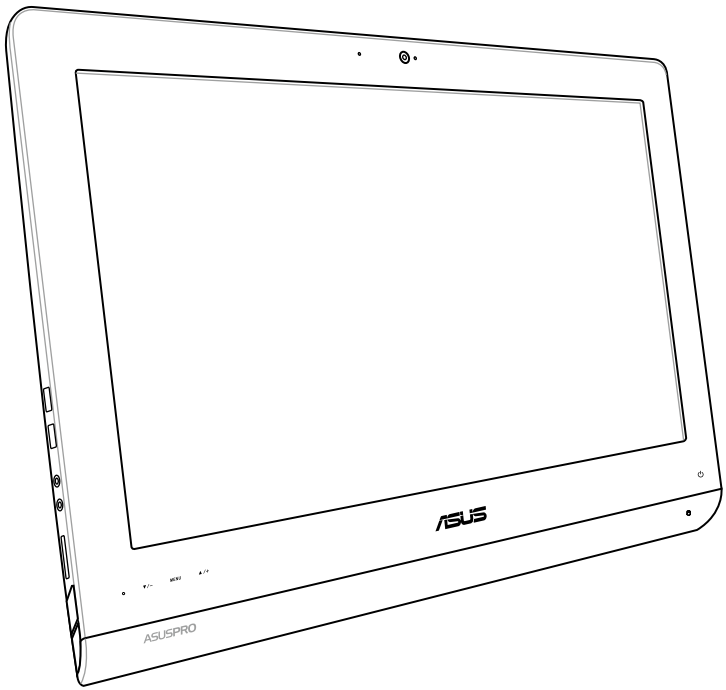
IN SEARCH OF INCREDIBLE

English

All–in–One PC

User Manual



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

ET2221I / A6410 Series

English

E9594b
July 2014

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English

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About this manual

This manual provides information about the hardware and software features of your All-in-One PC, organized through the following chapters:

Chapter 1: Hardware Setup

This chapter details the hardware components of your All-in-One PC.

Chapter 2: Using your All-in-One PC

This chapter provides you with information on using your All-in-One PC.

Chapter 3: Working with Windows® 8.1

This chapter provides an overview of using Windows® 8.1 in your All-in-One PC.

Chapter 4: Recovering your system

This chapter provides recovery options for your All-in-One PC.

Appendices

This section includes notices and safety statements for your All-in-One PC.

English

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 All-in-One 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 All-in-One PC.

 = (optional) Use the touch screen panel.

 = (optional) Use the wired/ wireless mouse.

 = (optional) Use the wired/ wireless 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.

All illustrations and screenshots in this manual are for reference only. Actual product specifications and software screen images may vary with territories. Visit the ASUS website at www.asus.com for the latest information.

Safety information

Your All-in-One PC ET2221I / A6410 Series is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

Setting up your system

- Read and follow all instructions in the documentation before you operate your system.
- Do not use this product near water or a heated source such as a radiator.
- Set up the system on a stable surface.
- Openings on the chassis are for ventilation. Do not block or cover these openings. Ensure that you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- Use this product in environments with ambient temperatures between 0˚C and 40˚C.
- If you use an extension cord, ensure that the total ampere rating of the devices plugged into the extension cord does not exceed its ampere rating.

Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill water or any other liquids on your system.
- When the system is turned off, a small amount of electrical current still flows. Always unplug all power, modem, and network cables from the power outlets before cleaning the system.
- The touch screen requires periodic cleaning to achieve the best touch sensitivity. Keep the screen clean from foreign objects or excessive dust accumulation. To clean the screen:
  - Turn off the system and disconnect the power cord from the wall.
  - Spray a small amount of a household glass cleaner onto the supplied cleaning cloth and gently wipe the screen surface.
  - Do not spray the cleaner directly on the screen.
  - Do not use an abrasive cleaner or a coarse cloth when cleaning the screen.
- If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.
  - The system does not function properly even if you follow the operating instructions.
  - The system was dropped or the cabinet is damaged.
  - The system performance changes.

Sound Pressure Warning

Excessive sound pressure from earphones or headphones can cause hearing damage or loss. Adjustment of the volume control as well as the equalizer to settings other than the center position may increase the earphones or headphones output voltage and the sound pressure level.

TV Tuner (on selected models)

Note to CATV System Installer—This reminder is provided to call the CATV systems installer's attention to Section 820-93 of the National Electric Code, which provides guidelines for proper grounding and, in particular, specify that the Coaxial cable shield be connected to the grounding system of the building as close to the point of cable entry as practical.

Adapter

1. Adapter information

   Input voltage: 100–240Vac

   Input frequency: 50–60Hz

   Rating output current: 120W (19V, 6.32A)

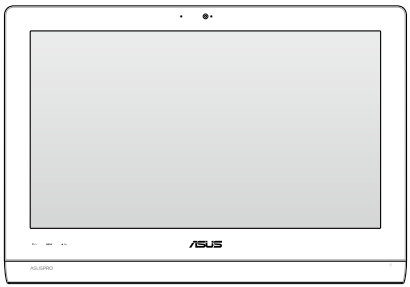
   Rating output voltage: 19Vdc

2. The socket outlet must be near to the unit and easily accessible.

DC Fan Warning

Please note that the DC fan is a moving part that may cause DANGER. Ensure to keep your body from the moving fan blades.

Package contents

<table>
<tr><td colspan="2"></td><td></td></tr>
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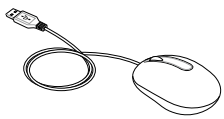
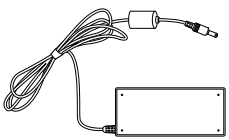
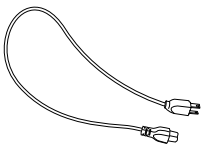
<tr><td></td><td></td><td></td></tr>
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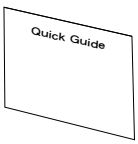
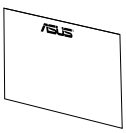
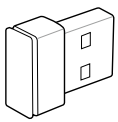
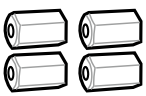
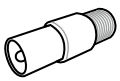
<tr><td></td><td></td><td></td></tr>
<tr><td>Quick Start Guide</td><td>Warranty Card</td><td>KBM USB receiver dongle (optional)</td></tr>
<tr><td rowspan="3"></td><td></td><td rowspan="3">NOTE: The keyboard, mouse, power supply, remote control, and KBM USB receiver dongle illustrations are for reference only. Actual product specifications may vary with territories.</td></tr>
<tr><td>Wall mount screws</td></tr>
<tr><td></td></tr>
<tr><td>Remote Control (optional)</td><td>TV tuner (optional)</td></tr>
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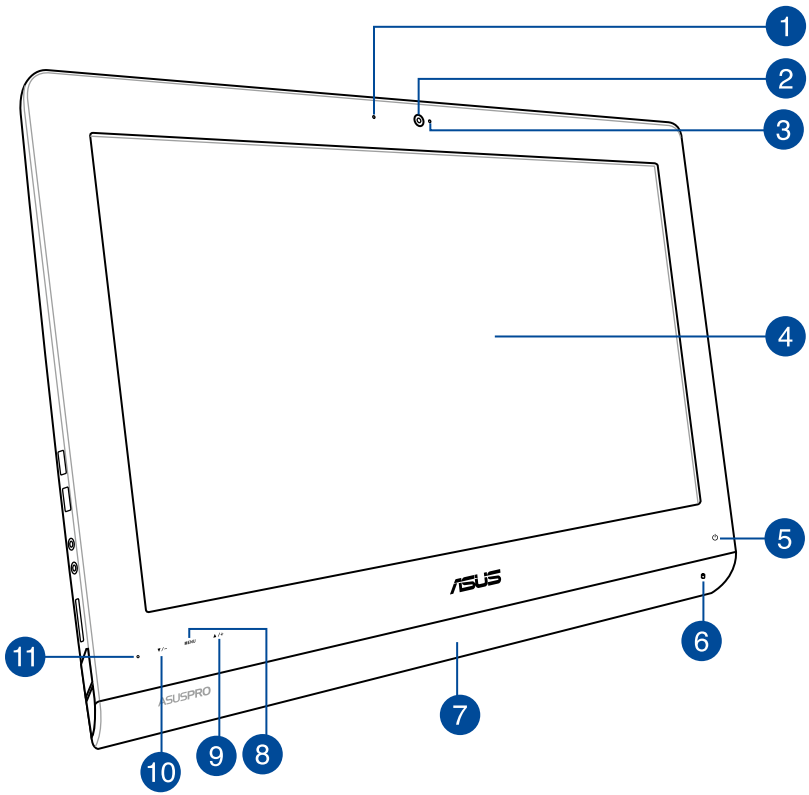
Chapter 1: Hardware Setup

Getting to know your All-in-One PC

Front view



1 Webcam LED

Indicates that the built-in webcam is enabled.

2 Webcam

The built-in webcam with the built-in digital microphone allows you to start video chats online.

3 **Digital Microphone (Built-in)**

The built-in digital microphone can be used for video conferencing, voice narrations, audio recordings, and multimedia applications.

4 **LCD display (Touch-enabled function on selected models)**

The LCD display features optimal resolution. Touch-enabled models bring digital life to your fingertips.

5 **Power LED**

Indicates that your All-in-One PC is turned on.

6 **Hard Disk Drive LED**

Indicates hard disk drive activity.

7 **Audio Speaker**

The built-in stereo speaker system allows you to hear audio without additional attachments. The multimedia sound system features an integrated digital audio controller that produces rich, vibrant sound.

8 **MENU button**

Press to display the menu. Press this button to enter/select the highlighted icon (function) when the OSD is activated.

9 **Menu up button**

Press to go up the menu.

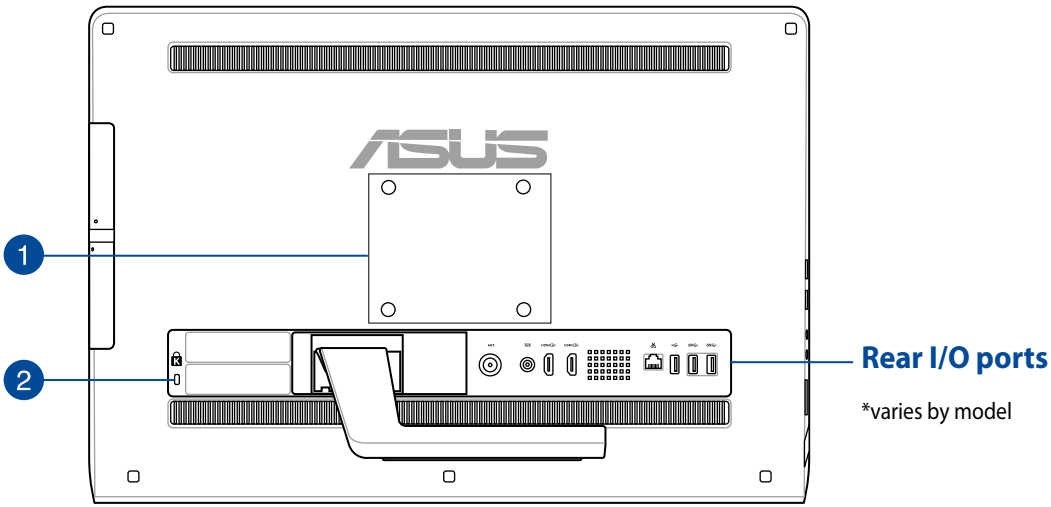
10 **Menu down button**

Press to go down the menu.

11 **Remote Control Receiver**

The remote control receiver receives the infrared signal from the remote control.

Rear view



1 Wall mount holes

Secure the four wall mount screws into these holes and mount your All-in-One PC to a wall.

NOTE: The wall mount screws are optional items and are purchased separately.

2 Kensington® security slot

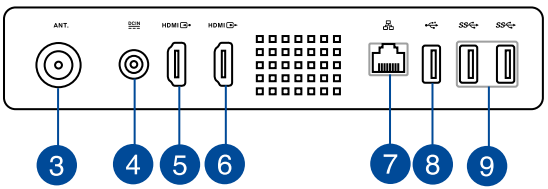
The Kensington® security slot allows you to secure your PC using Kensington® compatible PC security products.

English

Rear I/O ports

NOTE: The Rear I/O ports vary by model.

ET2221I-B85 / A6410-B85 I/O ports



3 Antenna Input (on selected models)

The antenna input is for TV frequency signal and allows for use with the digital TV antenna or input from subscription television services. The antenna can receive digital TV. Cable service connection can receive digital TV, analog TV, depending on paid services.

4 Power input

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the PC. To prevent damage to the PC, always use the supplied power adapter.

WARNING! The power adapter may get warm or hot when in use. Do not cover the adapter and keep it away from your body.

5 HDMI Input Port

HDMI (High-Definition Multimedia Interface) is an uncompressed all-digital audio/video interface between any audio/video source, such as set-top box or DVD player.

6 HDMI Output Port

Connect this port with devices equipped with HDMI input port, such as LCD monitor or projector.

7 LAN port

The eight-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

8 USB 2.0 port (with AI Charger II)

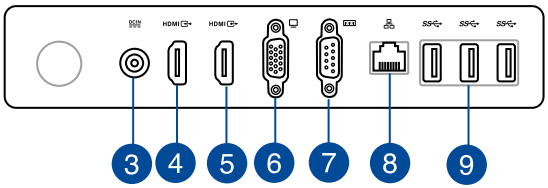
This USB (Universal Serial Bus) port is compatible with USB 2.0 or USB 1.1 devices such as keyboards, pointing devices, flash disk drives, external HDDs, speakers, cameras and printers.

For the All-in-One ET2221I / A6410 Series, this port comes with the AI Charger II function that allows you to quick-charge compatible devices. To enable the AI Charger II on your All-in-One PC ET2221I / A6410 Series, go to **Desktop > AI Suite II > AI Charger II** then select **Enable**.

9 USB 3.0 ports

These USB (Universal Serial Bus) ports provide a transfer rate of up to 5Gbit/s and are backward compatible with USB2.0.

ET2221I-Q87 / A6410-Q87 I/O ports



3 Power input

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the PC. To prevent damage to the PC, always use the supplied power adapter.

WARNING! The power adapter may get warm or hot when in use. Do not cover the adapter and keep it away from your body.

4 HDMI Input Port

HDMI (High-Definition Multimedia Interface) is an uncompressed all-digital audio/video interface between any audio/video source, such as set-top box or DVD player.

5 **HDMI Output Port**

Connect this port with devices equipped with HDMI input port, such as LCD monitor or projector.

6 **Video Graphics Adapter (VGA) Port**

VGA ports are available for connecting additional VGA monitors or displays.

7 **COM port**

This serial port connects a modem, or other devices that conform with serial specifications.

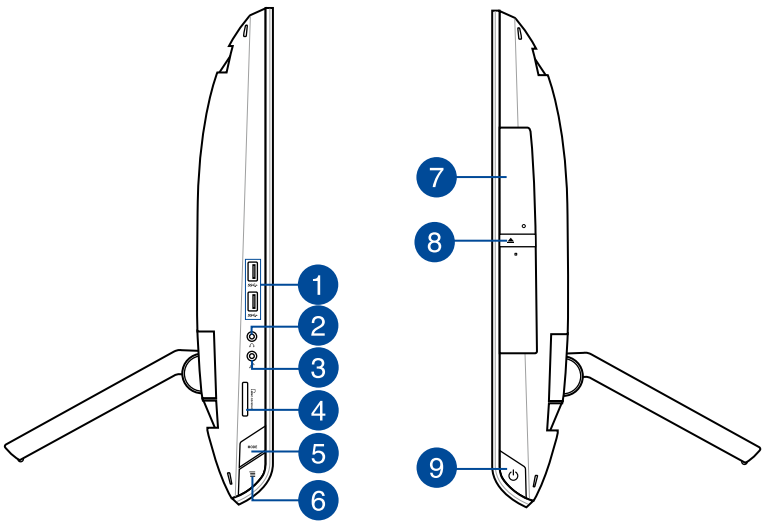
8 **LAN port**

The eight-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

9 **USB 3.0 ports**

These USB (Universal Serial Bus) ports provide a transfer rate of up to 5Gbit/s and are backward compatible with USB2.0.

Side views



1 USB 3.0 ports

These USB (Universal Serial Bus) ports provide a transfer rate of up to 5Gbit/s and are backward compatible with USB2.0.

2 Headphone jack

The stereo headphone jack (3.5mm) is used to connect the system's audio out signal to headphones. Using this jack automatically disables the built-in speakers.

3 Microphone jack

The microphone jack is designed to connect to a microphone used for video conferencing, voice narrations, or simple audio recordings.

4 Memory card reader

This All-in-One PC has a single built-in memory card reader slot that supports MMC, SD, and SDHC formats.

5 **Mode button**

Press to switch the display signal source. When switched to HDMI-in and VGA-in, the All-in-One PC can be used as a standard desktop LCD monitor.

6 **Menu lock**

Press to activate the MENU button on the front panel.

7 **Optical Drive**

The built-in optical drive may support compact discs (CD), digital video discs (DVD), and/or Blu-ray discs (BD) and may have recordable (R) or re-writable (RW) capabilities. See the marketing specifications for details on each model.

8 **Optical Drive Electronic Eject**

The optical drive eject has an electronic eject button for opening the tray. You can also eject the optical drive tray through any software player or by right clicking the optical drive in Windows "Computer" and selecting Eject.

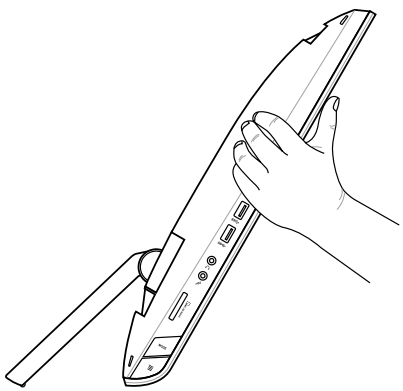
9 **Power button**

Press this button to turn on your All-in-One PC.

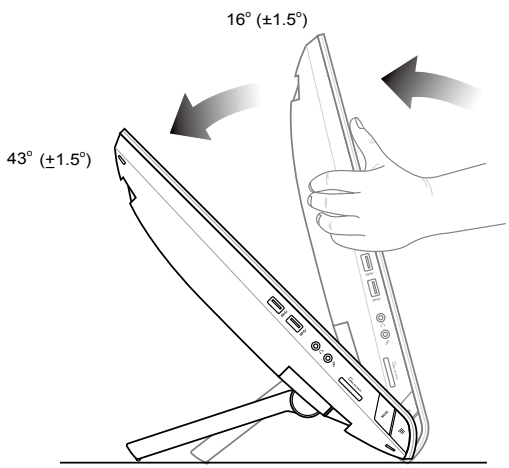
Chapter 2: Using your All-in-One PC

Positioning your All-in-One PC

1. Pull out the stand on the back of the All-in-One PC then place the device on a flat stable surface.



2. Gently push the display panel until the hinge makes a ***click*** sound. You need to push the display panel up to a 16º-43º angle to ensure that your All-in-One PC can stand in a stable position.

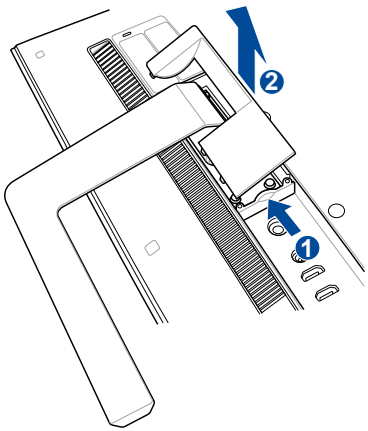


English

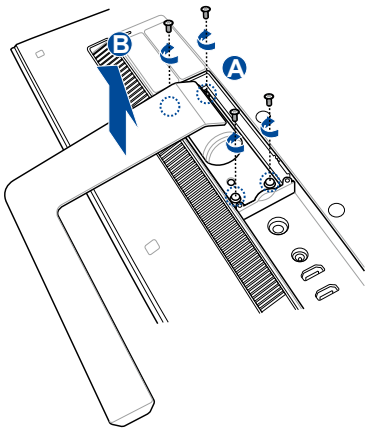
Mounting to the wall

To mount your ASUS All-in-One PC to the wall, purchase optional wall mount screws and a wall mount kit (VESA 100). Install the wall mount components according to the following instructions.

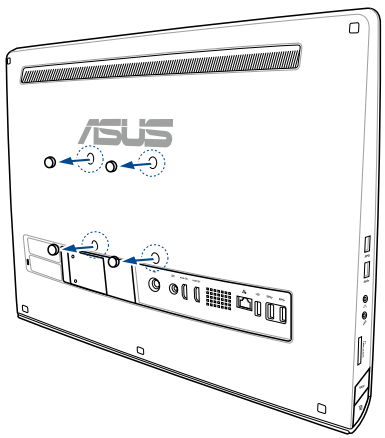
1. To release the stand, place the All-in-One PC face-down first, resting the display panel on a flat even surface.
2. Remove the back cover.



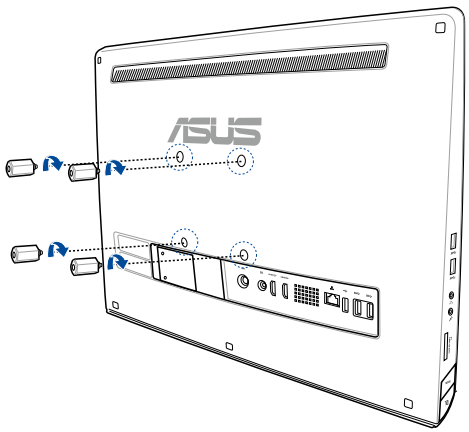
3. Remove the four screws on the stand and save for future reinstallation (A). Take out the stand and put it aside (B).
4. Replace the back cover that you removed earlier.



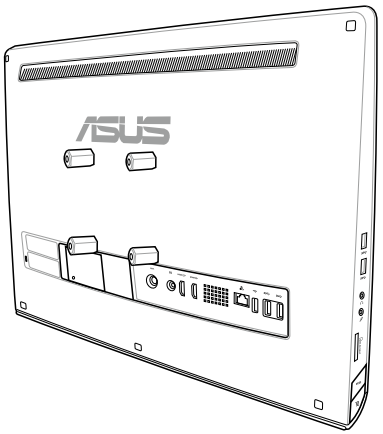
5. Remove the four plastic mylar®, from the rear panel holes.



6. Secure the four wall mount screws to the rear panel holes.



6. Mount the All-in-One PC onto a firm wall by applying a standard wall mount kit (pad and rack) to the wall mount screws. Follow the instructions described in the installation manual that came with your wall mount kit.



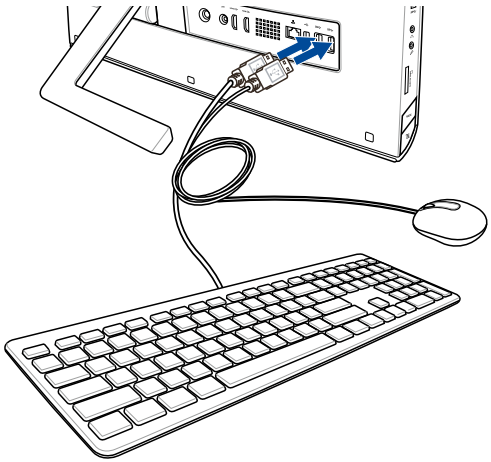
IMPORTANT!

- For machine ventilation, be sure to leave a distance of at least 6cm between the All-in-One PC and the wall.
- The wall mount kit should comply with VESA standards.
- To ensure safety, please read the wall mount kit installation manual carefully before mounting your All-in-One PC to the wall.
- At least two persons are required to install or remove the All-in-One PC onto and from the wall to avoid hazard of falling objects and breakage. Qualified personnel is recommended.
- The wall should be able to sustain four times the weight of the All-in-One PC and wall mount components combined (36kg at least). The mounting location must be able to withstand earthquake or other impacts. Cement or masonry walls recommended.

Setting up your All-in-One PC

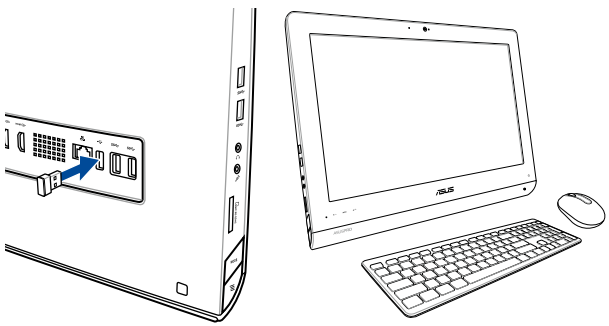
Connecting the wired keyboard and mouse

Connect the keyboard and the mouse to the USB port on the rear panel. You may also connect the keyboard and mouse to the USB port on the left side of the panel if the keyboard cable is not long enough.



Connecting the wireless keyboard and mouse

1. Install batteries to the wireless keyboard and mouse.
2. Connect the wireless dongle for keyboard and mouse to a USB port.
3. You can begin using the wireless keyboard and mouse.



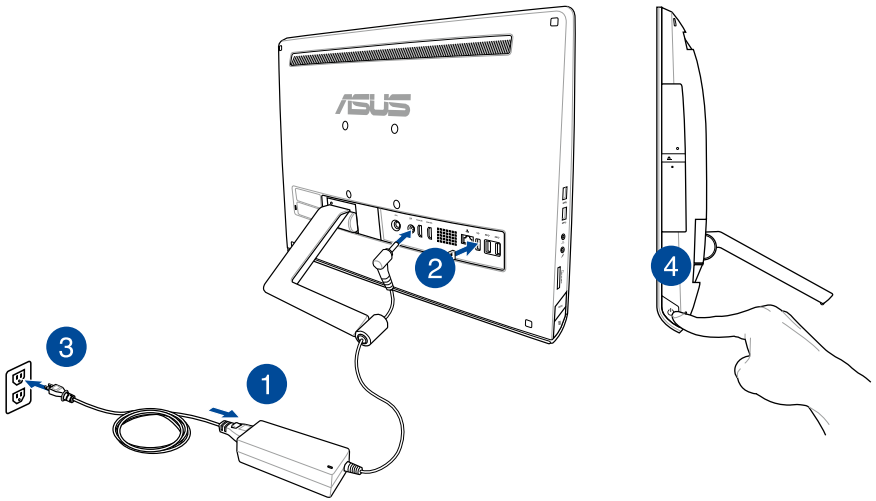
NOTES:

- Simply reconnect if the wireless keyboard and mouse lose connection. Avoid other nearby WiFi devices at least 20 cm as they may interfere with the connection.
- The illustrations above are for reference only. Actual appearances and specifications (wired or wireless) of the keyboard and mouse may vary by territory.

English

Turning your All-in-One PC on

Connect the supplied AC adapter to the DC-In jack on the rear panel (1 2 3 , wall outlet voltage 100Vac-240Vac) and then press the Power switch on the right (4) to turn on the system.



WARNING! DO NOT connect the AC power cord to an AC outlet prior to connecting the DC plug to the system. Doing so may damage the AC-DC adapter.

NOTE: For details on turning off your All-in-One PC, refer to the section *Turning off your All-in-One PC* under *Working with Windows® 8.1*.

Gestures

The gestures allow you to launch programs and access the settings of your All-in-One PC. The functions can be activated by using the hand gestures to your All-in-One PC's display panel.

Using gestures

Left edge swipe



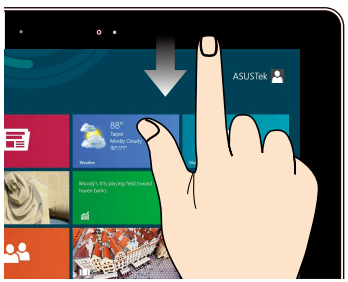
Swipe from the left edge of the screen to shuffle your running apps.

Right edge swipe



Swipe from the right edge of the screen to launch the Charms bar.

Top edge swipe



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

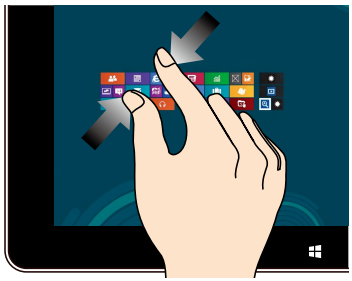
Finger slide



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

English

Zoom out



Bring together your two fingers on the touch panel.

Zoom in



Spread apart your two fingers on the touch panel.

Tap and hold



- To move an app, tap and hold the app tile and drag it to a new location.
- To close an app, tap and hold the top side of the running app and drag it down to the bottom of the screen to close it

Tap/Double tap



- Tap an app to launch it.
- On Desktop mode, double-tap an item to launch it.

Using the On Screen Display (OSD) Menu

The On Screen Display (OSD) menu appears if you do the following:

- Activate the OSD via pressing the Menu lock button at the left side of your All-in-One PC, then press the Menu button at the front panel.

OSD function instruction

To display the OSD menu, press the MENU button on the front panel. To navigate through the OSD functions or modify OSD settings, press the Menu up or Menu down keys. To activate the selected function, press the MENU button.

Panel Off

This function allows you to turn off the display panel of the All-in-One PC on. Press the MENU button to activate this function.

Color

- **Brightness:** The adjusting range is from 0 to 100.
- **Contrast:** The adjusting range is from 0 to 100.
- **Color Temp.:** Contains four color modes including Cool, Normal, Warm, and User mode.

Image

- **Sharpness:** The adjusting range is from 0 to 100.
- **Aspect Control:** Adjusts the aspect ratio to "Full" or "OverScan". This function is configurable only when you use the All-in-One PC as a standard desktop LCD monitor.
- **Auto Adjust:** Adjusts the horizontal position (H-Position) and the vertical position (V-Position) of the image. This function is configurable only when you use the All-in-One PC as a standard desktop LCD monitor and set the Display-input port as the input source.

Input Select

- **PC:** Sets the All-in-One PC as the display signal source.

System Setup

- **OSD Setup:**
  - Adjusts the horizontal position (H-Position) / vertical position (V-Position) of the OSD menu.
  - Adjusts the OSD timeout from 10 to 120 seconds.
  - Enables or disables the DDC/CI (Display Data Channel/Command Interface) function.
- **Information:** Shows the monitor information.
- **Language:** Allows you to set the OSD language.
- **All Reset:** Allows you to reset all OSD settings.

Input signal selection

An **Input Select** OSD menu appears when you connect the HDMI or VGA cable to the rear HDMI-input or Display-input port. Use the Menu up or Menu down keys to navigate through the input options and press the **MENU** button to activate the option. Refer to **Input Select** in the previous section for details.

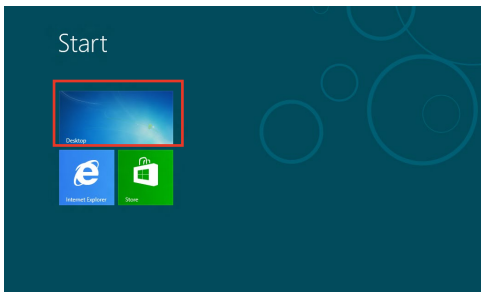
Configuring the audio output via an HDMI device (on selected models only)

If you want to use a high-definition TV as an audio output device, connect it to the Home Theater PC and follow the steps below to configure the audio settings.

To configure the audio output via an HDMI device:

1. From the Start screen, click **Desktop** to launch the Desktop Mode.

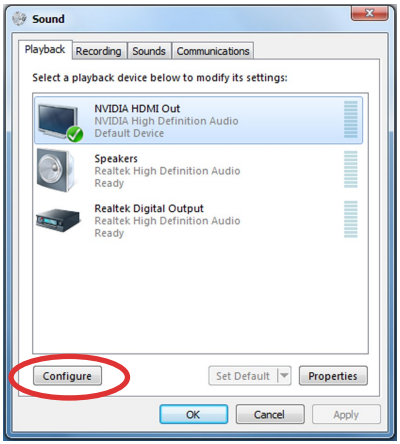
NOTE: For more details, refer to the section *Start screen* under *Working with Windows® 8.1*.



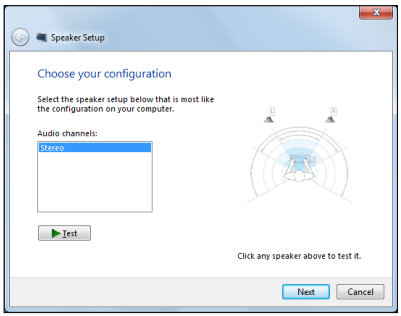
2. Right-click the Volume Mixer icon on the Windows® taskbar and click **Playback devices**.



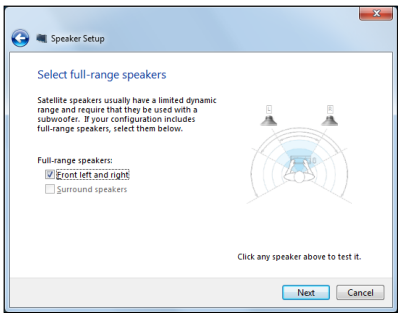
3. From the Playback screen, select **Digital Audio (HDMI)**.
4. Click **Configure** and the Speaker Setup window pops up.



5. Select **Stereo** and click **Next**.



6. Tick the **Front left and right** option, and click **Next**.
7. Click **Finish** to exit the speaker setup.



Chapter 3: Working with Windows® 8.1

NOTE: The operating system varies with country or region.

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 ASUS All-in-One PC for the first time:

1. Press the power button on your ASUS All-in-One 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 ASUS All-in-One 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 ASUS All-in-One PC is kept powered on during the setup process.
6. Once the setup process is complete, the Start screen appears.

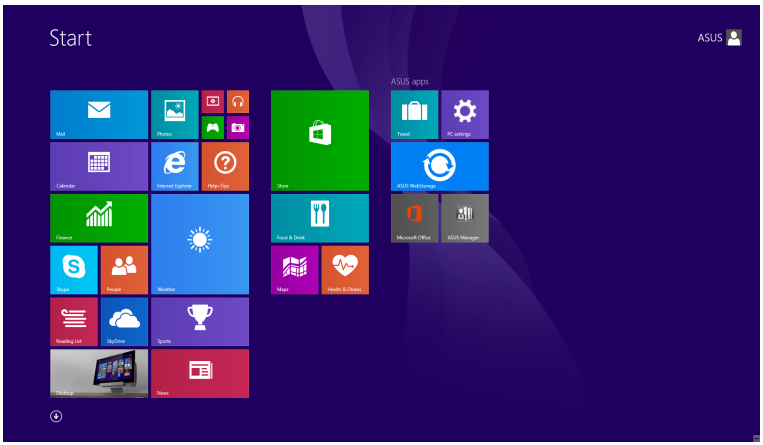
English

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 ASUS All-in-One 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

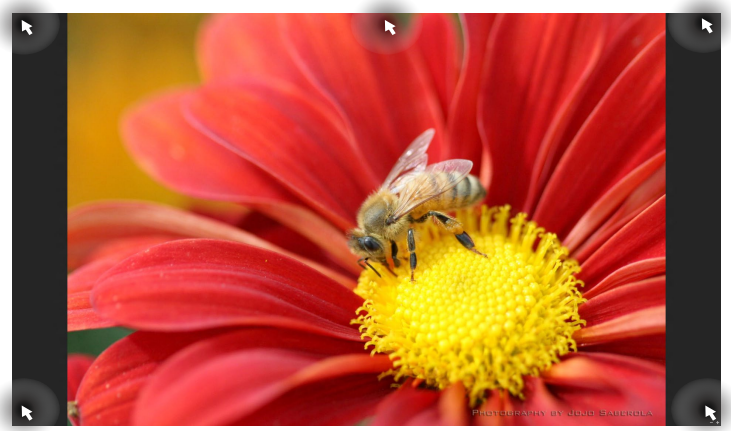
These are apps pinned on the Start screen and displayed on tiled-format for easy access.

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

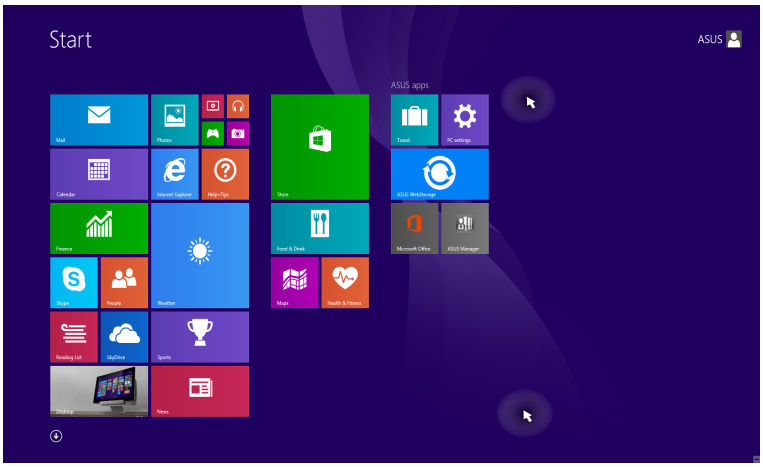
Hotspots

Onscreen hotspots allow you to launch programs and access the settings of your ASUS All-in-One PC. The functions in these hotspots can be activated using your mouse.

Hotspots on a running app



Hotspots on the Start screen



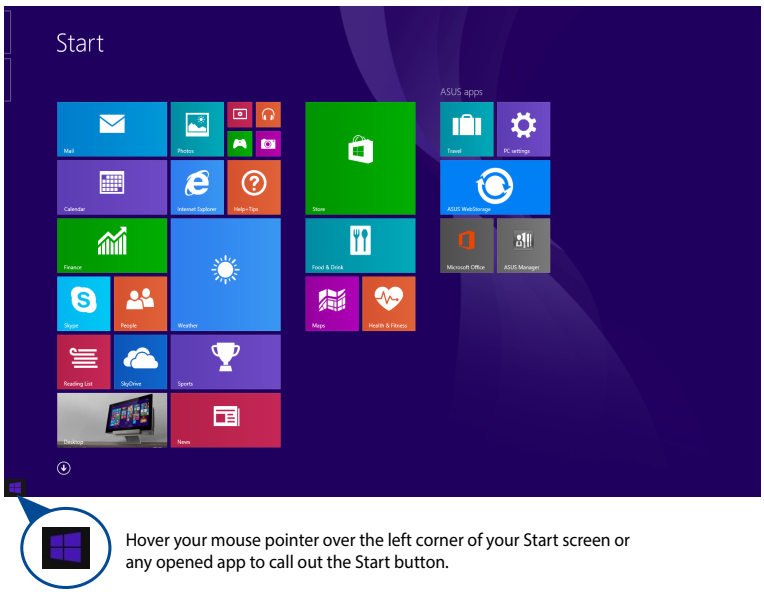
Hotspot	Action
upper left corner	Hover your mouse pointer on the upper left corner then tap/click on the recent app's thumbnail to revert back to that running app.
	If you launched more than one app, slide down to show all running apps.
lower left corner	From a running app screen: Hover your mouse pointer 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.
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 section 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 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.

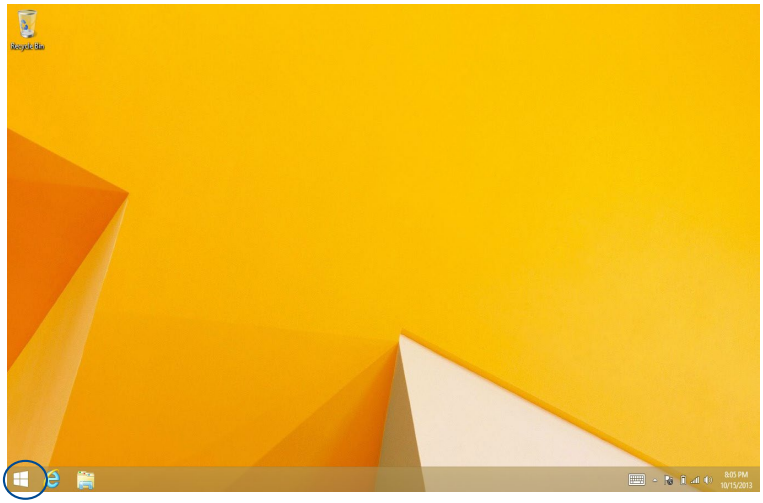
Start button on the Start screen

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.

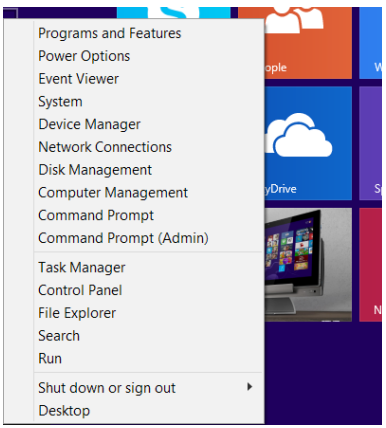
Start button on Desktop mode



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 ASUS All-in-One PC: sign out, sleep, shut down, restart.

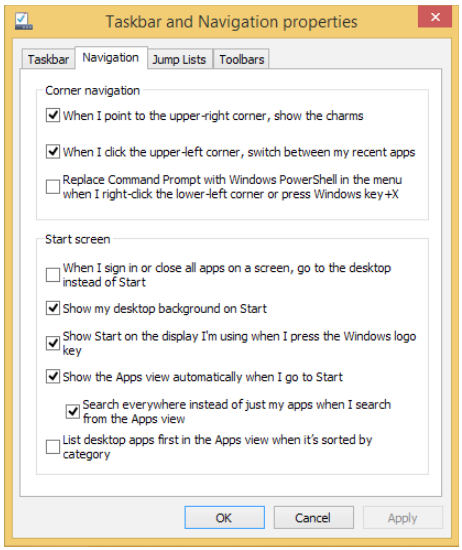


Customizing your Start screen

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.

English

Working with Windows® apps

Use your ASUS All-in-One PC's touch screen panel or optional keyboard and mouse to launch, customize, and close apps.

Launching apps



Tap an app to launch it.



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



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

Customizing apps

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

Moving apps



Tap and hold the app tile then drag it to a new location.



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

Resizing apps



Tap and hold the app to activate the Customize bar then tap Resize and select an app tile size.



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

Unpinning apps

Tap and hold the app to activate the Customize bar, then tap 

to unpin an app.

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

.

Closing apps

Tap and hold the top side of the running app then drag it down to the bottom of the screen to close it.

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.

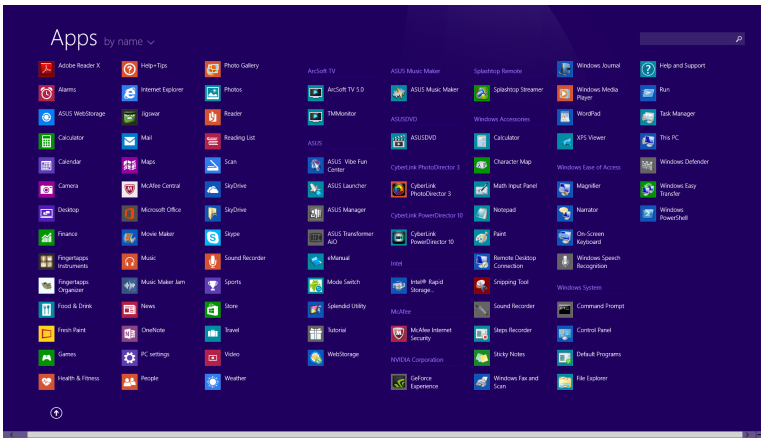
From the running app's screen, press alt + f4.

English

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 the following options:

Swipe up on the Start screen.

On the Start screen, click the button.

From the Start screen, Press tab then press enter.

Pinning more apps on the Start screen

You can pin more apps on the Start screen using the following options:



1. Launch the All Apps screen.
2. Tap and hold an app you want to add on the start to activate the Customize bar. Once the Customize bar is launched, you may also tap other more apps to add on the Start screen.
3. Tap 

to pin the selected apps on the Start screen.



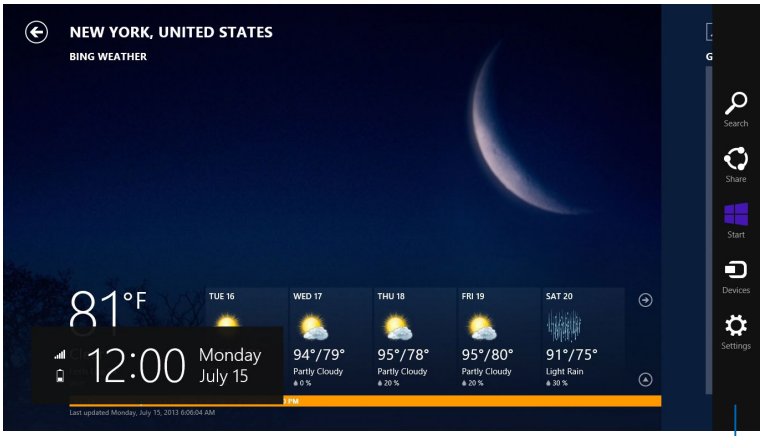
1. Launch the All Apps screen
2. Right-click on the apps that you want to add on the Start screen.
3. Click on the 

icon to pin the selected apps on the Start screen.

English

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 ASUS All-in-One PC.



Charms bar

Inside the Charm bar



Search

This charm allows you to look for files, applications, or programs in your ASUS All-in-One 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 ASUS All-in-One PC such as an external display or printer.



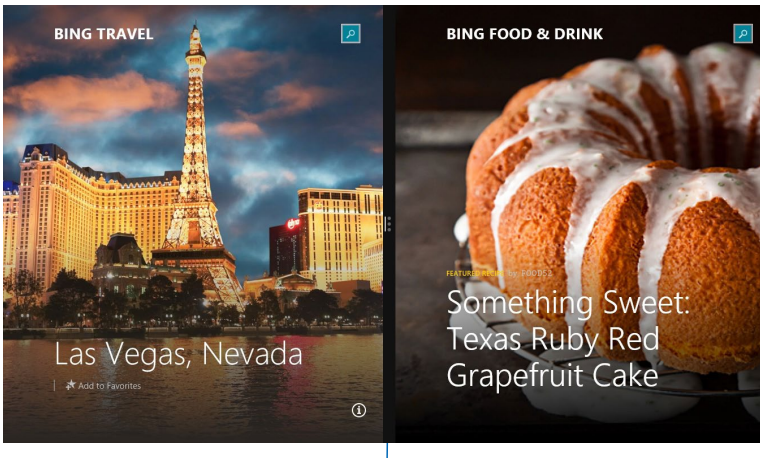
Settings

This charm allows you to access the PC settings of your ASUS All-in-One PC.

English

Snap feature

The Snap feature displays two apps side-by-side, allowing you to work or switch between apps.



Using Snap

Activate and use Snap through any of the following options:



1. Launch the app you wish to snap.
2. Tap and hold the app's topmost part then drag it to the left or right side of the screen until the snap bar appears.
3. Launch another app.



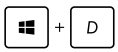
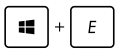
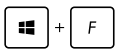
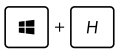
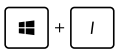
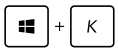
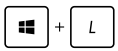
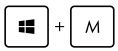
1. Launch the app you wish to snap.
2. Hover the mouse point on the top side of your screen.
3. Once the pointer changes to a hand icon, drag then drop the app to the left or right side of the display panel.
4. Launch another app.

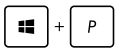
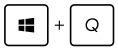
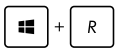
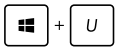
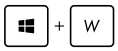
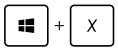
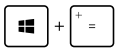
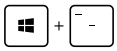
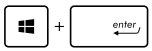


1. Launch the app you wish to snap.
2. Press  and the left or right arrow key to snap the app to the left or right pane.
3. Launch another app. This app is automatically placed in the empty pane.

Other keyboard shortcuts

Using the keyboard, you can also use the following shortcuts to help you launch applications and navigate Windows® 8.1.

	Switches between the Start screen and the last running app
	Launches the desktop
	Launches the **This ASUS All-in-One PC** window on Desktop mode
	Opens the **File** option from the **Search** charm
	Opens the **Share** charm
	Opens the **Settings** charm
	Opens the **Devices** charm
	Activates the Lock screen
	Minimizes all currently active windows

	Launches the **Project** pane
	Opens the **Everywhere** option from the **Search** charm
	Opens the **Run** window
	Opens **Ease of Access Center**
	Opens the **Settings** option under the **Search** charm
	Opens the context menu of the Start button
	Launches the magnifier icon and zooms in your screen
	Zooms out your screen
	Opens the **Narrator Settings**

English

Setting up a secondary display via the HDMI-output port

If you want to use a high-definition TV as an audio output device, follow the steps below to configure the audio settings.

To configure the audio output via an HDMI device:

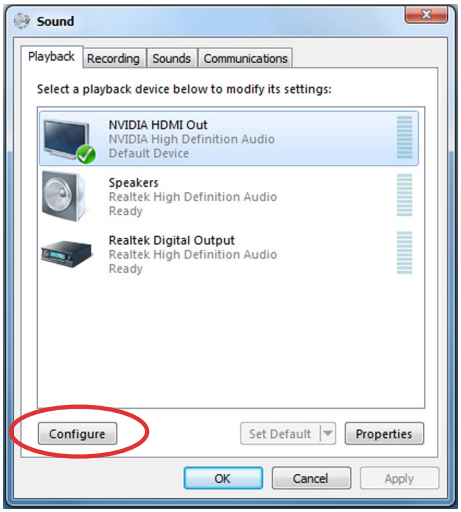
1. From the Start screen, launch the Desktop Mode.

   NOTE: For more details, refer to the section *Start screen* under *Using Windows® 8.1*.

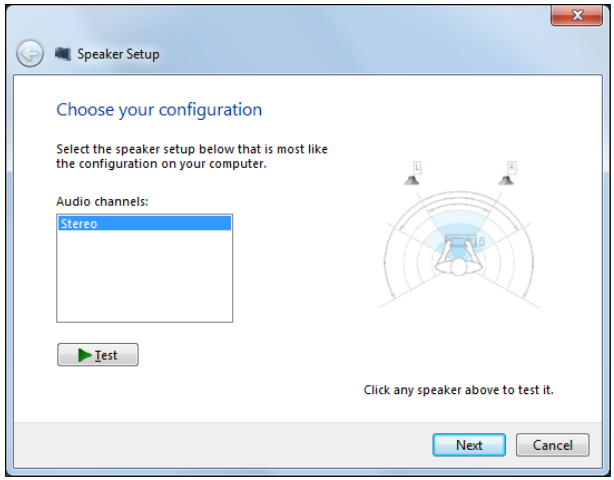
2. Right-click the Volume Mixer icon on the Windows® taskbar and click **Playback devices**.



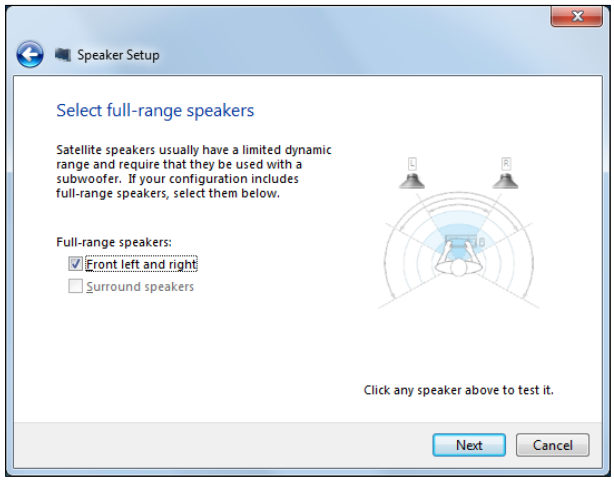
3. From the Playback screen, select **Digital Audio (HDMI)**.
4. Click **Configure** and the Speaker Setup window pops up.



5. Select **Stereo** and click **Next**.



6. Tick the **Front left and right** option then click **Next**.
7. Click **Finish** to exit the speaker setup.



Connecting to the Internet

Access emails, surf the Internet, and share applications via social networking sites on or from your ASUS All-in-One PC using wireless/Wi-Fi or wired connection.

Setting up a Wi-Fi connection in Windows® 8.1

1. Launch the Charm bar from the Start screen or from any application mode.

   NOTE: For details, refer to the **Charm bar** section under **Working with Windows® apps**.

2. From the Charm bar, select **Settings** and click the network icon 

.
3. Select the wireless network that you want to connect to from the list.
4. Click **Connect**.

   NOTE: You may be prompted to enter a security key to connect to a secured wireless network.

Configuring your Wi-Fi bandwidth

1. Launch the Desktop mode then right-click  on the taskbar.
2. Select **Open Network and Sharing Center.**
3. In the Network and Sharing Center window, select the Wi-Fi status beside **Connections.**
4. In the Wi-Fi status window, select **Properties > Configure** to launch your current network adapter's properties.
5. In the your current network adapter properties window, select the **Advanced** tab.
6. In the Advanced tab, select **Bandwidth Capability** under the **Property** option then select your preferred bandwidth setting by clicking on the drop-down box below **Value.**
7. Click **OK** to save and exit.

Wired connection

1. Use a network (RJ-45) cable to connect your ASUS All-in-One PC to a DSL/cable modem or a local area network (LAN).
2. Turn on your computer.
3. Configure the necessary Internet connection settings.

NOTES:

- For more details, refer to the sections **Configuring a dynamic IP/PPPoE network connection** or **Configuring a static IP network connection**.
- Contact your Internet Service Provider (ISP) for details or assistance in setting up your Internet connection.

Configuring a dynamic IP/PPPoE network connection

To configure a dynamic IP/PPPoE or static IP network connection:

1. From the Start screen, click **Desktop** to launch the Desktop mode.
2. From the Windows® taskbar, right-click the network icon 

and click **Open Network and Sharing Center**.
3. From the Open Network and Sharing Center screen, click **Change Adapter settings**.
4. Right-click on your LAN and select **Properties**.
5. Click **Internet Protocol Version 4(TCP/IPv4)** and click **Properties**.
6. Click **Obtain an IP address automatically** and click **OK**.

NOTE: Continue to the next steps if you are using PPPoE connection.

7. Return to the **Network and Sharing Center** and then click Set up a new connection or network.
8. Select **Connect to the Internet** and click **Next**.
9. Select **Broadband (PPPoE)** and click **Next**.
10. Enter your **Username**, **Password**, and **Connection name**. Click **Connect**.
11. Click **Close** to finish the configuration.
12. Click the network icon in the taskbar and click the connection you just created.
13. Enter your user name and password. Click **Connect** to connect to the Internet.

Configuring a static IP network connection

To configure a static IP network connection:

1. Repeat steps 1 to 4 of the previous section **Configuring a dynamic IP/PPPoE network connection**.
2 Click **Use the following IP address**.
3. Enter the IP address, Subnet mask and Gateway from your service provider.
4. If needed, enter the preferred DNS Server address and alternative address.
5. When done, click **OK**.

Setting up a Bluetooth Wireless Connection

Bluetooth technology eliminates the need for cables for connecting to Bluetooth-enabled devices. Examples of Bluetooth-enabled devices include ASUS All-in-One PCs, Desktop PCs, and mobile phones.

NOTE: If your ASUS All-in-One PC do not come with a built-in Bluetooth, you need to connect a USB Bluetooth module in order to use Bluetooth.

To add a Bluetooth device in Windows® 8.1:

1. Double-click the Wireless Console icon in the Windows notification area and select the Bluetooth icon. You can also press <**FN**>+<**F2**> until the wireless LAN and Bluetooth are enabled.
2. Click the Bluetooth logo on the System Tray and select **Add a Device** from the context menu.
3. In the PC settings window, click **Add a device** to look for an available Bluetooth devices.
4. Select a Bluetooth device from the list.
5. From the Bluetooth passcode, select **Yes** to confirm and pair the ASUS All-in-One PC with the Bluetooth device.

Turning your ASUS All-in-One PC off

Do either of the following to shut down your ASUS All-in-One PC:

- Tap/click from the Charms bar then tap/click 

> **Shut down** to do a normal shutdown.
- If your ASUS All-in-One PC is unresponsive, press and hold the power button for at least four (4) seconds until your ASUS All-in-One PC turns off.

Putting your ASUS All-in-One PC on sleep mode

Activate sleep mode on your ASUS All-in-One PC or ASUS Portable AiO using either of the following procedures:

- Press the power button once.
- Launch the Desktop mode then press <Alt> + <F4> to launch the Shut Down window. Select **Sleep** from the drop-down list then select **OK.**

Chapter 4: Recovering your system

Entering the BIOS Setup

BIOS (Basic Input and Output System) stores system hardware settings that are needed for system startup in the PC.

In normal circumstances, the default BIOS settings apply to most conditions to ensure optimal performance. Do not change the default BIOS settings except in the following circumstances:

- An error message appears on the screen during the system bootup and requests you to run the BIOS Setup.
- You have installed a new system component that requires further BIOS settings or update.

WARNING! Inappropriate BIOS settings may result to instability or boot failure. We strongly recommend that you change the BIOS settings only with the help of a trained service personnel.

Quickly enter the BIOS

Windows® 8.1 boot time is quite fast, so we developed these three ways for you to quickly access the BIOS:

- When your All-in-One PC is off, press the power button for at least four (4) seconds to access the BIOS directly.
- Press the power button for at least four (4) seconds to shut down your All-in-One PC, then press the power button again to turn your All-in-One PC back on, and press <F2> during POST.
- When your All-in-One PC is off, disconnect the power cord from your All-in-One PC's power connector. Reconnect the power cord and press the power button to turn on your All-in-One PC. Press <F2> during POST.

NOTE: POST (Power-On Self Test) is a series of software controlled diagnostic tests that run when you turn on your PC.

Resetting your All-in-One PC

The **Reset your PC** option restores your PC to its factory default settings.

IMPORTANT! Back up all your data before using this option.

To reset your All-in-One PC:

1. If your All-in-One PC is off, press the power button to turn on your All-in-One PC.

   If your All-in-One PC is already on, launch the Windows® 8.1 Charms bar then go to **Settings** > **Change PC settings** > **General**. From the **General** pane, scroll down to **Advanced startup** and tap or tap or click **Restart now**.

2. Press <**F9**> during bootup.
3. From the screen, tap or click **Troubleshoot**.
4. Select **Reset your PC**.
5. Tap or click **Next**.
6. Select **Only the drive where the Windows is installed**.
7. Select **Just remove my files**.
8. Tap or click **Reset**.

Recovering from a system image file

You can create a USB recovery drive and use this to recover your PC's settings.

Creating a USB recovery drive

WARNING! All files on your USB storage device will be permanently deleted during the process. Before you proceed, ensure that you back up all your important data.

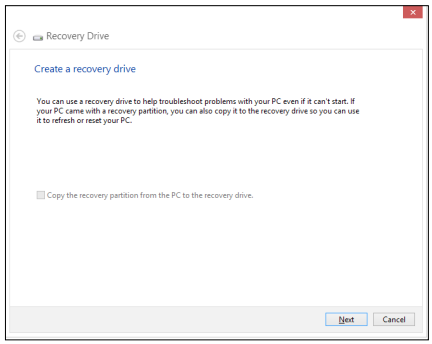
To create a USB recovery drive:

1. Launch the Control Panel from the All Apps screen.

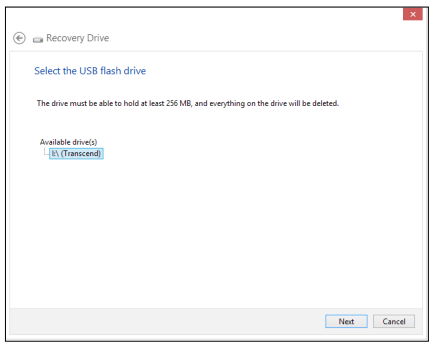
   NOTE: For details, refer to *Launching the All Apps screen* under *Working with Windows® apps*.

2. From the Control Panel's System and Security, click **Find and fix problems**.
3. Tap or click **Recovery** > **Create a recovery drive**.
4. Tap or click **Next**.

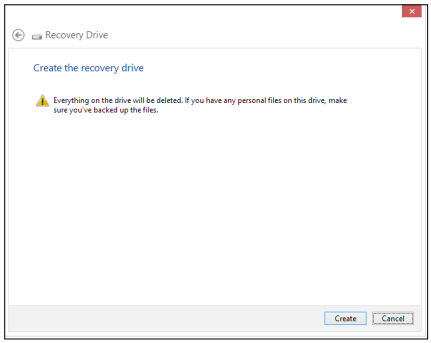
   NOTE: If the check box is not ticked, no device drivers and apps will be installed in the recovery device.



5. Select the USB storage device where you want to copy the recovery files.
6. Click **Next**.



7. Click **Create**. Wait for a while for the process to complete.
8. When the process is completed, click **Finish**.



Removing everything and reinstalling Windows

Restoring your PC to its original factory settings can be done using the Remove everything and reinstall option in PC Settings. Refer to the steps below to use this option.

IMPORTANT! Back up all your data before using this option.

NOTE: This process may take a while to complete.

1. Launch the Charms bar.
2. Click **Settings** > **Change PC Settings** > **General**.
3. Scroll down to view the Remove everything and reinstall Windows option. Under this option, click **Get Started**.
4. Follow the onscreen instructions to complete the reinstallation and reset process.

Appendices

Notices

REACH

Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework, we publish the chemical substances in our products at ASUS REACH website at **http://csr.asus.com/english/REACH.htm**

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to **http://csr.asus.com/english/Takeback.htm** for the detailed recycling information in different regions.

COATING NOTICE

IMPORTANT! To provide electrical insulation and maintain electrical safety, a coating is applied to insulate the device except on the areas where the I/O ports are located.

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- 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 generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment to 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.

IMPORTANT! Outdoor operations in the 5.15~5.25 GHz band is prohibited. This device has no Ad-hoc capability for 5250~5350 and 5470~5725 MHz.

CAUTION: Any changes or modifications not expressly approved by the guarantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This class B digital apparatus complies with Canadian ICES-003.

IC Radiation Exposure Statement for Canada

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Operation is subject to the following two conditions:

- This device may not cause interference and
- This device must accept any interference, including interference that may cause undesired operation of the device.

Canada, Industry Canada (IC) Notices

This Class B digital aparatus complies with Canadian ICES-003 and RSS-210.

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

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.

Son fonctionnement est soumis aux deux conditions suivantes: 1) cet appareil ne doit pas causer d'interférence et 2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Declaration of Conformity (R&TTE directive 1999/5/EC)

The following items were completed and are considered relevant and sufficient:

- Essential requirements as in [Article 3]
- Protection requirements for health and safety as in [Article 3.1a]
- Testing for electric safety according to [EN 60950]
- Protection requirements for electromagnetic compatibility in [Article 3.1b]
- Testing for electromagnetic compatibility in [EN 301 489-1] & [EN 301 489-17]
- Effective use of the radio spectrum as in [Article 3.2]
- Radio test suites according to [EN 300 328-2]

CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

CE

CE marking for devices without wireless LAN/Bluetooth

The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC "Electromagnetic compatibility" and 2006/95/EC "Low voltage directive".

CE / CE

English

CE marking for devices with wireless LAN/ Bluetooth

This equipment complies with the requirements of Directive 1999/5/EC of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of conformity.

is for class II device.

Wireless Operation Channel for Different Domains

N. America	2.412-2.462 GHz	Ch01 through CH11
Japan	2.412-2.484 GHz	Ch01 through Ch14
Europe ETSI	2.412-2.472 GHz	Ch01 through Ch13

NO DISASSEMBLY

The warranty does not apply to the products that have been disassembled by users

Lithium-Ion Battery Warning

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

No Exposure to Liquids

DO NOT expose to or use near liquids, rain, or moisture. This product is not waterproof or oil-proof.



This 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.

Global Environmental Regulation Compliance and Declaration

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements.

Please refer to http://csr.asus.com/english/Compliance.htm for information disclosure based on regulation requirements ASUS is complied with:

Japan JIS-C-0950 Material Declarations

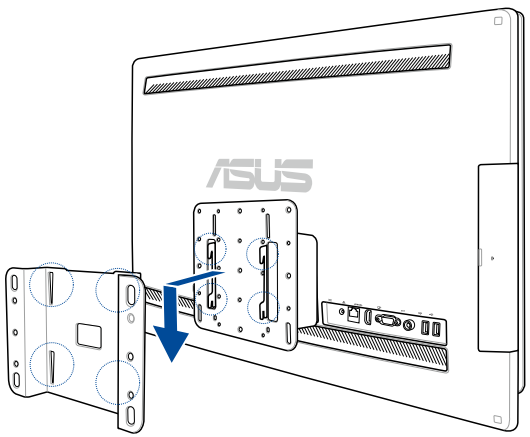
EU REACH SVHC

Korea RoHS

Swiss Energy Laws

UL Safety Precaution

To meet safety requirements, the All-in-One PC must be mounted to a bracket which guarantees the necessary stability considering the weight of the All-in-One PC. The All-in-One PC shall only be mounted and used with UL listed mounting adapters and brackets (e.g. VESA).



ENERGY STAR complied product

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

All ASUS products with the ENERGY STAR logo comply with the ENERGY STAR standard, and the power management feature is enabled by default. The monitor and computer are automatically set to sleep after 10 and 30 minutes of user inactivity. To wake your computer, click the mouse or press any key on the keyboard.

Please visit http://www.energy.gov/powermanagement for detail information on power management and its benefits to the environment. In addition, please visit http://www.energystar.gov for detail information on the ENERGY STAR joint program.

NOTE: ENERGY STAR is NOT supported on Freedos and Linux-based products.

Manufacturer	ASUSTeK Computer Inc.	
	Tel:	+886-2-2894-3447
	Address:	4F, No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN
Authorised representative in Europe	ASUSTeK Computer GmbH	
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