

**E10292**  
**Revised Edition V3**  
**March 2015**



**HDMI**<sup>™</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

# Notebook PC

E-Manual

**ASUS**<sup>®</sup>  
IN SEARCH OF INCREDIBLE

## COPYRIGHT INFORMATION

No part of this manual, including the products and software described in it, may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form or by any means, except documentation kept by the purchaser for backup purposes, without the express written permission of ASUSTeK COMPUTER INC. ("ASUS").

ASUS PROVIDES THIS MANUAL "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ASUS, ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OR DATA, INTERRUPTION OF BUSINESS AND THE LIKE), EVEN IF ASUS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES ARISING FROM ANY DEFECT OR ERROR IN THIS MANUAL OR PRODUCT.

Products and corporate names appearing in this manual may or may not be registered trademarks or copyrights of their respective companies, and are used only for identification or explanation and to the owners' benefit, without intent to infringe.

SPECIFICATIONS AND INFORMATION CONTAINED IN THIS MANUAL ARE FURNISHED FOR INFORMATIONAL USE ONLY, AND ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE, AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY ASUS. ASUS ASSUMES NO RESPONSIBILITY OR LIABILITY FOR ANY ERRORS OR INACCURACIES THAT MAY APPEAR IN THIS MANUAL, INCLUDING THE PRODUCTS AND SOFTWARE DESCRIBED IN IT.

Copyright © 2015 ASUSTeK COMPUTER INC. All Rights Reserved.

## LIMITATION OF LIABILITY

Circumstances may arise where because of a default on ASUS' part or other liability, you are entitled to recover damages from ASUS. In each such instance, regardless of the basis on which you are entitled to claim damages from ASUS, ASUS is liable for no more than damages for bodily injury (including death) and damage to real property and tangible personal property; or any other actual and direct damages resulted from omission or failure of performing legal duties under this Warranty Statement, up to the listed contract price of each product.

ASUS will only be responsible for or indemnify you for loss, damages or claims based in contract, tort or infringement under this Warranty Statement.

This limit also applies to ASUS' suppliers and its reseller. It is the maximum for which ASUS, its suppliers, and your reseller are collectively responsible.

UNDER NO CIRCUMSTANCES IS ASUS LIABLE FOR ANY OF THE FOLLOWING: (1) THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES; (2) LOSS OF, OR DAMAGE TO, YOUR RECORDS OR DATA; OR (3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF ASUS, ITS SUPPLIERS OR YOUR RESELLER IS INFORMED OF THEIR POSSIBILITY.

## SERVICE AND SUPPORT

Visit our multi-language web site at <http://support.asus.com>

# Table of Contents

About this manual.....	7
Conventions used in this manual .....	8
Icons .....	8
Typography.....	8
Safety precautions.....	9
Using your Notebook PC.....	9
Caring for your Notebook PC .....	10
Proper disposal.....	11

## Chapter 1: Hardware Setup

Getting to know your Notebook PC .....	14
Top View.....	14
Bottom.....	17
Right Side .....	18
Left Side .....	20

## Chapter 2: Using your Notebook PC

Getting started .....	22
Charge your Notebook PC.....	22
Lift to open the display panel .....	24
Press the power button.....	24
Gestures for the touchpad .....	25
Moving the pointer.....	25
Enabling ASUS Smart Gesture .....	32
Using the keyboard.....	33
Function keys .....	33
Windows® 8.1 keys .....	34

## Chapter 3: Working with Windows® 8.1

Starting for the first time.....	36
Windows® UI.....	37
Start screen.....	37
Hotspots.....	38
Start button.....	41
Customizing your Start screen.....	43
Working with Windows® apps.....	44
Launching apps.....	44
Customizing apps.....	44
Accessing the Apps screen.....	46
Charms bar.....	48
Snap feature.....	51
Other keyboard shortcuts.....	53
Connecting to wireless networks.....	55
Wi-Fi.....	55
Bluetooth.....	56
Airplane mode.....	57
Turning your Notebook PC off.....	58
Putting your Notebook PC to sleep.....	58
Windows® 8.1 lock screen.....	59
To proceed from the lock screen.....	59
Customizing your lock screen.....	60

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

The Power-On Self-Test (POST).....	64
Using POST to access BIOS and Troubleshoot.....	64
BIOS.....	64
Accessing BIOS.....	64
BIOS Settings.....	65
Recovering your system.....	75
Enabling a recovery option.....	77

## Tips and FAQs

Useful tips for your Notebook PC .....	80
Hardware FAQs .....	81
Software FAQs.....	84

## Appendices

DVD-ROM Drive Information (on selected models).....	88
Blu-ray ROM Drive Information (on selected models).....	90
Internal Modem Compliancy .....	90
Overview.....	91
Network Compatibility Declaration .....	91
Non-Voice Equipment .....	91
Federal Communications Commission Interference Statement .....	93
Declaration of Conformity (R&TTE directive 1999/5/EC).....	94
FCC Radio Frequency (RF) Exposure Caution Statement .....	95
RF Exposure Information (SAR).....	95
CE Marking .....	96
IC Radiation Exposure Statement for Canada .....	97
Déclaration d'Industrie Canada relative à l'exposition aux ondes radio ...	98
Radio Frequency (RF) Exposure Information .....	99
Informations concernant l'exposition aux tilizeive radio (RF) .....	99
Wireless Operation Channel for Different Domains.....	100
France Restricted Wireless Frequency Bands .....	100
UL Safety Notices.....	102
Power Safety Requirement.....	103
TV Notices .....	103
REACH.....	103
Macrovision Corporation Product Notice .....	103
Prevention of Hearing Loss .....	103
Nordic Lithium Cautions (for lithium-ion batteries).....	104
Optical Drive Safety Information .....	105
CTR 21 Approval (for Notebook PC with built-in Modem) .....	106
ENERGY STAR complied product .....	108

Global Environmental Regulation Compliance and Declaration .....	109
ASUS Recycling/Takeback Services .....	109
Rechargeable Battery Recycling Service in North America.....	109
Regional notice for Singapore .....	110
Regional notice for India.....	110
Regional notice for California.....	110
Notices for removeable batteries.....	110
Avis concernant les batteries remplaçables.....	110

# 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® 8.1**

This chapter provides an overview of using Windows® 8.1 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 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.

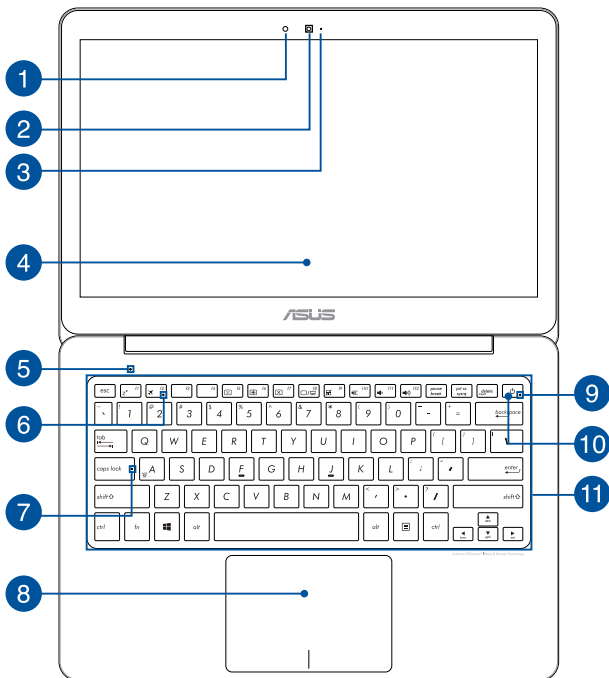


# ***Chapter 1:*** ***Hardware Setup***

# 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 Ambient light sensor**

The ambient light sensor detects the amount of ambient light in your environment. It allows the system to automatically adjust the brightness of the display depending on the ambient light condition.
- 2 Camera**

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

The camera indicator lights up when the built-in camera is in use.
- 4 Display panel**

This high-definition display panel provides excellent viewing features for photos, videos, and other multimedia files on your Notebook PC.
- 5 Microphone**

The built-in microphone can be used for video conferencing, voice narrations, or simple audio recording.
- 6 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.

---

## 7 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.

## 8 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 *Gestures for the touchpad* section in this manual.

---

## 9 Power indicator

The power indicator lights up when the Notebook PC is turned on and blinks slowly when the Notebook PC is in sleep mode.

## 10 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.

## 11 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.

---



## Bottom

---

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

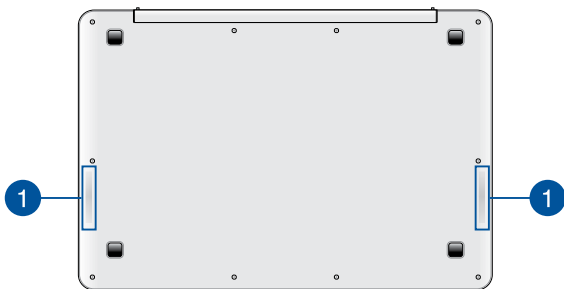
---

**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.

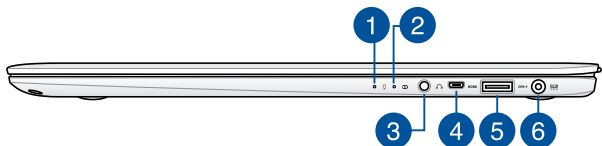
---



### 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

### Power indicator

The power indicator lights up when the Notebook PC is turned on and blinks slowly when the Notebook PC is in sleep mode.

2

### 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%.

### 3 Headphone jack

This port allows you to connect amplified speakers or headphones.

### 4 Micro HDMI port

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

### 5 USB 3.0 port with USB Charger+

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

This USB 3.0 port also comes with the USB Charger+ feature for quick-charging mobile devices.

### 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.

---

---

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

---

## Left Side



1

### USB 3.0 ports

These USB (Universal Serial Bus) ports provide a transfer rate of up to 5 Gbit/s and are backward compatible to USB 2.0.

2

### Memory card reader

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

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

# Getting started

## Charge your Notebook PC

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

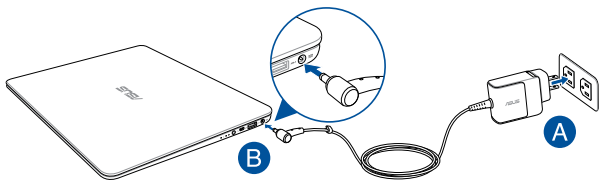


Charge the Notebook PC for **3 hours** before using it in battery mode for the first time.

---

**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 max. (45W)
  - Rating output voltage: 19V
-

---

**IMPORTANT!**

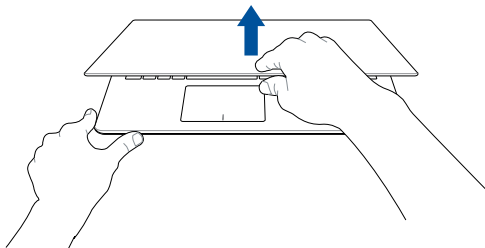
- Locate the input/output rating label on your Notebook PC and ensure that it matches the input/output rating information on your power adapter. Some Notebook PC models may have multiple rating output currents based on the available SKU.
  - Ensure that your Notebook PC is connected to the power adapter 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!**

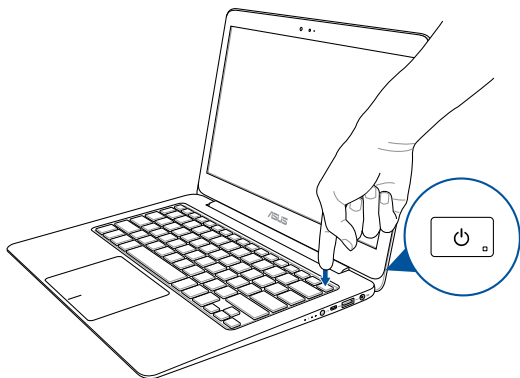
Read the following precautions for your Notebook PC's battery.

- 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





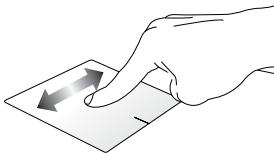
# Gestures for the touchpad

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 touchpad.

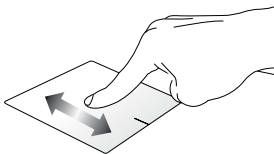
## Moving the pointer

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

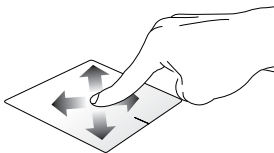
### Slide horizontally



### Slide vertically

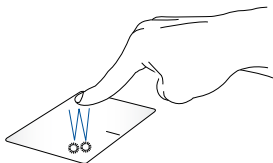


### Slide diagonally



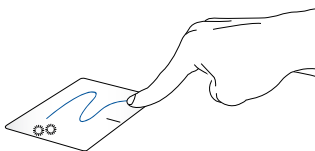
## One-finger gestures

### Tap/Double tap



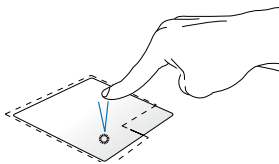
- In the Start screen, tap an app to launch it.
- In Desktop mode, double-tap an application to launch it.

### Drag and drop



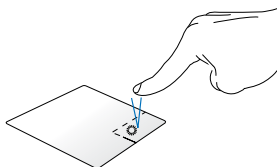
Double-tap an item, then slide the same finger without lifting it off the touchpad. To drop the item to its new location, lift your finger from the touchpad.

## Left-click



- In the Start screen, click an app to launch it.
- In Desktop mode, double-click an application to launch it.

## Right-click



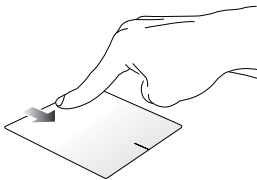
- In the Start screen, click an app to select it and launch the settings bar. You can also press this button to launch the **All Apps** bar.
- In Desktop mode, use this button to open the right-click menu.

---

**NOTE:** The areas inside the dotted line represent the locations of the left mouse button and the right mouse button on the touchpad.

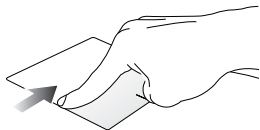
---

## Top edge swipe



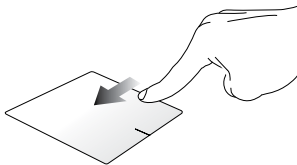
- In the Start screen, swipe from the top edge to launch the **All Apps** bar.
- In a running app, swipe from the top edge to view its menu.

## Left edge swipe



Swipe from the left edge to shuffle your running apps.

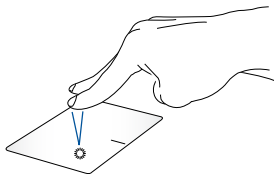
## Right edge swipe



Swipe the right edge to launch the **Charms bar**.

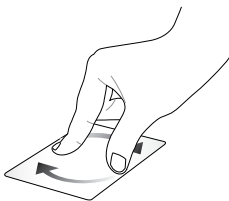
## Two-finger gestures

### Tap



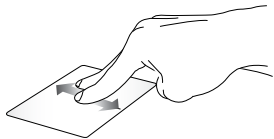
Tap two fingers on the touchpad to simulate the right-click function.

### Rotate



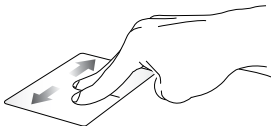
To rotate an image, place two fingers on the touchpad then turn one finger clockwise or counterclockwise while the other stays still.

### Two-finger scroll (up/down)



Slide two fingers to scroll up or down.

### Two-finger scroll (left/right)



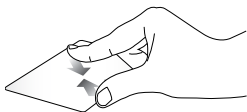
Slide two fingers to scroll left or right.

---

**NOTE:** Ensure to enable rotate gesture in your Notebook PC. For more information, refer to the section *Enabling ASUS Smart Gesture*.

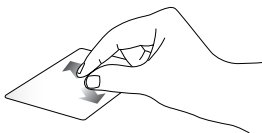
---

### **Zoom out**



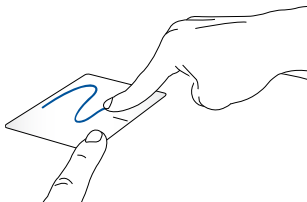
Bring together your two fingers on the touchpad.

### **Zoom in**



Spread apart your two fingers on the touchpad.

### **Drag and drop**



Select an item then press and hold the left button. Using your other finger, slide on the touchpad to drag the item, lift your finger off the button to drop the item.

## Three-finger gestures

### Swipe up



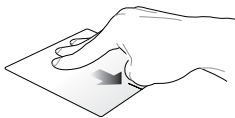
Swipe three fingers upward to show all running applications.

### Swipe left/right



Swipe three fingers left or right to show running apps in Desktop mode or Start screen.

### Swipe down



Swipe three fingers downward to show the Desktop mode.



---

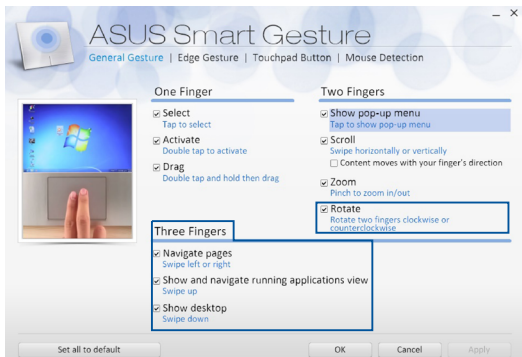
**NOTE:** Ensure to enable the three-finger gestures in your Notebook PC . For more information, refer to the section *Enabling ASUS Smart Gesture*.

---

## Enabling ASUS Smart Gesture

Activate the rotate and three-finger gestures of your touchpad using the following steps:

1. Launch the Desktop app.
2. On the lower-right corner of the taskbar, tap  >  to launch ASUS Smart Gesture app.
3. Tick the following items to enable Smart Gestures:
  - For three-finger gestures:
    - Navigate page
    - Show and navigate running apps' view
    - Show desktop
  - For two-finger rotate gesture:
    - Rotate
4. Tap **Apply** then tap **OK**.

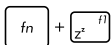




# Using the keyboard

## Function keys

The function keys on your Notebook PC's keyboard can trigger the following commands:



Puts the Notebook PC into **Sleep mode**

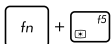


Turns **Airplane mode** on or off

---

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

---



Decreases display brightness



Increases display brightness



Turns the display panel off



Toggles the display mode

---

**NOTE:** Ensure that the second display is connected to your Notebook PC.

---



Enables or disables the touchpad



Turns the speaker on or off



Turns the speaker volume down



Turns the speaker volume up

## Windows® 8.1 keys

There are two special Windows® keys on your Notebook PC's keyboard used as below:



Press this key to go back to the Start screen. If you are already in the Start screen, press this key to go back to the last app you opened.



Press this key to simulate the right-click functions.

# ***Chapter 3:***

## ***Working with Windows® 8.1***

# Starting for the first time

When you start your computer for the first time, a series of screens appear to guide you in configuring your Windows® 8.1 operating system.

To start your Notebook PC for the first time:

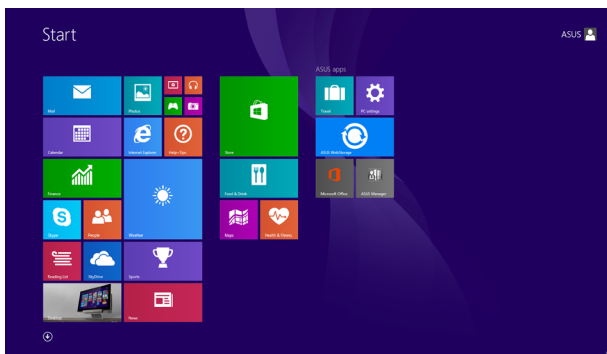
1. Press the power button on your Notebook PC. Wait for a few minutes until the setup screen appears.
2. From the setup screen, pick your region and a language to use on your Notebook PC.
3. Carefully read the License Terms. Select **I accept**.
4. Follow the onscreen instructions to configure the following basic items:
  - Personalize
  - Get online
  - Settings
  - Your account
5. After configuring the basic items, Windows® 8.1 proceeds to install your apps and preferred settings. Ensure that your Notebook PC is kept powered on during the setup process.
6. Once the setup process is complete, the Start screen appears.

# Windows® UI

Windows® 8.1 comes with a tile-based user interface (UI) which allows you to organize and easily access Windows® apps from the Start screen. It also includes the following features that you can use while working on your Notebook PC.

## Start screen

The Start screen appears after successfully signing in to your user account. It helps organize all the applications you need in just one place.



## Windows® Apps

These are apps pinned on the Start screen and displayed on tiled-format for easy access.

---

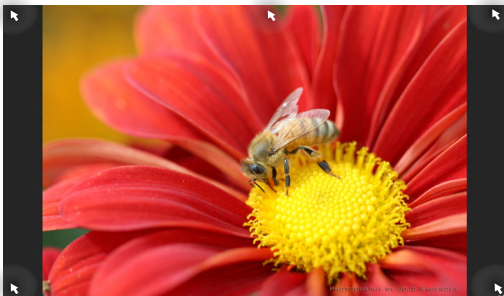
**NOTE:** Some apps require signing in to your Microsoft account before they are fully launched.

---

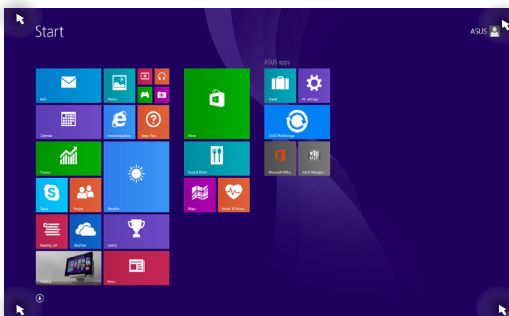
## Hotspots

Onscreen hotspots allow you to launch programs and access the settings of your Notebook PC. The functions in these hotspots can be activated using the touchpad.

### Hotspots on a running app



### Hotspots on the Start screen



## Hotspot

## Action

### upper left corner

Hover your mouse pointer on the upper left corner then tap/click on the recent app's thumbnail to revert back to that running app.


---

If you launched more than one app, slide down to show all running apps.

---

### lower left corner

From a running app screen:

Hover your mouse pointer on the lower left corner then tap/click  to go back to the Start screen.

---


**NOTE:** You can also press the Windows key



on your keyboard to go back to the Start screen.

---

From the Start screen:

Hover your mouse pointer on the lower left corner then tap/click  to go back to that app.

---

## Hotspot

## Action

### top side

Hover your mouse pointer on the top side until it changes to a hand icon. Drag then drop the app to a new location.

---

**NOTE:** This hotspot function only works on a running app or when you want to use the Snap feature. For more details, refer to the Snap feature under *Working with Windows® apps*.

---

---

### upper or lower right corner

Hover your mouse pointer on the upper or lower right corner to launch the **Charms bar**.

---



## Start button

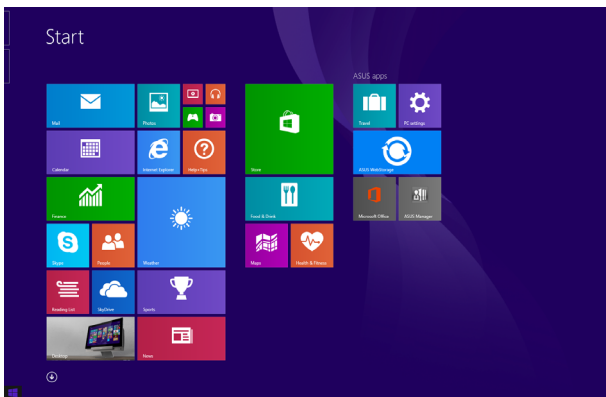
Windows® 8.1 features the Start button which allows you to switch between the two most recent apps that you opened. The Start button may be accessed from the Start screen, while on Desktop mode, and on any app that is currently open onscreen.

### Start button on the Start screen

---

**NOTE:** The actual color of your Start button varies depending on the display settings you chose for your Start screen.

---



Hover your mouse pointer over the left corner of your Start screen or any opened app to call out the Start button.

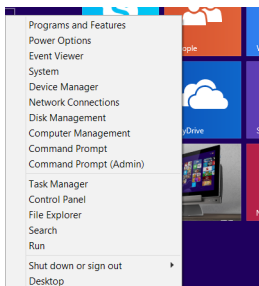
## Start button on Desktop mode



### Context menu

The context menu appears as a box filled with quick access to some of the programs inside Windows® 8.1 when you right-click on the Start button.

The context menu also includes the following shut down options for your Notebook PC: sign out, sleep, shut down, restart.



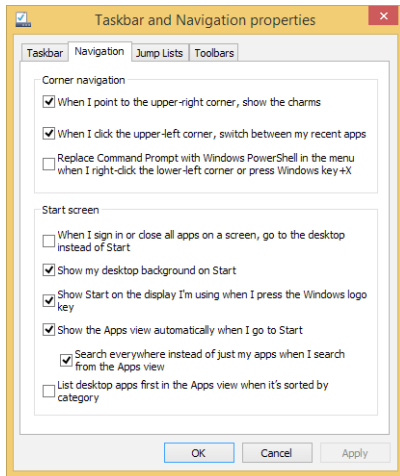
## Customizing your Start screen

Windows® 8.1 also enables you to customize your Start screen, allowing you to boot directly to the Desktop mode and customize the arrangement of your apps onscreen.

To customize the settings of your Start screen:



1. Launch the Desktop.
2. Right-click anywhere on the taskbar, except on the Start button, to launch the pop-up window.



3. Click **Properties** then select the **Navigation** tab to tick the Navigation and Start screen options you want to use.
4. Tap/click **Apply** to save the new settings then exit.

# Working with Windows® apps



Use your Notebook PC's touchpad, or keyboard to launch, customize, and close apps.

## Launching apps



Position your mouse pointer over the app then left-click or tap once to launch it.



Press  twice then use the arrow keys to browse through the apps. Press  to launch an app.

## Customizing apps

You can move, resize, unpin, or close apps from the Start screen using the following steps:


### Moving apps



Double-tap on the app then drag and drop the app to a new location.

### Resizing apps



Right-click on the app to activate the Customize bar, then tap/click  and select an app tile size.

## Unpinning apps



Right-click on the app to activate the Customize bar then tap/click



## Closing apps



1. Move your mouse pointer on the top side of the launched app then wait for the pointer to change to a hand icon.
2. Drag then drop the app to the bottom of the screen to close it.

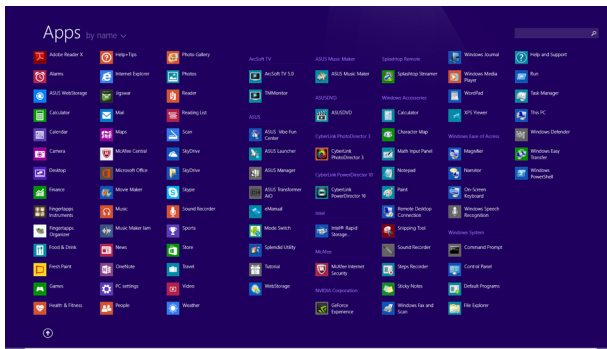


From the running app's screen, press alt + f4.

## Accessing the Apps screen

Aside from the apps already pinned on your Start screen, you can also open other applications through the Apps screen.


**NOTE:** Actual apps shown onscreen may vary per model. The following screenshot is for reference only.





## Launching the Apps screen

Launch the Apps screen using your Notebook PC's touchpad or keyboard.



On the Start screen, click the  button.




From the Start screen, Press  then press .

## Pinning more apps on the Start screen

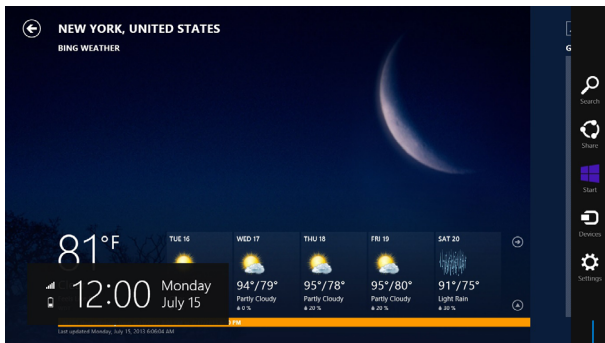
You can pin more apps on the Start screen using your touchpad.



1. Launch the All Apps screen
2. Right-click on the apps that you want to add on the Start screen.
3. Tap/click on the  icon to pin the selected apps on the Start screen.

## Charms bar

The Charms bar is a toolbar that can be triggered on the right side of your screen. It consists of several tools that allow you to share applications and provide quick access for customizing the settings of your Notebook PC.



Charms bar



## Launching the Charms bar

---

**NOTE:** When called out, the Charms bar initially appears as a set of white icons. The image above shows how the Charms bar looks like once activated.

---

Use your Notebook PC's touchpad or keyboard to launch the Charms bar.



Move your mouse pointer on the upper or lower right corner of the screen.



Press  + 

## Inside the Charms bar



### Search

This charm allows you to look for files, applications, or programs in your Notebook PC.



### Share

This charm allows you to share applications via social networking sites or email.



### Start

This charm reverts the display back to the Start screen. From the Start screen, you can also use this to revert back to a recently opened app.



### Devices

This charm allows you to access and share files with the devices attached to your Notebook PC such as an external display or printer.



### Settings

This charm allows you to access the PC settings of your Notebook PC.