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# IN SEARCH OF INCREDIBLE

E-Manual

**ASUS**

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# About this manual

This manual provides information about the hardware and software features of your Notebook PC, organized through the following chapters:

## **Chapter 1: Hardware Setup**

This chapter details the hardware components of your Notebook PC.

## **Chapter 2: Using your Notebook PC**

This chapter shows you how to use the different parts of your Notebook PC.

## **Chapter 3: Working with Windows® 10**

This chapter provides an overview of using Windows® 10 in your Notebook PC.

## **Chapter 4: Power-On Self-Test (POST)**

This chapter shows you how to use POST to change the settings of your Notebook PC.

## **Tips and FAQs**

This section presents some recommended tips, hardware FAQs, and software FAQs you can refer to for maintaining and fixing common issues with your Notebook PC.

## **Appendices**

This section includes notices and safety statements for your Notebook PC.

## Conventions used in this manual

To highlight key information in this manual, some text are presented as follows:

---

**IMPORTANT!** This message contains vital information that must be followed to complete a task.

---

---

**NOTE:** This message contains additional information and tips that can help complete tasks.

---

---

**WARNING!** This message contains important information that must be followed to keep you safe while performing tasks and prevent damage to your Notebook PC's data and components.

---

## Icons

The icons below indicate the devices you can use for completing a series of tasks or procedures on your Notebook PC.



= Use the touch screen panel.



= Use the touchpad.



= Use the keyboard.

## Typography

**Bold** = This indicates a menu or an item that must be selected.

*Italic* = This indicates sections that you can refer to in this manual.



# Safety precautions

## Using your Notebook PC



This Notebook PC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F).



Refer to the rating label on the bottom of your Notebook PC and ensure that your power adapter complies with this rating.



Do not leave your Notebook PC on your lap or near any part of your body to prevent discomfort or injury from heat exposure.



Do not use damaged power cords, accessories, and other peripherals with your Notebook PC.



While powered on, ensure that you do not carry or cover your Notebook PC with any materials that can reduce air circulation.



Do not place your Notebook PC on uneven or unstable work surfaces.



You can send your Notebook PC through x-ray machines (used on items placed on conveyor belts), but do not expose them to magnetic detectors and wands.



Contact your airline provider to learn about related in-flight services that can be used and restrictions that must be followed when using your Notebook PC in-flight.

## Caring for your Notebook PC



Disconnect the AC power and remove the battery pack (if applicable) before cleaning your Notebook PC. Use a clean cellulose sponge or chamois cloth dampened with a solution of nonabrasive detergent and a few drops of warm water. Remove any extra moisture from your Notebook PC using a dry cloth.



Do not use strong solvents such as thinners, benzene, or other chemicals on or near your Notebook PC.



Do not place objects on top of your Notebook PC.



Do not expose your Notebook PC to strong magnetic or electrical fields.



Do not use or expose your Notebook PC near liquids, rain, or moisture.



Do not expose your Notebook PC to dusty environments.



Do not use your Notebook PC near gas leaks.

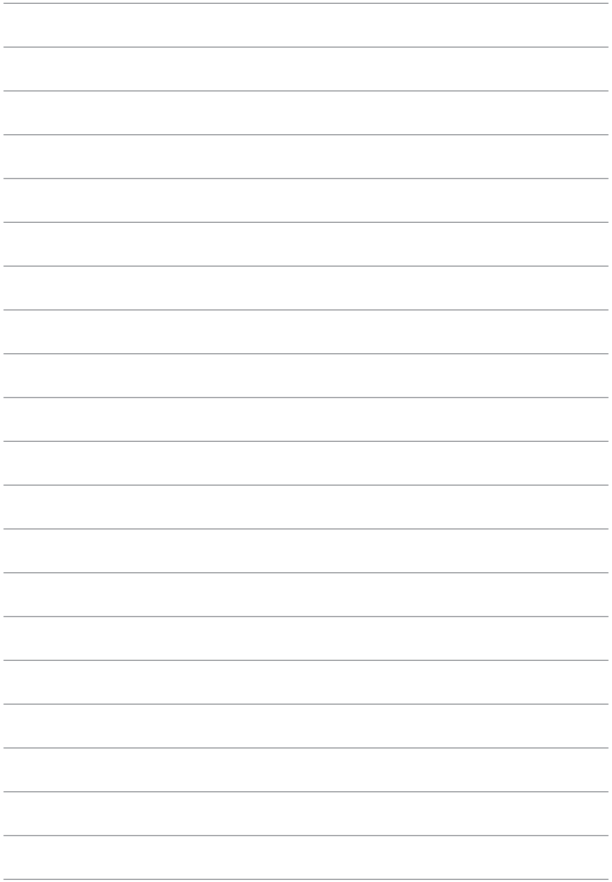
## Proper disposal



Do not throw your Notebook PC in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.



Do not throw the battery in municipal waste. The symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.

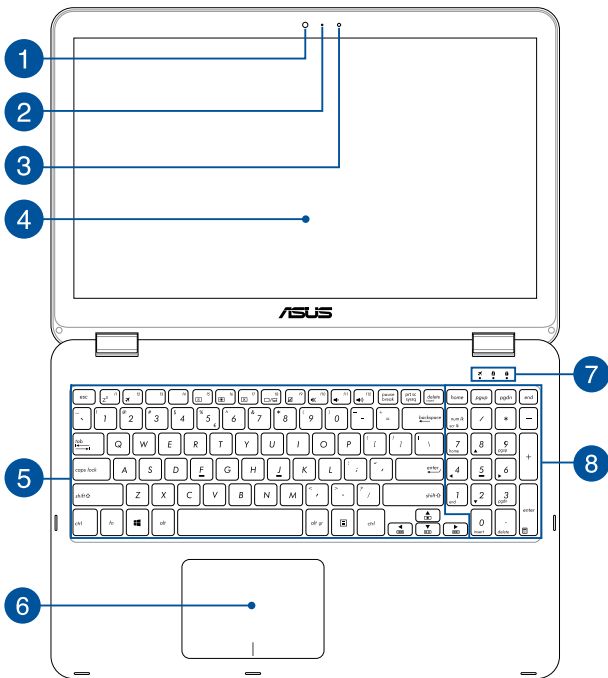


# ***Chapter 1:*** ***Hardware Setup***

# Getting to know your Notebook PC

## Top View

**NOTE:** The keyboard's layout may vary per region or country. The Notebook view may also vary in appearance depending on the Notebook PC model.



## 1 Camera

The built-in camera allows you to take pictures or record videos using your Notebook PC.

## 2 Camera indicator

The camera indicator lights up when the built-in camera is in use.

## 3 Microphone

The built-in microphone can be used for video conferencing, voice narrations, or simple audio recording.

## 4 360°-adjustable touch screen panel

Your Notebook PC's touch screen panel can be adjusted all the way into a 360° angle. This feature allows you to quickly turn your device from a Notebook PC into a touch-enabled tablet PC.

This high-definition touch screen panel provides excellent viewing features for photos, videos, and other multimedia files on your Notebook PC. It also allows you to operate it using touch screen gestures.

---

**NOTE:** For more details on how to turn your Notebook PC into a tablet device, refer to the *Using the touch screen panel as a tablet* section in this manual.

---

## 5 Keyboard

The keyboard provides full-sized QWERTY keys with a comfortable travel depth for typing. It also enables you to use the function keys, allows quick access to Windows®, and controls other multimedia functions.

---

**NOTE:** The keyboard layout differs by model or territory.

---

## 6 Touchpad

The touchpad allows the use of multi-gestures to navigate onscreen, providing an intuitive user experience. It also simulates the functions of a regular mouse.

---

**NOTE:** For more details, refer to the *Using the touchpad* section in this manual.

---

## 7 Status Indicators

The status indicators help identify the current hardware status of your Notebook PC.



### Airplane mode indicator

This indicator lights up when the Airplane mode in your Notebook PC is enabled.

---

**NOTE:** When enabled, the Airplane mode disables all wireless connectivity.

---



### Capital lock indicator

This indicator lights up when the capital lock function is activated. Using capital lock allows you to type capitalized letters (such as A, B, C) using your Notebook PC's keyboard.



### Number lock indicator

This indicator lights up when the number lock function is activated. This allows you to use some of the keys on your keyboard for numeric input.



8

## Numeric keypad

The numeric keypad toggles between these two functions: for numeric input and as pointer direction keys.

---

**NOTE:** For more details, refer to the *Using the numeric keypad* section in this manual.

---

## Bottom

---

**NOTE:** The bottom side may vary in appearance depending on model.

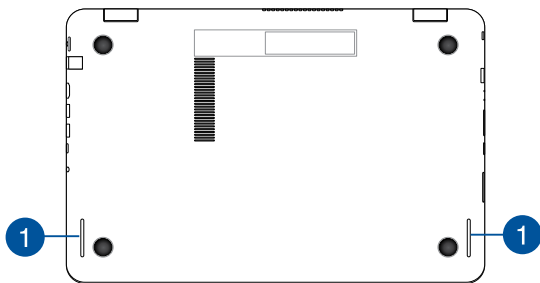
---

**WARNING!** The bottom of the Notebook PC can get warm to hot while in use or while charging the battery pack. When working on your Notebook PC, do not place it on surfaces that can block the vents.

---

**IMPORTANT!** Battery time varies by usage and by the specifications for this Notebook PC. The battery pack cannot be disassembled.

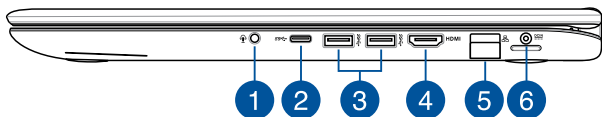
---



### 1 Audio speakers

The built-in audio speaker allows you to hear audio straight from the Notebook PC. The audio features of this Notebook PC are software-controlled.

## Right Side



### 1 Headphone/Headset/Microphone jack

This port allows you to connect amplified speakers or headphones. You can also use this port to connect your headset or an external microphone.

### 2 USB Type-C port

The USB (Universal Serial Bus) Type-C port provides a transfer rate of up to 5 Gbit/s and is backward compatible to USB 2.0.

---

**NOTE:** Transfer rate of this port may vary per model.

---

### 3 USB 3.0 port

This USB 3.0 (Universal Serial Bus 3.0) port provides a transfer rate of up to 5 Gbit/s and is backward compatible to USB 2.0.

### 4 HDMI port

This port is for the HDMI (High-Definition Multimedia Interface) connector and is HDCP compliant for HD DVD, Blu-ray, and other protected content playback.

### 5 LAN port

Insert the network cable into this port to connect to a local area network.

6

## Power (DC) input port

Insert the bundled power adapter into this port to charge the battery pack and supply power to your Notebook PC.

---

**WARNING!** The adapter may become warm to hot while in use. Do not cover the adapter and keep it away from your body while it is connected to a power source.

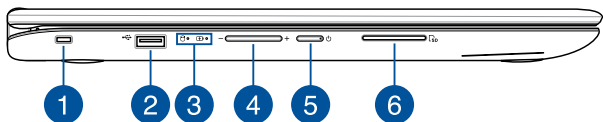
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---

**IMPORTANT!** Use only the bundled power adapter to charge the battery pack and supply power to your Notebook PC.

---

## Left Side

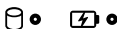



- 1 Security slot**


This security slot allows you to secure your Notebook PC using compatible Notebook PC security products.
- 2 USB 2.0 port**

This USB (Universal Serial Bus) port is compatible with USB 2.0 or USB 1.1 devices such as keyboards, pointing devices, flash disk drives, external HDDs, speakers, cameras and printers.
- 3 Status Indicators**

The status indicators help identify the current hardware status of your Notebook PC.



-  **Drive activity indicator**

This indicator lights up when your Notebook PC is accessing the internal storage drives.
-  **Two-color battery charge indicator**

The two-color LED provides a visual indication of the battery's charge status. Refer to the following table for details:

Color	Status
<b>Solid Green</b>	The Notebook PC is plugged to a power source and the battery power is between 95% and 100%.
<b>Solid Orange</b>	The Notebook PC is plugged to a power source, charging its battery, and the battery power is less than 95%.
<b>Blinking Orange</b>	The Notebook PC is running on battery mode and the battery power is less than 10%.
<b>Lights off</b>	The Notebook PC is running on battery mode and the battery power is between 10% to 100%.

#### 4 **Volume button**

This button turns the volume up or down on your Notebook PC.

#### 5 **Power button**

Press the power button to turn your Notebook PC on or off. You can also use the power button to put your Notebook PC to sleep or hibernate mode and wake it up from sleep or hibernate mode.

In the event that your Notebook PC becomes unresponsive, press and hold the power button for at least four (4) seconds until your Notebook PC shuts down.

#### 6 **Memory card reader**

This built-in memory card reader supports SD and SDHC card formats.

## ***Chapter 2:*** ***Using your Notebook PC***

# Getting started

## Charge your Notebook PC

- Plug the AC power adapter into a 100V~240V power source.
- Connect the DC power connector into your Notebook PC's power (DC) input port.

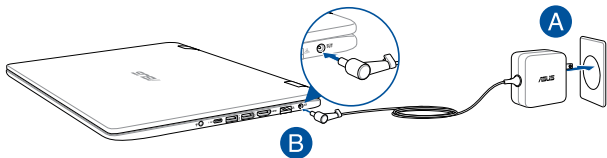


Charge the Notebook PC for **3 hours** before using it in battery mode for the first time.

---

**NOTE:** The power adapter may vary in appearance, depending on models and your region.

---



---

### IMPORTANT!

Power adapter information:

- Input voltage: 100-240Vac
  - Input frequency: 50-60Hz
  - Rating output current: 2.37A (45W)\* / 3.42A (65W)\*
  - Rating output voltage: 19V
- 

*\*on selected models only*



---

**IMPORTANT!**

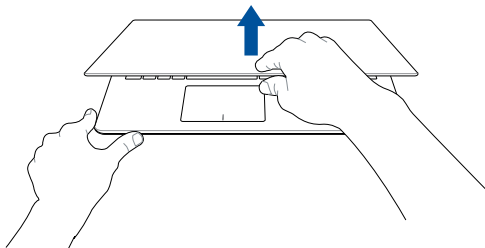
- Locate the input/output rating label on your Notebook PC and ensure that it matches the input/output rating information on your power adapter. Some Notebook PC models may have multiple rating output currents based on the available SKU.
  - Ensure that your Notebook PC is connected to the power adapter before turning it on for the first time. We strongly recommend that you use a grounded wall socket while using your Notebook PC on power adapter mode.
  - The socket outlet must be easily accessible and near your Notebook PC.
  - To disconnect your Notebook PC from its main power supply, unplug your Notebook PC from the power socket.
- 

**WARNING!**

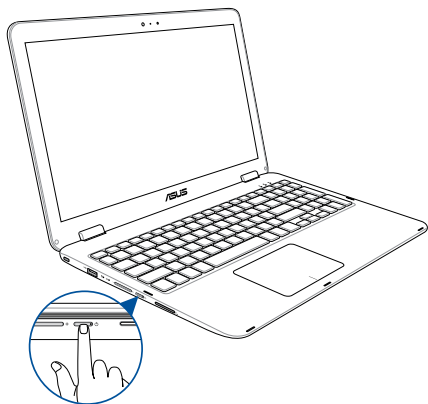
Read the following precautions for your Notebook PC's battery:

- Only ASUS-authorized technicians should remove the battery inside the device.
  - The battery used in this device may present a risk of fire or chemical burn if removed or disassembled.
  - Follow the warning labels for your personal safety.
  - Risk of explosion if battery is replaced by an incorrect type.
  - Do not dispose of in fire.
  - Never attempt to short-circuit your Notebook PC's battery.
  - Never attempt to disassemble and reassemble the battery.
  - Discontinue usage if leakage is found.
  - The battery and its components must be recycled or disposed of properly.
  - Keep the battery and other small components away from children.
-

## Lift to open the display panel



## Press the power button



# Gestures for the touch screen panel and touchpad

Gestures allow you to launch programs and access the settings of your Notebook PC. Refer to the following illustrations when using hand gestures on your touch screen panel and touchpad.

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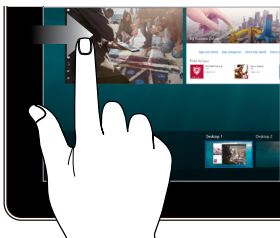
**NOTE:** The following screenshots are for reference only. The touch screen panel's appearance may vary depending on model.

---

## Using touch screen panel gestures

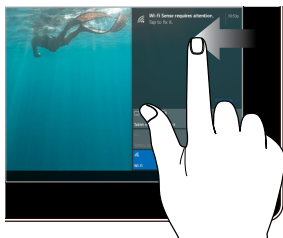
The gestures allow you to launch programs and access the settings of your Notebook PC. The functions can be activated by using the hand gestures on your Notebook PC's touch screen panel.

### Left edge swipe



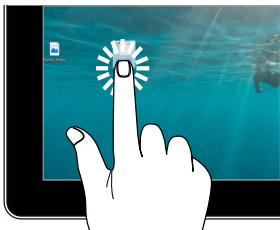
Swipe from the left edge of the screen to launch **Task view**.

### Right edge swipe



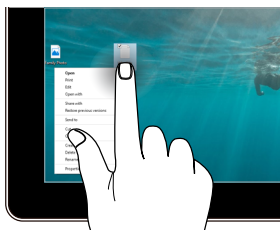
Swipe from the right edge of the screen to launch **Action Center**.

## Tap/Double-tap



- Tap an app to select it.
- Double-tap an app to launch it.

## Press and hold



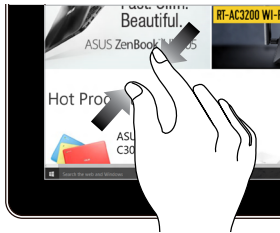
Press and hold to open the right-click menu.

## Zoom in



Spread apart your two fingers on the touch screen panel.

## Zoom out



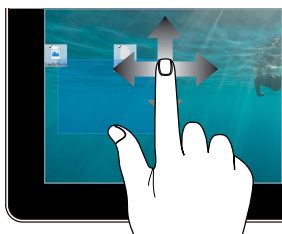
Bring together your two fingers on the touch screen panel.

## Finger slide



Slide your finger to scroll up and down and slide your finger to pan the screen left or right.

## Drag



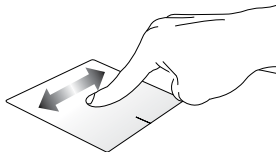
- Drag to create a selection box around multiple items.
- Drag and drop an item to move it to a new location.

## Using the touchpad

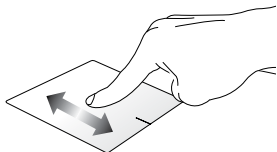
### Moving the pointer

You can tap anywhere on the touchpad to activate its pointer, then slide your finger on the touchpad to move the pointer onscreen.

#### Slide horizontally



#### Slide vertically



#### Slide diagonally

