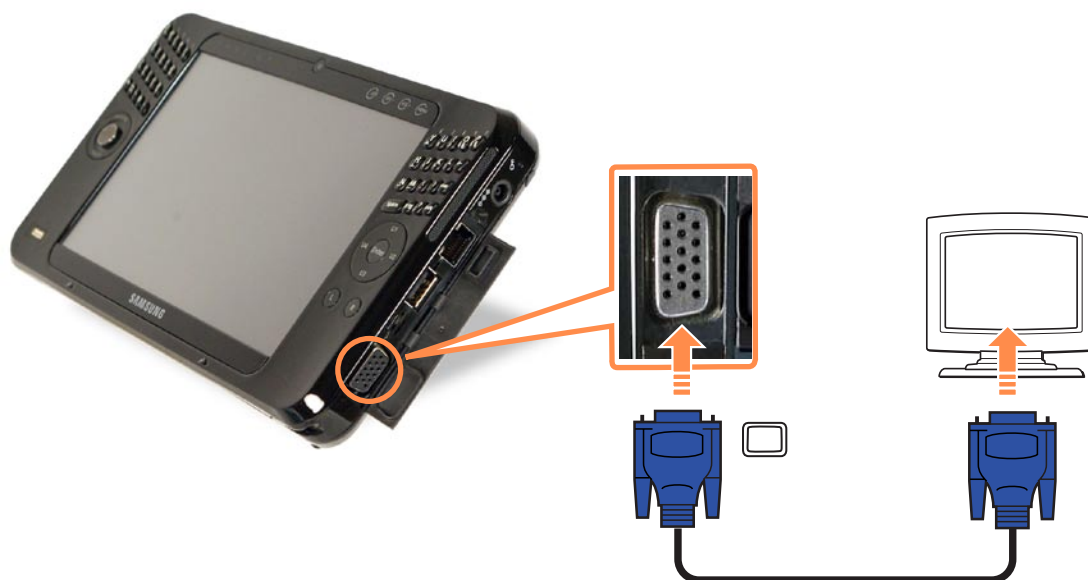
When using an **external monitor** or **playing a game**, using the **Mouse/Joystick** or an **external mouse** is convenient.

You have to purchase the monitor connection cable additionally.

The monitor port color may differ from the actual one.

## Connecting a Monitor

Open the cover on the right side and connect a monitor to the **Monitor Port**.



## Method 1. Configuring with the MENU Button

- 1 Connect the monitor and touch the **MENU** button to launch the MENU program.

**MENU button** (For models with the Touch Sensor button only)

**MENU button** (For models without the Touch Sensor button only)



**LCD/CRT Item**

- 2 Press the button to the right of the LCD/CRT button to switch to a different mode. Whenever you press the button to the right of the LCD/CRT button, the computer screen is output to **LCD > CRT > LCD+CRT Clone > LCD+CRT Dual View** mode, in this sequence.

- **LCD:** You can view the computer screen through the LCD only.
- **CRT:** You can view the computer screen on an external monitor.
- **LCD+CRT Clone:** When selecting this mode, you can view the same screen on both the LCD and the external monitor.
- **LCD+CRT Dual View:** When selecting this mode, you can view a screen spanning over the LCD and the external monitor, and you can set different resolutions for each display device.



Displaying the computer screen on an external monitor only, may not be supported with the **MENU** button. In this case, to display the screen on an external monitor, try using the Intel program. [p.70](#)

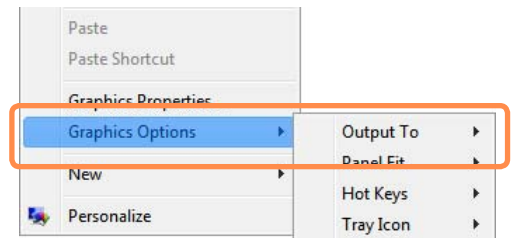
## Method 2. Configuring with the Intel Program



The terms and the screen figures in the manual may differ from actual ones.

- 1 Connect the monitor and click the **Intel(R) Graphics Media Accelerator Driver for Mobile** icon (  ) on the Taskbar. Or right-click on the desktop. The pop-up menu appears.

- 2 Select **Graphics Options** and **Output To** from the pop-up menu.



- 3 Select a display mode from among the available **Display Modes 1~4** in the **Graphics Options** menu.

