



# Asus V221 Series - All-in-One PC Manual

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## Conventions used in this manual

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

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

## Icons

The icons below indicate the devices you can use for completing a series of tasks or procedures on your ASUS All-in-One PC.

	= (optional) Use the wired/wireless mouse.
	= (optional) Use the wired/wireless keyboard.

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](http://www.asus.com) for the latest information.

## Package contents

### NOTE:

- If any of the items are damaged or missing, contact your retailer.
- The keyboard, mouse, and power supply illustrations are for reference only. Actual product specifications may vary with territories.

## Hardware Setup

### Getting to know your ASUS All-in-One PC

#### Front view

##### 1. Camera

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

##### 2. Camera indicator

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

use.

### 3. Microphone

This built-in microphone can be used for video conferencing, voice narration, audio recording, and multimedia applications.

### 4. LCD display panel

The LCD display panel provides excellent viewing features for photos, videos, and other multimedia files.

### 5. Drive activity indicator

This indicator lights up when your ASUS All-in-One PC is accessing the internal storage drives.

### 6. Power indicator

This LED power indicator lights up when the ASUS All-in-One PC is turned on.

## Rear view

### 1. Power button

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

### 2. Memory card reader

This ASUS All-in-One PC has a built-in memory card reader slot that supports SD, SDHC, and SDXC cards.

### 3. USB 3.1 Gen1 port

This USB 3.1 Gen1 (Universal Serial Bus) port provides a transfer rate of up to 5 Gbit/s and is backward compatible to USB 2.0.

### 4. HDMI output port

This port allows you to connect your ASUS All-in-One PC to

another HDMI-compatible device for file sharing or extending your display monitor.

#### 5. LAN port

This 8-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

#### 6. Power input

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

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

### Side view

#### 1. USB 2.0 port

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

#### 2. Headphone/Headset/Microphone jack

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



## Using your ASUS All-in-One PC

### Positioning your ASUS All-in-One PC

1. Place your ASUS All-in-One PC on a flat surface such as a table or desk.
2. Tilt the display to an angle between  $-5^{\circ}$  to  $25^{\circ}$ .

- Use both hands when setting up your ASUS All-in-One PC.
- Avoid adjusting the display to an angle beyond the recommended values or you may risk damaging the ASUS All-in-One PC.

### Setting up your ASUS All-in-One PC

#### Connecting the wireless keyboard and mouse

1. Install batteries into the wireless keyboard and mouse.
2. Connect the wireless dongle for keyboard and mouse to a USB port to automatically pair both devices to your ASUS All-in-One PC.
3. You can begin using the wireless keyboard and mouse.

**NOTE:** Reconnect the wireless keyboard and mouse with the

wireless dongle if they lose connection. Avoid using either devices alongside other wireless devices. Position the mouse and keyboard at least 20 cm away from other wireless hardware to avoid interference.

## Connecting a wired keyboard and mouse

Connect the keyboard and the mouse to the USB ports on the rear panel.

NOTE: The illustrations above are for reference only. Actual hardware and specifications of the optional wired or wireless keyboard and mouse may vary.

## Powering on the system

- A. Connect the AC power cord to the AC/DC adapter.
- B. Connect the DC power connector into your ASUS All-in-One PC's power (DC) input.
- C. Plug the AC power adapter into a 100V~240V power source.
- D. Press the power button.

NOTE: For details on turning off your ASUS All-in-One PC, refer to the section *Turning your ASUS All-in-One PC off* in *Working with Windows® 10*.

# Working with Windows® 10

## Starting for the first time

When you start your ASUS All-in-One PC for the first time, a series of screens appear to guide you in configuring your Windows® 10 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® 10 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 Desktop appears.

NOTE: The screenshots in this chapter are for reference only.

## Start menu

The Start menu is the main gateway to your ASUS All-in-One PC's programs, Windows® apps, folders, and settings.

You can use the Start menu to do these common activities:

- Start programs or Windows® apps
- Open commonly used programs or Windows® apps
- Adjust ASUS All-in-One PC settings
- Get help with the Windows operating system
- Turn off your ASUS All-in-One PC
- Log off from Windows or switch to a different user account

## Launching the Start menu

Position your mouse pointer over the Start button in the lower-left corner of your desktop then click it.

Press the Windows logo key on your keyboard.

## Opening programs from the Start menu

One of the most common uses of the Start menu is opening programs installed on your ASUS All-in-One PC.

Position your mouse pointer over the program then click to launch it.

Use the arrow keys to browse through the programs. Press **Enter** to launch it.

**NOTE:** Select All apps at the bottom of the left pane to display a full list of programs and folders on your ASUS All-in-One PC in alphabetical order.

## Windows® apps

These are apps pinned on the right pane of the Start menu and displayed in tiled-format for easy access.

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

## Working with Windows® apps

Use your ASUS All-in-One PC's touchpad or keyboard to launch, customize, and close apps.

## Launching Windows® apps from the Start menu

Position your mouse pointer over the app then click to launch it.

Use the arrow keys to browse through the apps. Press **Enter** to launch an app.

## Customizing Windows® apps

You can move, resize, unpin, or pin apps to the taskbar from the Start menu using the following steps:

### Moving apps

Position your mouse pointer over the app, then drag and drop the app to a new location.

### Resizing apps

Position your mouse pointer over the app and rightclick it, then click **Resize** and select an app tile size.

Use the arrow keys to navigate to the app. Press **Enter**, then select **Resize** and select an app tile size.

### Unpinning apps

Position your mouse pointer over the app and rightclick it, then click **Unpin from Start**.

Use the arrow keys to navigate to the app. Press `Esc`, then select Unpin from Start.

## Pinning apps to the taskbar

Position your mouse pointer over the app and rightclick it, then click Pin to taskbar.

Use the arrow keys to navigate to the app. Press `Esc`, then select Pin to taskbar.

## Pinning more apps to the Start menu

From All apps, position your mouse pointer over the app you want to add to the Start menu and right-click it, then click Pin to Start.

From All apps, press `Esc` on the app that you want to add to the Start menu, then select Pin to Start.

## Task view

Quickly switch between opened apps and programs using the task view feature, you can also use task view to switch between desktops.

## Launching task view

Position your mouse pointer over the  icon on the taskbar and

click it.

Press `⌘ + F4` on your keyboard.

## Snap feature

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

### Snap hotspots

You can drag and drop apps to these hotspots to snap them into place.

### Using Snap

1. Launch the app you wish to snap.
2. Drag the title bar of your app and drop the app to the edge of the screen to snap.
3. Launch another app and repeat the above steps to snap another app.

1. Launch the app you wish to snap.
2. Press and hold the `⌘` key, then use the arrow keys to snap the app.





3. Launch another app and repeat the above steps to snap another app.

## Action Center

Action Center consolidates notifications from apps and presents a single place where you can interact with them. It also has a really useful Quick Actions section at the bottom.

### Launching Action Center

Position your mouse pointer over the  icon on the taskbar and click it.

Press  on your keyboard.

### Other keyboard shortcuts

Using the keyboard, you can also use the following shortcuts to help you launch applications and navigate Windows® 10.

	Launches Start menu
	Launches Action Center
	Launches the desktop
	Launches the File Explorer
	Opens the Share panel
	Launches Settings
	Launches Connect panel
	Activates the Lock screen
	Minimizes all currently active windows

	Launches Search
	Launches Project panel
	Opens the Run window
	Opens Ease of Access Center
	Opens the context menu of the Start button
	Launches the magnifier icon and zooms in your screen
	Zooms out your screen
	Opens Narrator Settings



## Connecting to wireless networks

### Wi-Fi

Access emails, surf the Internet, and share applications via social networking sites using your ASUS All-in-One PC's Wi-Fi connection.

#### Connecting Wi-Fi

Connect your ASUS All-in-One PC to a Wi-Fi network by using the following steps:

1. Select the  icon from the taskbar.
2. Select the  icon to enable Wi-Fi.
3. Select an access point from the list of available Wi-Fi connections.
4. Select Connect to start the network connection.  
NOTE: You may be prompted to enter a security key to activate the Wi-Fi connection.

## Bluetooth

Use Bluetooth to facilitate wireless data transfers with other Bluetooth-enabled devices.

### Pairing with other Bluetooth-enabled devices

You need to pair your ASUS All-in-One PC with other Bluetooth-enabled devices to enable data transfers. Connect your devices by using the following steps:

1. Launch Settings from the Start menu.
2. Select Devices, then select Bluetooth to search for Bluetooth-enabled devices.
3. Select a device from the list. Compare the passcode on your ASUS All-in-One PC with the passcode sent to your chosen device. If they are the same, select Yes to successfully pair your ASUS All-in-One PC with the device.

NOTE: For some bluetooth-enabled devices, you may be prompted to key in the passcode of your ASUS All-in-One PC.

## Connecting to wired networks

You can also connect to wired networks, such as local area networks and broadband Internet connection, using your ASUS All-in-One PC's LAN port.

NOTE: Contact your Internet Service Provider (ISP) for details or your network administrator for assistance in setting up your Internet connection.

To configure your settings, refer to the following procedures.

Ensure that a network cable is connected between your ASUS All-in-One PC's LAN port and a local area network before performing the following actions.

## Configuring a dynamic IP/PPPoE network connection

1. Launch Settings.
2. Select Network & Internet.
3. Select Ethernet > Network and Sharing Center.
4. Select your LAN then select Properties.
5. Select Internet Protocol Version 4(TCP/IPv4) then select Properties.
6. Select Obtain an IP address automatically then select OK.  
NOTE: Proceed to the next steps if you are using PPPoE connection.
7. Return to the Network and Sharing Center window then select Set up a new connection or network.
8. Select Connect to the Internet then select Next.
9. Select Broadband (PPPoE).
10. Type your User name, Password, and Connection name then select Connect.
11. Select Close to finish the configuration.

12. Select on the taskbar then select the connection you just created.
13. Type your user name and password then select Connect to start connecting to the Internet.

## Configuring a static IP network connection

1. Repeat steps 1 to 5 under *Configuring a dynamic IP/PPPoE network connection*.
2. Select Use the following IP address.
3. Type the IP address, Subnet mask and Default gateway from your service provider.
4. If needed, you can also type the preferred DNS server address and alternate DNS server address then select OK.

## Turning your ASUS All-in-One PC off

You can turn off your ASUS All-in-One PC by doing either of the following procedures:

- Launch the Start menu, then select > Shut down to do a normal shutdown.
- From the log-in screen, select > Shut down.

- Press **Windows + X** to launch Shut Down Windows. Select Shut Down from the dropdown list then select OK.
- 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 to sleep

To put your ASUS All-in-One PC to Sleep mode:

- Launch the Start menu, then select **Start > Sleep** to put your ASUS All-in-One PC to sleep.
- From the log-in screen, select **Start > Sleep**.

Press **Windows + X** to launch Shut Down Windows. Select Sleep from the dropdown list then select OK.

NOTE: You can also put your ASUS All-in-One PC to Sleep mode by pressing the power button once.

## 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 ASUS All-in-One 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.

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

To access the BIOS:

- When your ASUS 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 to turn on your ASUS All-in-One PC then press <F2> or <Del> during POST.

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

## Recovering your system

Using recovery options on your ASUS All-in-One PC allows you to restore the system to its original state or simply refresh its settings to help improve performance.

- Backup all your data files before doing any recovery option on your ASUS All-in-One PC.
- Note down important customized settings such as network settings, user names, and passwords to avoid data loss.
- Ensure that your ASUS All-in-One PC is plugged in to a power source before resetting your system.

Windows® 10 allows you to do any of the following recovery options:

- Keep my files - This option allows you refresh your ASUS All-in-One PC without affecting personal files (photos, music, videos, documents).  
Using this option, you can restore your ASUS All-in-One PC to its default settings and delete other installed apps.
- Remove everything - This option resets your ASUS All-in-One PC to its factory settings. You must backup your data before doing this option.
- Go back to an earlier build - This option allows you to go back to an earlier build. Use this option if this build is not working for you.



- Advanced startup - Using this option allows you to perform other advanced recovery options on your ASUS All-in-One PC such as:
  - Using a USB drive, network connection or Windows recovery DVD to startup your ASUS All-in-One PC.
  - Using Troubleshoot to enable any of these advanced recovery options: System Restore, System Image Recovery, Startup Repair, Command Prompt, UEFI Firmware Settings, and Startup Settings.

## Performing a recovery option

Refer to the following steps if you want to access and use any of the available recovery options for your ASUS All-in-One PC.

1. Launch Settings and select Update and security.
2. Under the Update and security option, select Recovery then select the recovery option you would like to perform.

## Safety information

Your All-in-One ASUS All-in-One PC 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.
- Be cautious while moving the system to prevent injuries.
- 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 remains in the product. Always unplug all power, modem, and network cables from the power outlets before

cleaning the system.

- 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 loss or permanent damage to hearing. Increasing the volume and equalizer beyond default levels increases the output voltage and sound pressure produced by the earphones or headphones.

## Adapter

### 1. Adapter specifications

Input voltage: 100-240Vac

Input frequency: 50-60Hz

Rating output voltage: 19Vdc

2. It is recommended that the power socket is in close proximity to the ASUS All-in-One PC.

## DC Fan Warning

Please note that the DC fan is a moving part and can cause harm when used improperly. Keep away from the fan when using the product.

## 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.

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.

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

the equipment.

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## Documents / Resources

### References

[ASUS Global](#)

### Download manual

Here you can download full pdf version of manual, it may contain additional safety instructions, warranty information, FCC rules, etc.

[Download Asus V221 Series - All-in-One PC Manual](#)

### Need Assistance?

Do you have a question about the V221 Series that isn't answered in the manual? Leave your question here.

□

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