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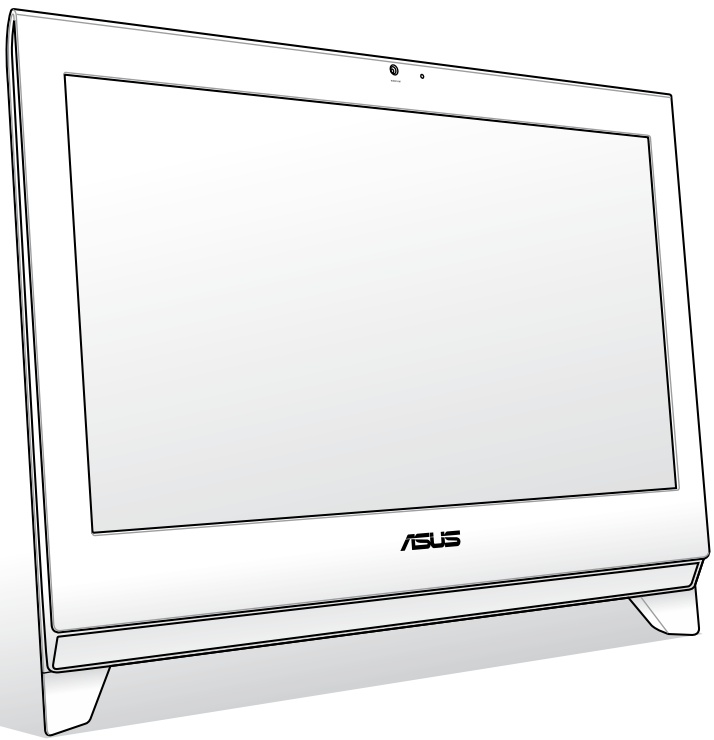
English

All-in-one PC

User Manual



ET24 Series

English

E6515

Second Edition V2
March 2011

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Every effort has been made to ensure that the contents of this manual are correct and up to date. However, the manufacturer makes no guarantee regarding the accuracy of its contents, and reserves the right to make changes without prior notice.

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Notices

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.

CAUTION: Any changes or modifications not expressly approved by the grantee 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 provide 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.

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 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 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.

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

France Restricted Wireless Frequency Bands

Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are:

- 10mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz)
- 100mW for frequencies between 2446.5 MHz and 2483.5 MHz

Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz.

There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of Defense, with maximum authorized power of 100mW in the 2446.5–2483.5 MHz band. Use outdoors on public property is not permitted.

In the departments listed below, for the entire 2.4 GHz band:

- Maximum authorized power indoors is 100mW
- Maximum authorized power outdoors is 10mW

Departments in which the use of the 2400–2483.5 MHz band is permitted with an EIRP of less than 100mW indoors and less than 10mW outdoors:

01 Ain	02 Aisne	03 Allier	05 Hautes Alpes	
08 Ardennes	09 Ariège	11 Aude	12 Aveyron	16 Charente
24 Dordogne	25 Doubs	26 Drôme	32 Gers	36 Indre
37 Indre et Loire	41 Loir et Cher	45 Loiret	50 Manche	55 Meuse
58 Nièvre	59 Nord	60 Oise	61 Orne	63 Puy du Dôme
64 Pyrénées Atlantique	66 Pyrénées Orientales		67 Bas Rhin	68 Haut Rhin
70 Haute Saône	71 Saône et Loire		75 Paris	82 Tarn et Garonne
84 Vaucluse	88 Vosges		89 Yonne	
90 Territoire de Belfort	94 Val de Marne			

This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.arcep.fr)

Your WLAN Card transmits less than 100mW, but more than 10mW.

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.

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.

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

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 detailed recycling information in different regions.

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 computer is automatically set to sleep after 15 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.

Notes for this manual

To ensure that you perform certain tasks properly, take note of the following symbols used throughout this manual.

WARNING: Vital information that you MUST follow to prevent injury to yourself.

IMPORTANT: Instructions that you MUST follow to complete a task.

TIP: Tips and useful information that help you complete a task.

NOTE: Additional information for special situations.

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.

English

Safety information

Your All-in-one PC ET24 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 (varies with the purchased model)
   a. Input voltage: 100–240Vac

      Input frequency: 50–60Hz

      Rating output current: 120W (19V, 6.3A)

      Rating output voltage: 19Vdc

   b. Input voltage: 100–240Vac

      Input frequency: 50–60Hz

      Rating output current: 90W (19V, 4.7A)

      Rating output voltage: 19Vdc

   c. Input voltage: 100–240Vac

      Input frequency: 50–60Hz

      Rating output current: 65W (19V, 3.4A)

      Rating output voltage: 19Vdc

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

DC Fan Warning

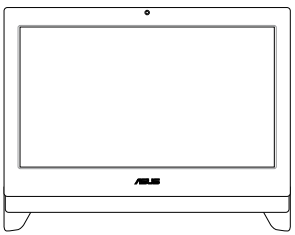
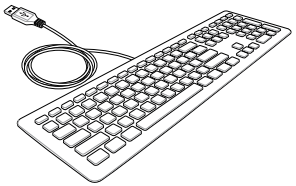
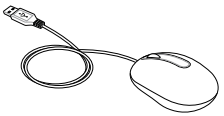
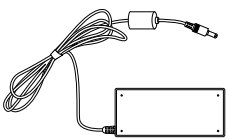
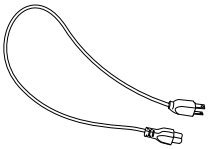
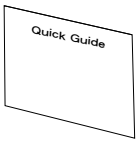
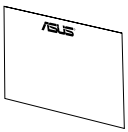
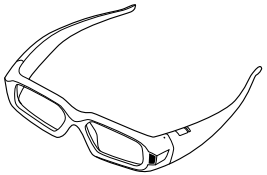
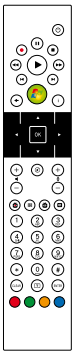
Please note that the DC fan is a moving part that may cause DANGER. Ensure to keep your body from the moving fan blades.

English

Welcome

Congratulations on your purchase of All-in-one PC ET24 Series. The following illustration displays the package contents of your new product. If any of the following items is damaged or missing, contact your retailer.

Package contents

		
All-in-one PC ET24 Series	Keyboard (wired or wireless)	Mouse (wired or wireless)
		
AC adapter	Power cord	Quick start guide
		
Warranty card	3D Vision glasses	
TV USB dongle (optional)	KBM USB receiver dongle (optional)	Remote Control

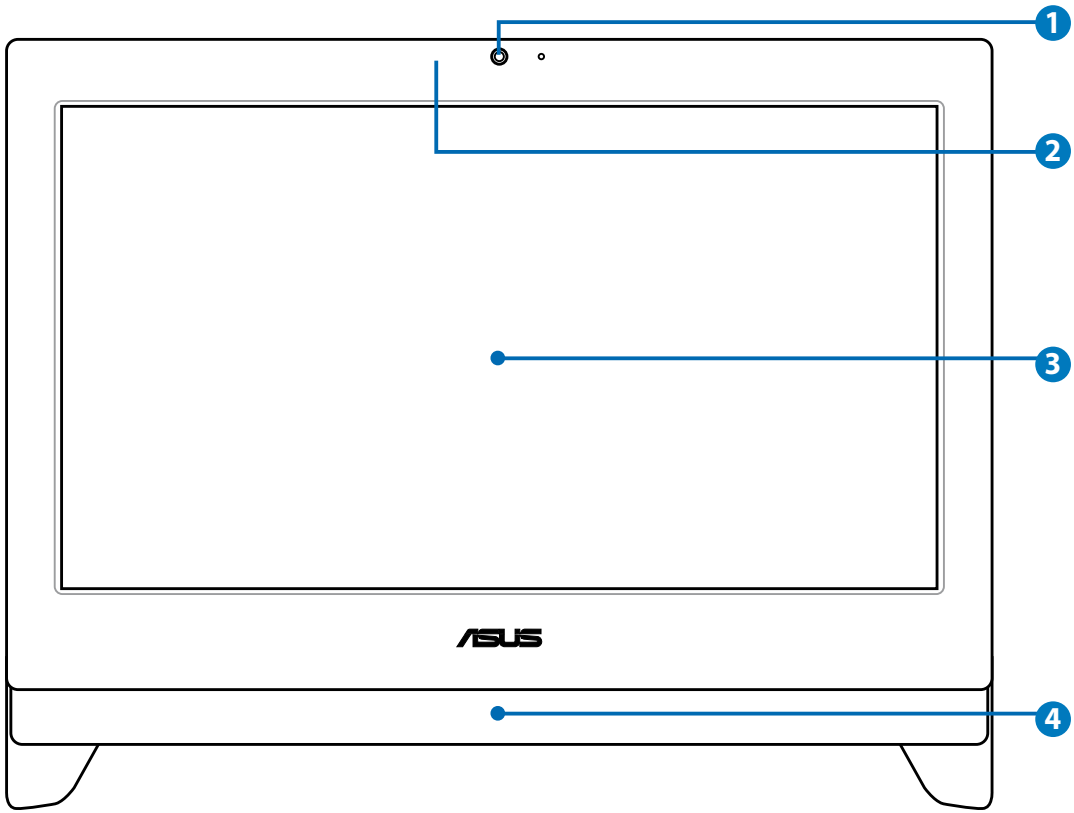
Note:

1. **The number and content of the discs may vary with territories.**
2. **The keyboard, mouse, power supply, TV USB dongle, remote control, and KBM USB receiver dongle illustrations are for reference only. Actual product specifications may vary with territories.**
3. **The 3D Vision glasses are not prescription eyewear, sunglasses, nor a protective goggle. DO NOT use the glasses for any general eyewear purposes (e.g., driving, reading, protection from sunlight or ultraviolet light, etc.) as such use may cause injury.**

Getting to know your All-in-one PC

Front view

Refer to the following diagram to identify the components on this side of the system.



1 **Webcam**

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

2 **3D Vision IR port (on selected models)**

The 3D Vision IR port transmits 3D Vision signals to the 3D glasses when you play a 3D video game or watch 3D movies.

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

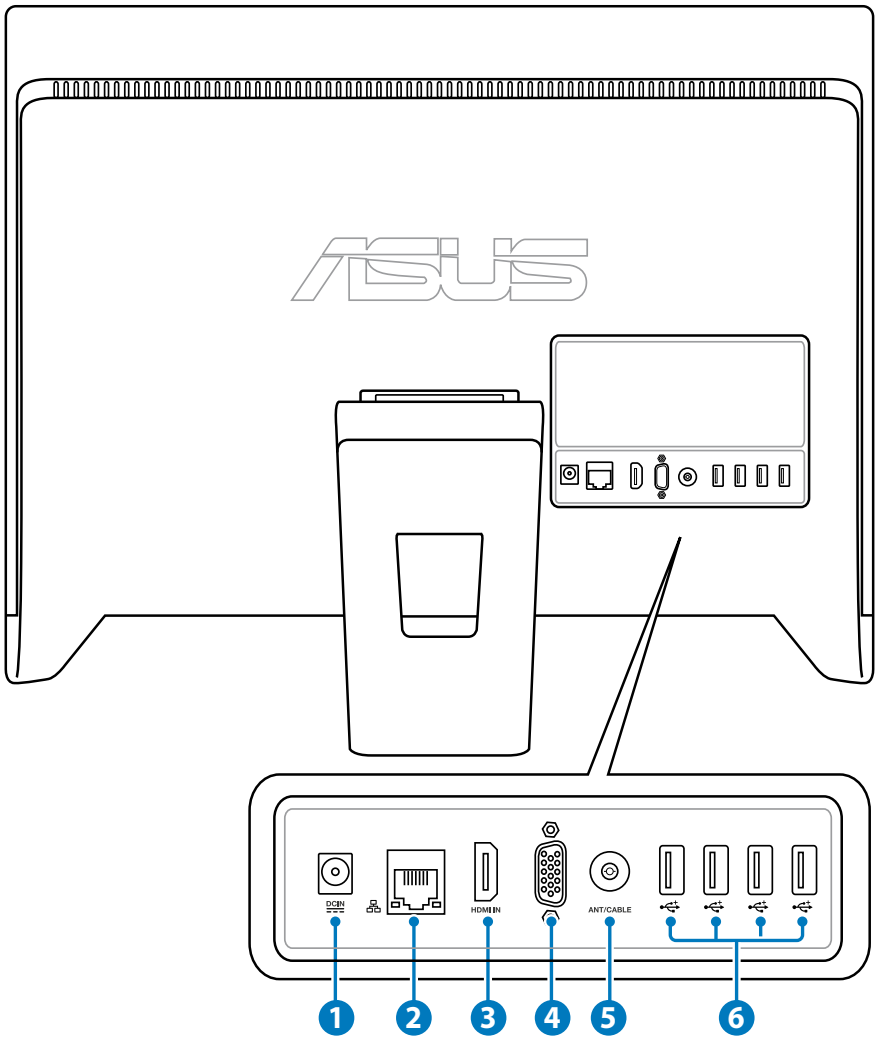
The 23.6-inch LCD display, with an optimal resolution of 1600 x 900 or 1920 x 1080, features touch function that brings digital life to your fingertips. The display features 120Hz 3D panel.

4 **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 (results improved with external stereo headphones or speakers). Audio features are software controlled.

Rear view

Refer to the following diagram to identify the components on this side of the system.



1 **DCIN Power input (DC 19.5V)**

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.

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

2 **LAN port**

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

3 **HDMI In Port (on selected models)**

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

4 **Display (Monitor) Input (on selected models)**

The display input port supports a standard VGA cable and helps turn your All-in-one PC into a larger display for your Notebook PC or other devices.

5 **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.

6 **USB port**

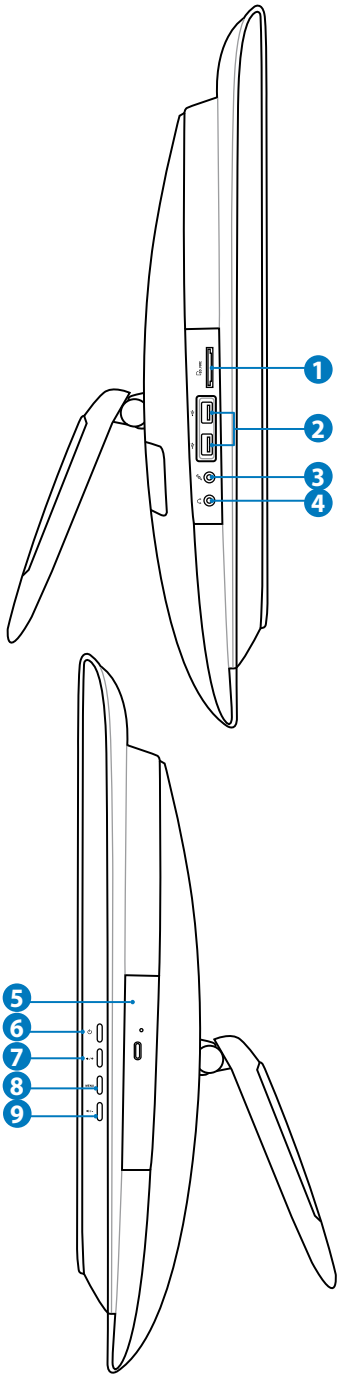
The Universal Serial Bus (USB) port is compatible with USB devices such as keyboards, mouse devices, cameras, and hard disk drives.

The USB ports may support USB 2.0 or USB 3.0 specifications depending on your model.

The number of the USB ports varies with models.

Side views

Refer to the following diagrams to identify the components on both sides of the system.



1 Memory card reader

Normally an external memory card reader must be purchased separately in order to read memory cards. This All-in-one PC has a built-in memory card reader that supports SD cards used in devices like digital cameras, MP3 players, mobile phones, and PDAs.

2 USB port

The Universal Serial Bus (USB) port is compatible with USB devices such as keyboards, mouse devices, cameras, and hard disk drives.

The USB ports may support USB 2.0 or USB 3.0 specifications depending on your model.

3 Microphone jack

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

4 Headphone/Audio Out jack

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

5 Optical Drive

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

6 Power switch

The power switch allows you to switch the system ON/OFF.

7 **Up Button**

Press to display the volume or brightness menu directly. Or use it to scroll up when navigating other menus.

The button definition varies with models.

8 **Menu Button**

Press to display the main menu.

The menu options vary with models.

9 **Down Button**

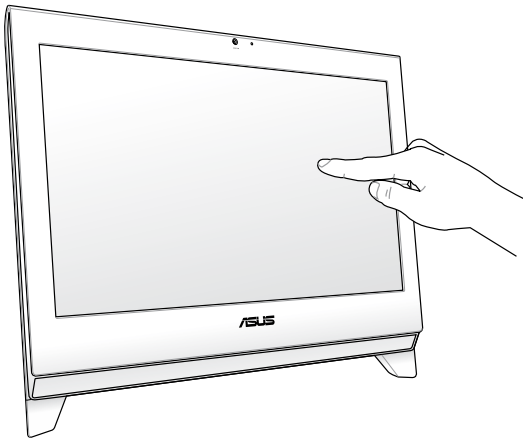
Press to display the source or volume menu directly. Or use it to scroll down when navigating other menus.

The button definition varies with models.

Using the touch screen

All-in-one PC brings digital life to your fingertips. With a few touches, you can make All-in-one PC work at your command. Your touch functions like a mouse device:

- Touch = left-click on the mouse
- Touch and hold = right-click on the mouse

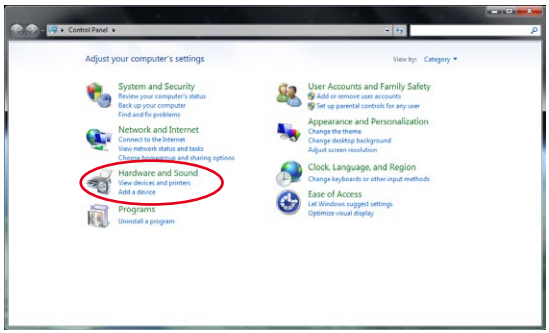


The touch-enabled screen is available on selected models.

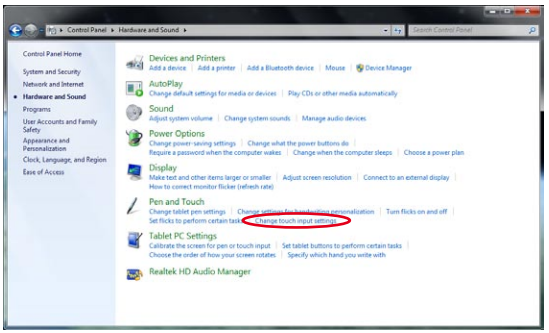
Showing the touch pointer

The touch pointer, virtual mouse, helps you use the touch-enabled screen more conveniently. To show the touch pointer

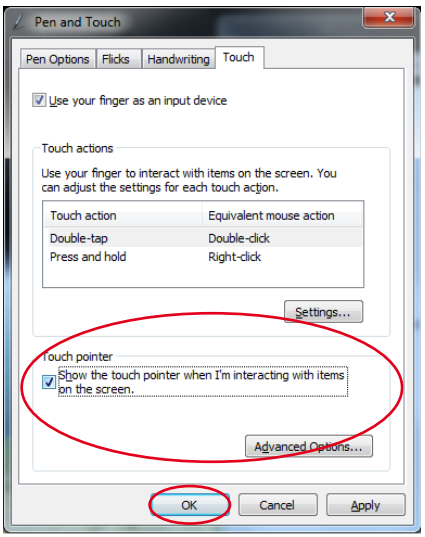
1. From the Windows® desktop, click **Start** > **Control Panel** > **View Devices and Printer**.



2. Click **Change touch input settings**.



3. Click the **Touch** tab on the top and click the box before **Show the touch pointer when I'm interacting with items on the screen**. Click **OK** to finish the configuration.



4. You will see a virtual mouse on the screen when you touch the screen.

Cleaning the touch screen

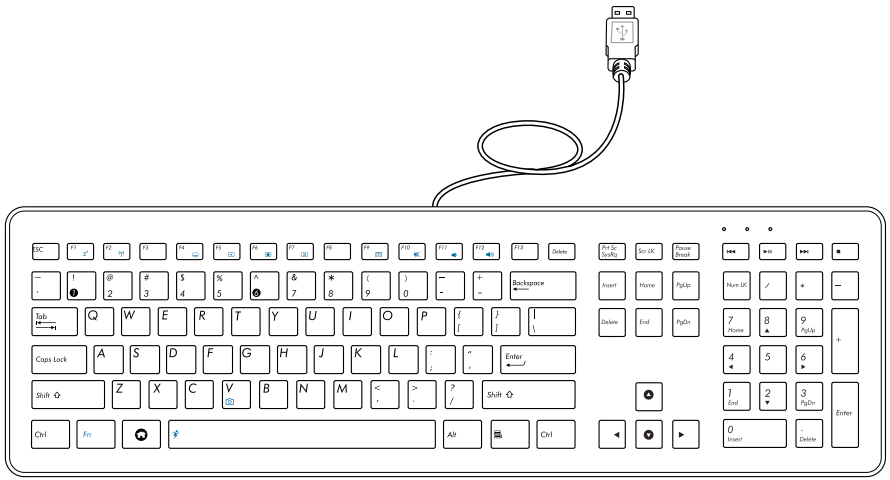
The touch screen requires periodic cleaning to achieve the best touch sensitivity. Keep the screen clean from foreign objects or excessive dust accumulation. To clean the screen:

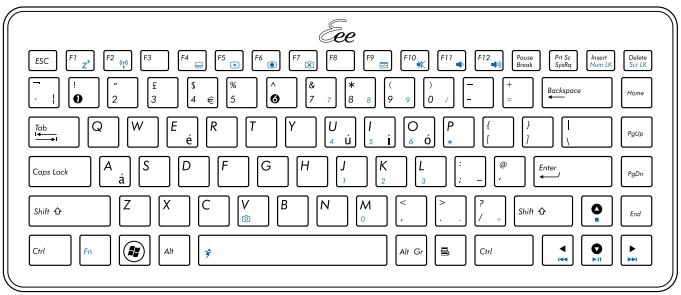
- Turn off the system and disconnect the power cord from the wall.
- Spray a small amount of a household glass cleaner onto the supplied cleaning cloth and gently wipe the screen surface.
- Do not spray the cleaner directly on the screen.
- Do not use an abrasive cleaner or a coarse cloth when cleaning the screen.

Using the keyboard

Your All-in-one PC comes with a wired or wireless keyboard that facilitates your control of the system.

The following keyboard illustration is for reference only. Actual product specifications may vary with territories.

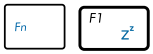
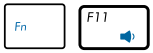
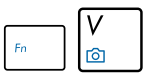




Function keys

The following table defines the colored function keys on the keyboard. To access the colored commands, hold the **Function key** while pressing a key with a colored command.

The actual colored function keys and supported commands may vary with models.

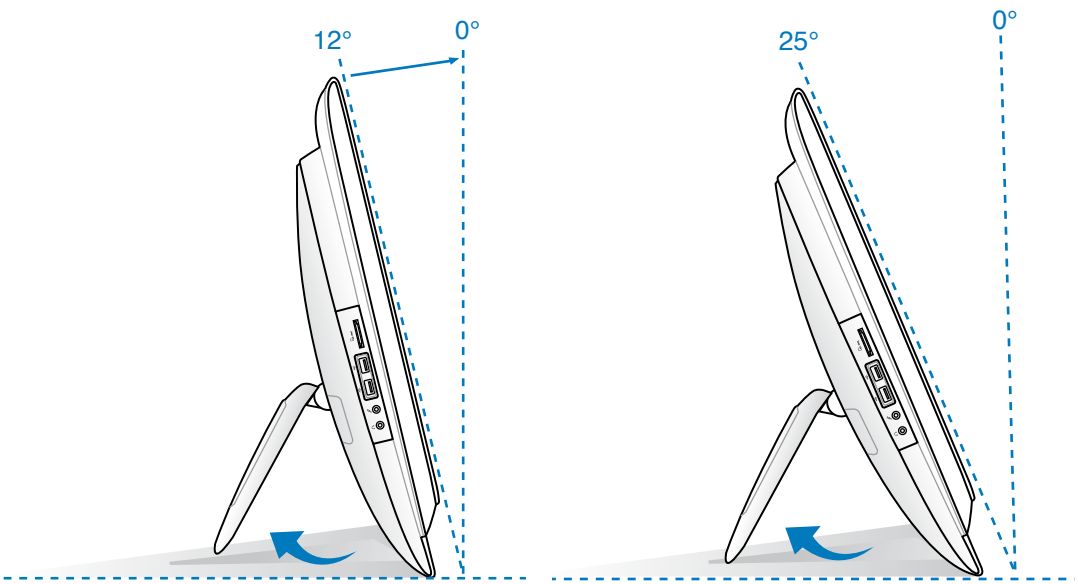
	**Fn + F1:** Places the system in suspend mode.
	Fn + F2: Toggles the internal wireless LAN or Bluetooth (on selected models) ON or OFF with an on-screen-display. When enabled, the corresponding wireless indicator will light. Windows software settings are necessary to use the wireless LAN or Bluetooth.
	Fn + F5: Decreases the display brightness.
	Fn + F6: Increases the display brightness.
	Fn + F7: Toggles the LCD display ON and OFF.
	Fn + F10: Toggles the speakers ON and OFF.
	**Fn + F11:** Decreases the speaker volume.
	Fn + F12: Increases the speaker volume.
	Fn + Space (Super Hybrid Engine key): Switches among different power saving modes. The selected mode is shown on the display.
	**Fn + V:** Toggles the built-in webcam ON and OFF.

Positioning your All-in-one PC

Placing on the desktop

Place your All-in-one PC on a flat surface such as a table or desk, **pull the stand open, and tilt** the display panel to an angle of between 12 and 25 degrees from an upright position.

When you tilt the display panel to the angle of 12 degree, a click sound indicates that the display panel is at the proper angle. Avoid the angle less than 12 degree to prevent the display panel from falling forward.

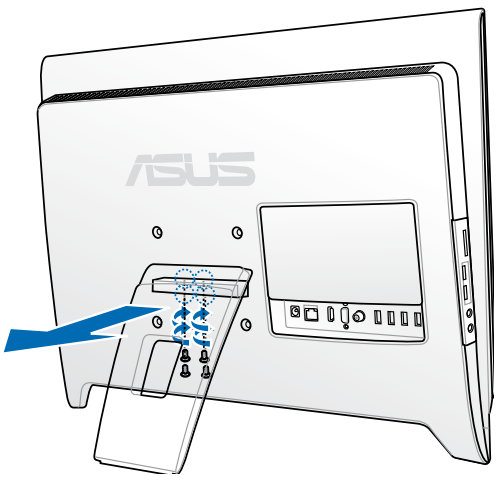


Mounting to the wall

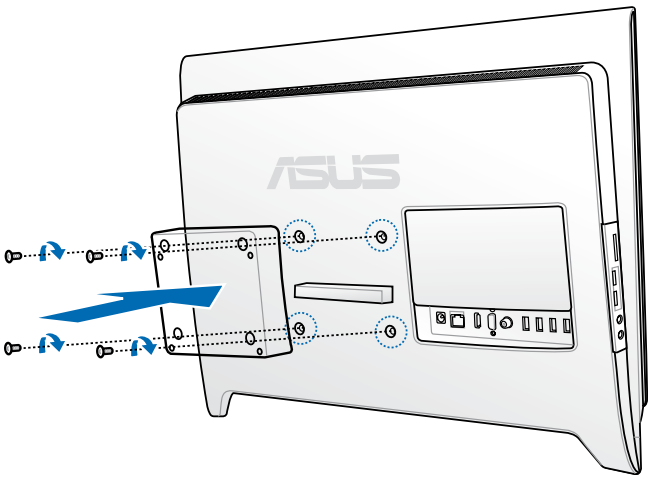
To mount your All-in-one PC to the wall, purchase an optional wall mount adapter, and a wall mount kit (pad and rack). Install the wall mount kit according to the following instructions.

The following instructions are for reference only. The actual installation procedures may vary depending on your purchased wall mount kit.

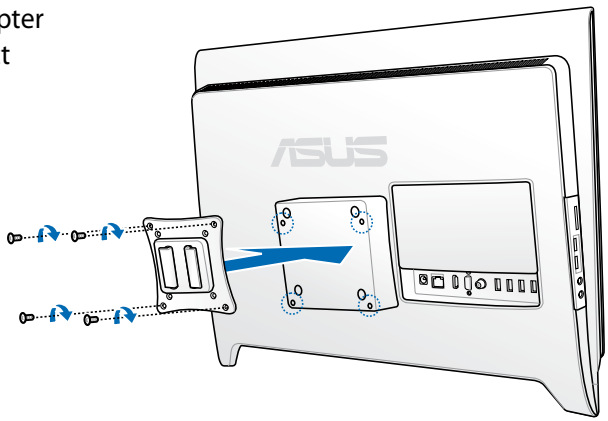
1. Remove the four screws on the stand to release the stand. Keep the screws for future use in case you want to reinstall the stand.



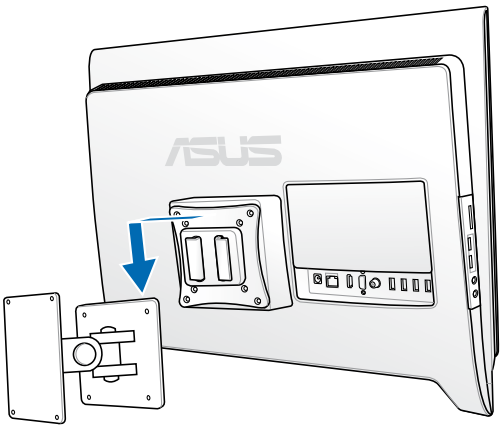
2. Align the wall mount adapter to the holes at the back of the All-in-one PC and install it. Secure the adapter with four screws.



3. Secure the wall mount pad to the adapter with the four screws noting the correct orientation.



4. Hook your All-in-one PC to the wall mount rack securely.



The wall mount kit in this illustration is for reference only.

5. Fasten the wall mount rack to the wall following the instructions described in the installation manual that came with your wall mount kit package.

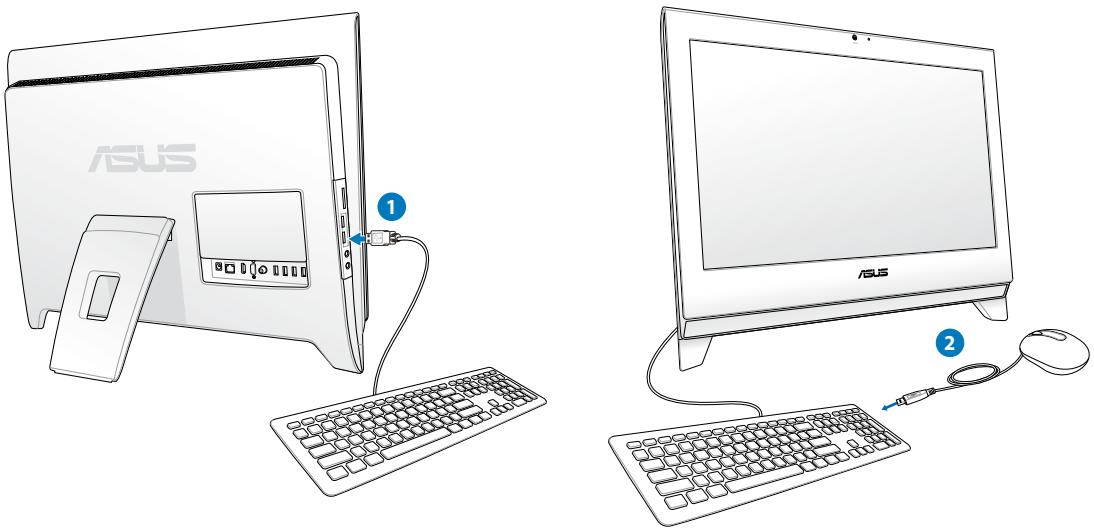
For ventilation's sake, ensure that you leave a distance of 6cm at least between the system and the wall.

English

Setting up your All-in-one PC

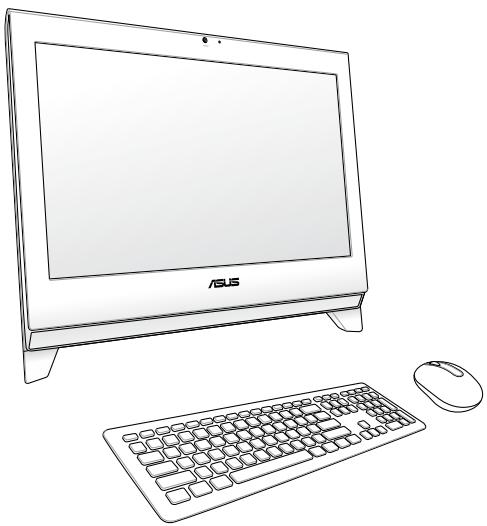
Connecting the wired keyboard and mouse

Connect the keyboard to the **USB** port on the rear panel (1). You may also connect the keyboard to the **USB** port on the left side if the keyboard cable is not long enough. Then, connect the mouse to the keyboard **USB** port (2).



Connecting the wireless keyboard and mouse

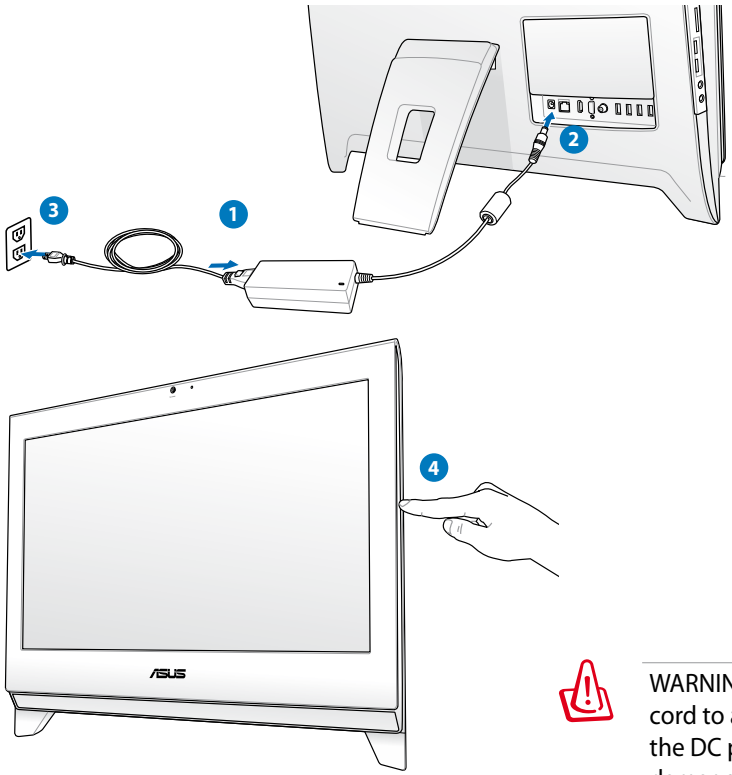
1. Install batteries to the wireless keyboard and mouse.
2. Plug the wireless dongle for keyboard and mouse to a USB port.
3. Push the buttons at the back of both the keyboard and mouse to connect with the All-in-one PC.
4. You can begin using the wireless keyboard and mouse.



The illustrations above are for reference only. Actual appearances and specifications (wired or wireless) of the keyboard and mouse may vary with territories.

Powering on the system

Connect the supplied AC adapter to the **DC IN** jack on the rear panel (1 2 3) 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.

Powering off

- To power off the LCD display, press the **Fn + F7 key** Fn F7 on the keyboard. The system is still running.

The colored key command is available on selected models.

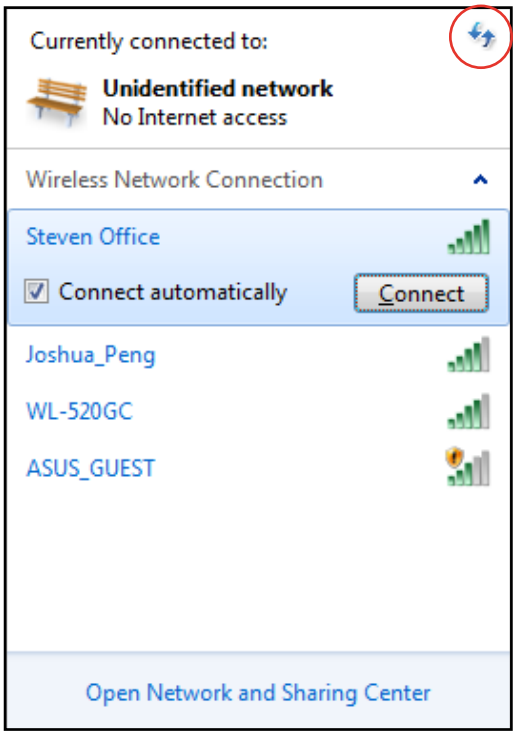
- To put the system into suspend mode, press the **Power switch** ⏻ on the right. To bring the system back to the OS, press the **Power switch** again, click the mouse, touch the display, or press any key on the keyboard.
- To shut down the system completely, follow the normal Windows shutdown process.

English

Configuring a wireless connection

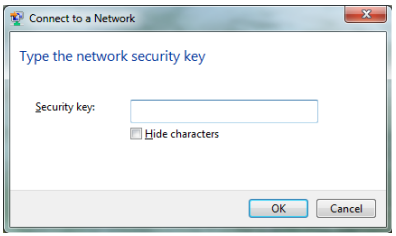
1. Click the wireless network icon with an orange star in the Windows® Notification area.

2. Select the wireless access point you want to connect to from the list and click **Connect** to build the connection.



If you cannot find the desired access point, click the **Refresh** icon on the upper right corner to refresh and search in the list again.

Enter the network security key when connecting to a security-enabled network.

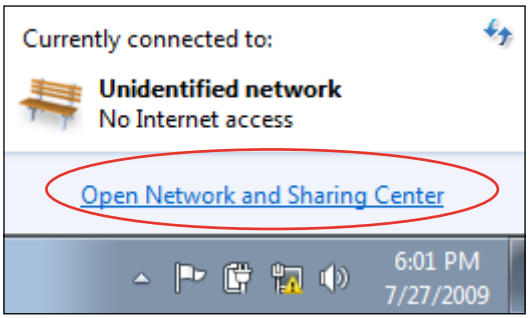


3. After a connection has been established, the connection is shown on the list.
4. You can see the wireless network icon in the Notification area.

Configuring a wired connection

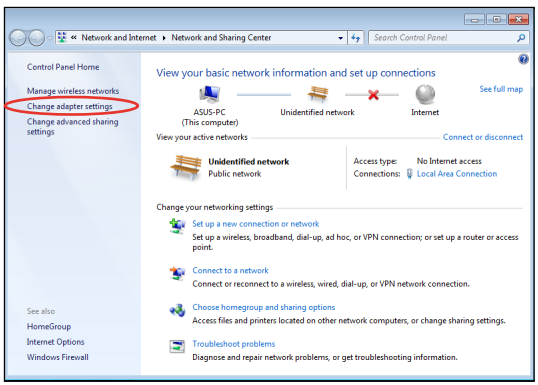
Using a static IP

1. Click the network icon with a yellow warning triangle in the Windows® Notification area and select **Open Network and Sharing Center**.

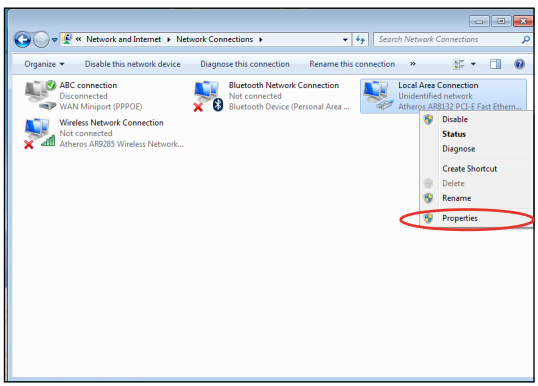


> Ensure that you have connected the LAN cable to the All-in-one PC.

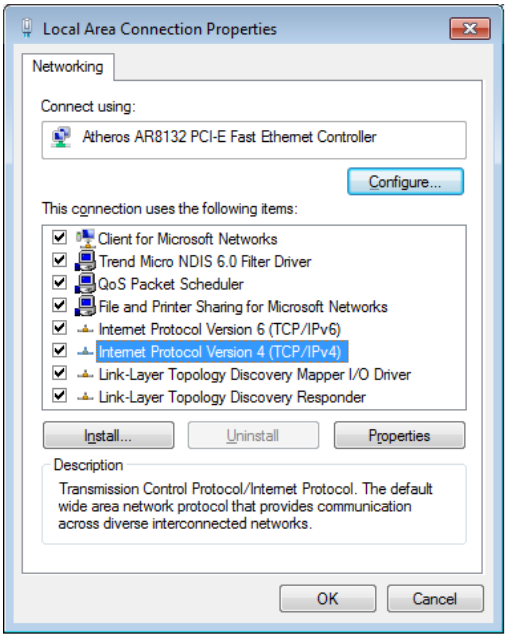
2. Click **Change adapter settings** in the left pane.



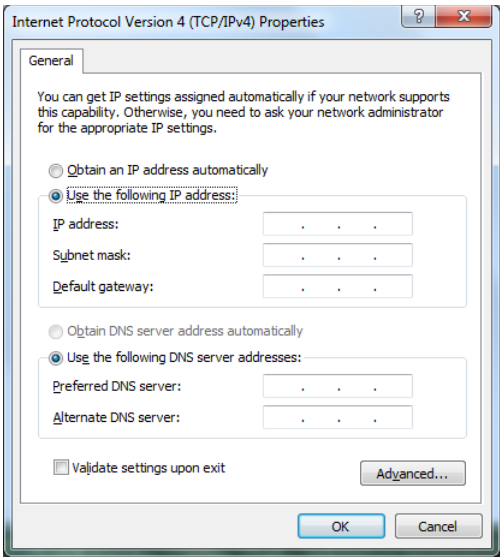
3. Right-click **Local Area Connection** and select **Properties**.



4. Click **Internet Protocol Version 4(TCP/IPv4)** and click **Properties**.

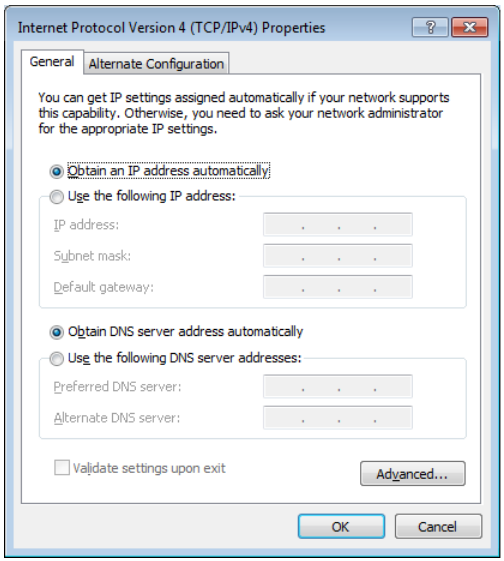


5. Select **Use the following IP address**.
6. Enter your **IP address**, **Subnet mask**, and **Default gateway**.
7. If needed, enter the **Preferred DNS server** address.
8. After entering all the related values, click **OK** to finish the configuration.



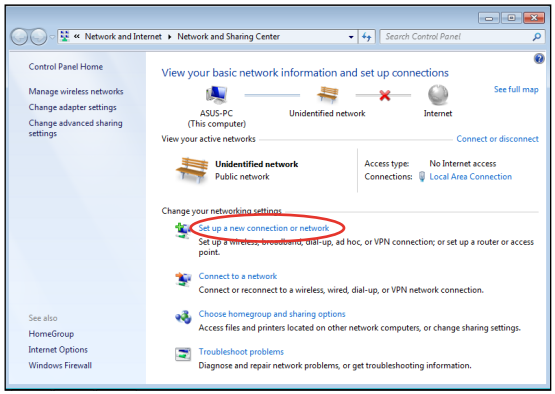
Using a dynamic IP (PPPoE)

1. Repeat steps 1–4 in the previous section.
2. Select **Obtain an IP address automatically** and click **OK**.

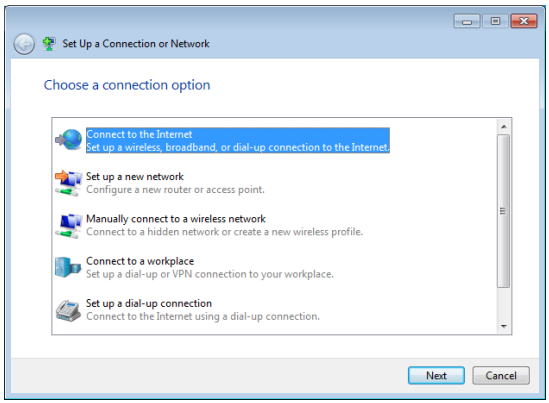


(Continue the following steps if using PPPoE)

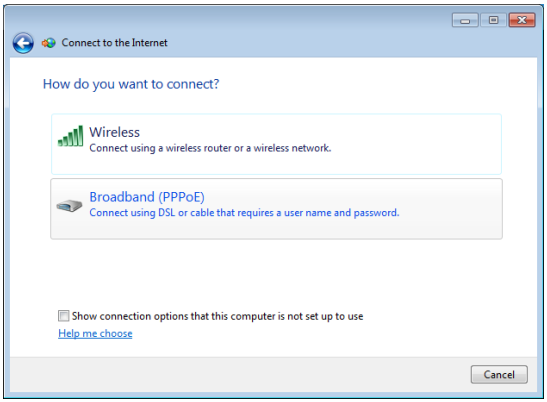
3. Return to the **Network and Sharing Center** and then click **Set up a new connection or network**.



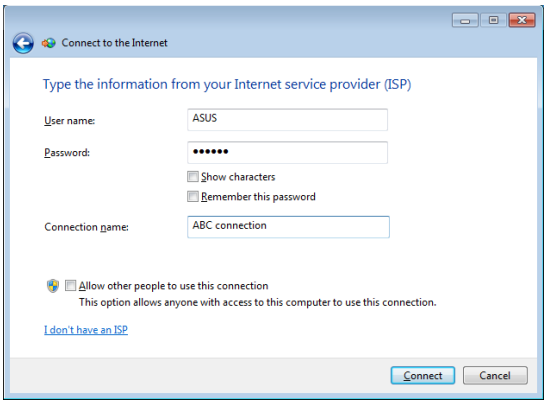
4. Select **Connect to the Internet** and click **Next**.



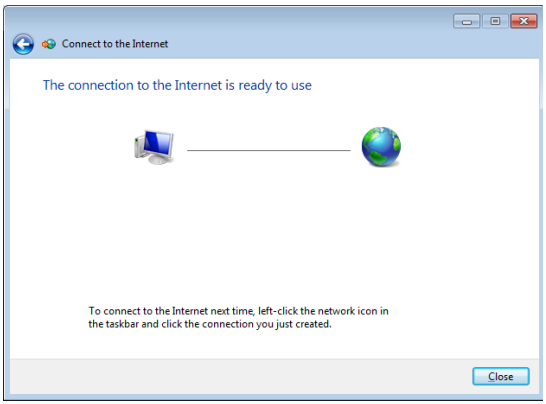
5. Select **Broadband (PPPoE)** and click **Next**.



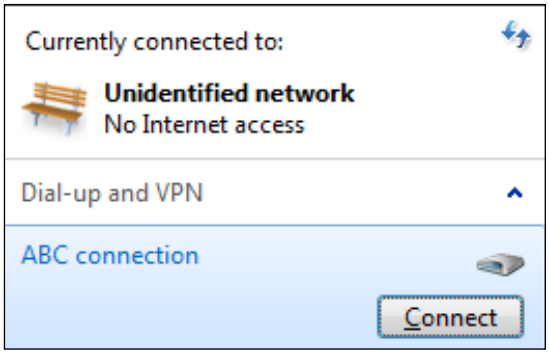
6. Enter your User name and, Password, and Connection name. Click **Connect**.



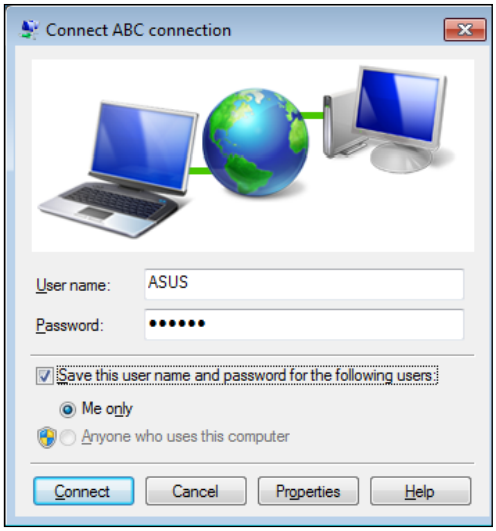
7. Click **Close** to finish the configuration.



8. Click the network icon in the notification area and click the connection you just created.



9. Enter your user name and password. Click **Connect** to connect to the Internet.



English

Bluetooth Wireless Connection

Your All-in-one PC features Bluetooth v3.0 technology and actual transferring speed varies with the connected devices.

Alll-in-one PCs with Bluetooth technology eliminates the need for cables for connecting Bluetooth-enabled devices. Examples of Bluetooth-enabled devices may be Notebook PCs, Desktop PCs, mobile phones, and PDAs.

Bluetooth-enabled mobile phones

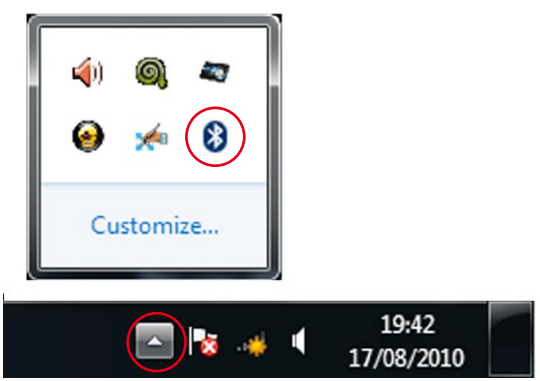
You can wireless connect to your mobile phone. Depending on your mobile phone's capabilities, you can transfer phone book data, photos, sound files, etc. or use it as a modem to connect to the Internet. You may also use it for SMS messaging.

Bluetooth-enabled computers or PDAs

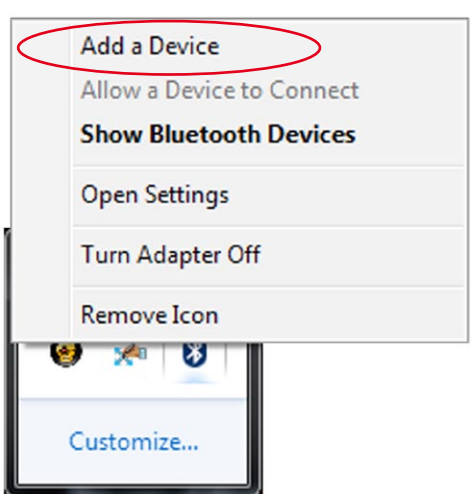
You can wireless connect to another computer or PDA and exchange files, share peripherals, or share Internet or network connections. You may also make use of Bluetooth-enabled wireless keyboard or mouse.

This process can be used to add most Bluetooth devices.

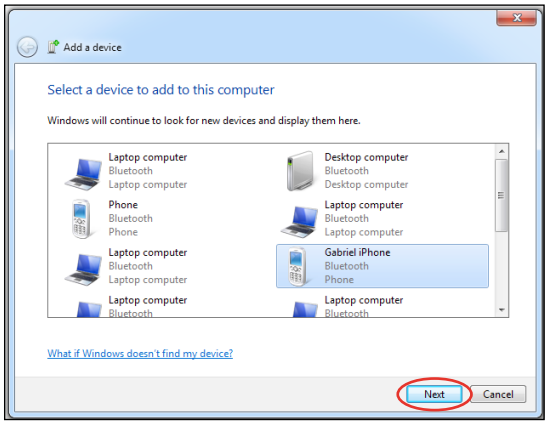
1. Click the triangle button to show the hidden items in the nortification area.



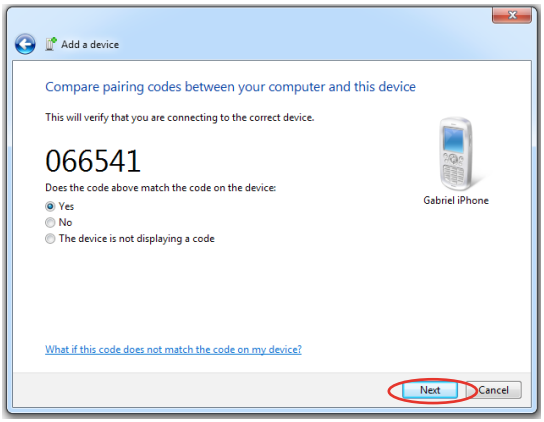
2. Right-click the Bluetooth icon and click **Add a Device** to look for new devices.



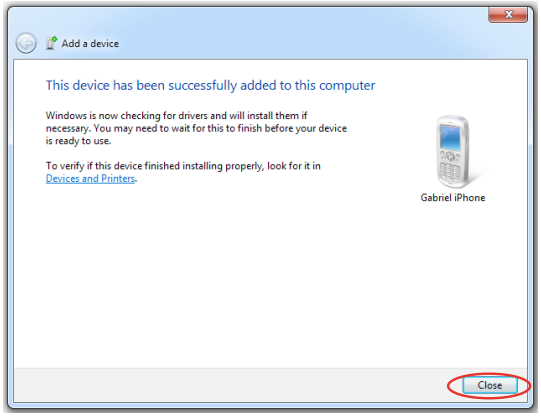
3. Select a Bluetooth-enabled device from the list and click **Next**.



4. Enter the Bluetooth security code into your device and start pairing.



5. The paired relationship is successfully built. Click **Close** to finish the setting.



Configuring the audio output

All-in-one PC supports different types of audio configurations. Set up the system using stereo speakers.

Speaker configurations

Set up the system with the following speaker configurations:

Name	Speaker system
2-channel (stereo)	Left speaker and right speaker.

Audio jack	Headphones/2-channel
	Audio Out
	Mic In

A stereo speaker set is a left-right, two channel speaker system. A multi-channel audio speaker has a left-right front and left-right rear (surround) channel.

Connecting to speakers

Refer to the table below for the audio jacks on the left panel and their functions.

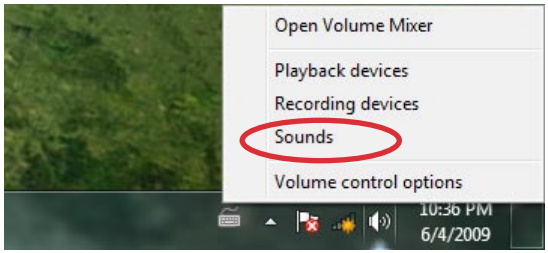
For stereo speakers or headphones

Audio jack	Description
	Connects to stereo speakers or headphones.

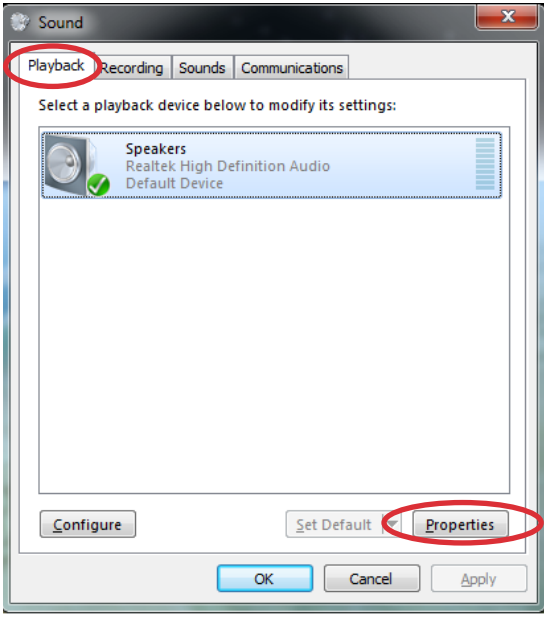
Configuring audio output settings

After connecting a speaker system to your All-in-one PC, follow the steps below to configure the speaker settings:

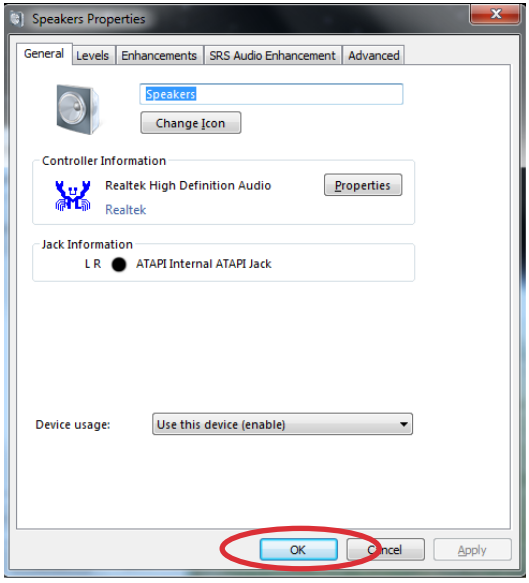
1. Right-click the speaker icon in the Windows® notification area and click **Sounds**.



2. Select a playback device and click **Properties** to configure the settings.



3. Do the advanced configurations, such as adjusting the speaker level and output rate. Click **OK** to finish the configurations.



Overclocking your All-in-one PC

1. Click the **S.H.E.** button on the speedometer on the desktop.

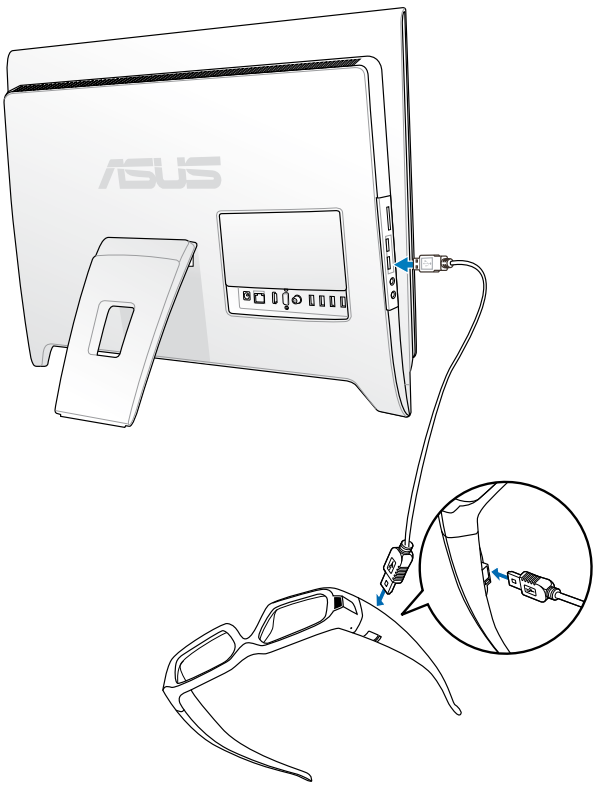
2. The pointer will move from **High** to **Super** as shown.

Click the **S.H.E.** button again to undo the overclocking configuration.

Using 3D Vision Glasses

Charging your 3D Vision glasses

Connect the Type A plug of the provided USB cable to the All-in-one PC and the Type B plug to the 3D vision glasses frame to charge the 3D vision glasses before first use and whenever the power is depleted.



Configuring 3D Vision setup

1. Launch the 3D Vision Setup wizard by clicking on **Start Menu** > **NVIDIA Corporation** > **3D Vision** > **Enable 3D Vision**.
2. Select **Next** to begin the Setup Wizard. The Wizard is very intuitive and easy to follow.
3. Select your gaming environment.
4. 3D Ready display found.
5. Turn on your glasses.
6. Test your hardware setup. This screen is used to verify that your hardware is properly configured to view stereoscopic 3D effects and that your glasses are functioning properly. Follow the directions on the screen.

7. **(For External 3D Vision-Ready LCD displays and notebooks with built-in 3D Vision LCDs) Do you notice flicker in your peripheral vision when looking through the glasses?**

   If you are seeing excessive flicker in your peripheral vision, this screen allows you to change the refresh rate of your display. When you select Yes, the refresh rate options are displayed.

8. Verify your ability to view stereoscopic 3D content. Now that we know your hardware can interpret stereoscopic 3D content, we need to make sure you can. Inability to see the Medical Test image in stereoscopic 3D may be due to:

   Adjustments needed for improved stereoscopic 3D viewing. Select **Back** and verify that you can see stereoscopic 3D on the **Test your hardware setup** screen.

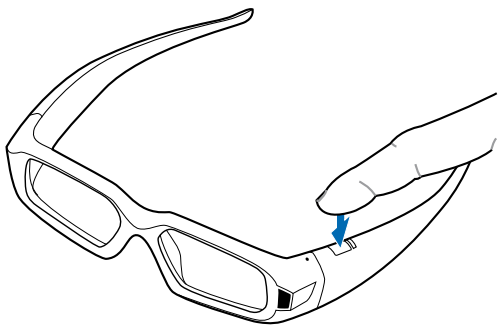
   Visual problems.

   Refer to the Safety Requirements located in the User Guide for precautions. Consult a physician if you suspect a physical problem seeing stereoscopic 3D.

If you fail the medical test and cannot see the test image, NVIDIA recommends that you do not use 3D Vision. Please consult your eye doctor for any possible vision anomalies.

Enjoying 3D Vision

The NVIDIA 3D Vision is activated automatically when you start playing a 3D game. All you have to do is power on the 3D Vision glasses. Use the [Ctrl]+[F3] to increase the depth perception and [Ctrl]+[F4] to decrease the depth perception if needed.



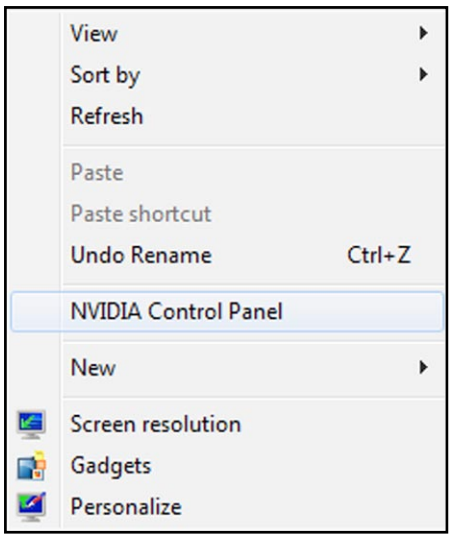
- The effective range is 10 feet (3.048m).
- The 3D Vision glasses shuts down automatically when receiving no IR signal for ten minutes.

Adjusting the Refresh rate

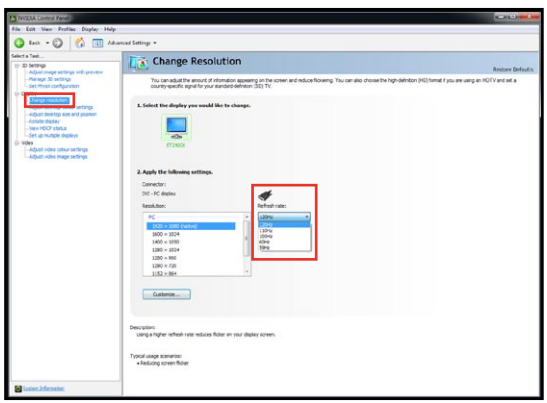
The best **Refresh rate** for 3D Vision effect may differ by territories, follow the instructions below to manually adjust the Refresh rate.

Refer to the FAQ at http://www.nvidia.com/content/3dvision/docs/3DVISION_TipsTricks_Dec08_Screen.pdf for the best Refresh rate in your region.

1. Right-click on the desktop and select **NVIDIA Control Panel**.



2. Click **Change resolution** on the left pane and adjust the **Refresh rate** as recommended.



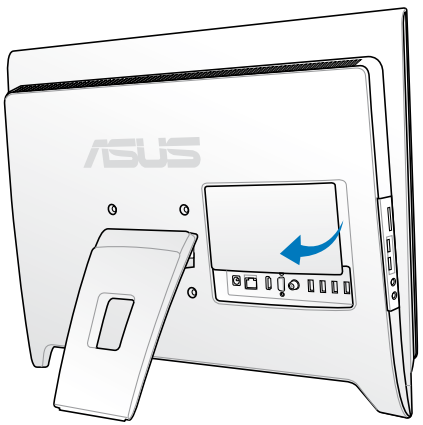
English

Replacing or upgrading memory

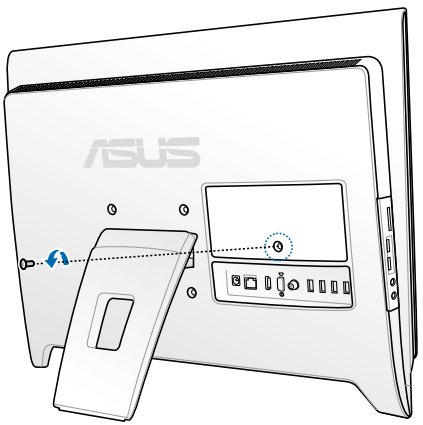
Additional memory will increase application performance by decreasing hard disk access. **Visit an authorized service center or retailer for information on memory upgrades for your All-in-one PC.** Only purchase expansion modules from authorized retailers of this All-in-one PC to ensure maximum compatibility and reliability.

WARNING! Disconnect all the connected peripherals, any telephone or telecommunication lines and power connector (such as external power supply, battery pack, etc.) before installing or removing a memory.

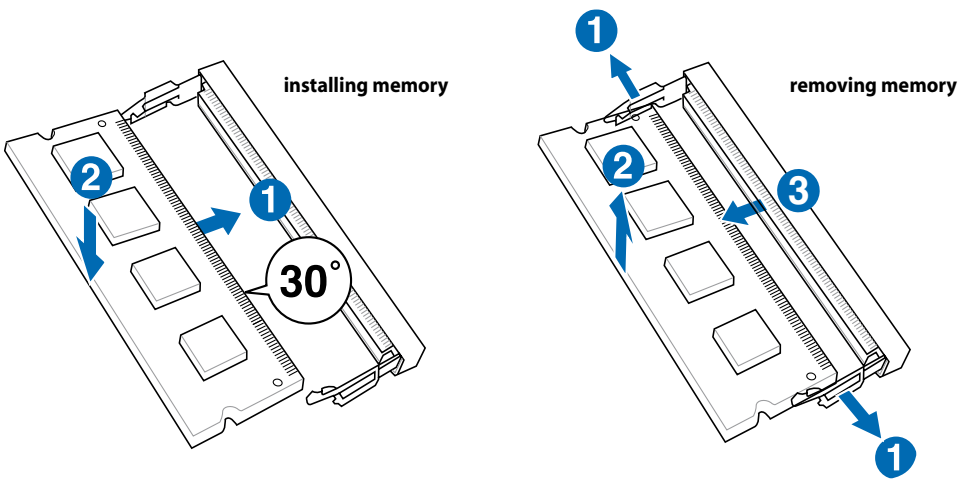
1. Press the retaining clip and lift up the memory door.



2. Unscrew and remove the metal plate cover.



3. Removing or installing the memory based on your needs as instructed bellow.



Visit the ASUS support site at http://support.asus.com for the latest memory QVL.

Recovering your system

Using the hidden partition

The recovery partition includes an image of the operating system, drivers, and utilities installed on your system at the factory. The recovery partition provides a comprehensive recovery solution that quickly restores your system's software to its original working state, provided that your hard disk drive is in good working order. Before using the recovery partition, copy your data files (such as Outlook PST files) to a USB device or to a network drive and make note of any customized configuration settings (such as network settings).

Recovering the OS to the Factory Default Partition (F9 Recovery)

1. Disable **Boot Booster** in BIOS setup.
2. Press [F9] during bootup.
3. Select **Windows setup [EMS Enabled]** when this item appears and press [Enter].
4. Select the language and click **Next**.
5. Select **Recover the OS to the Default Partition** and click **Next**.
6. The factory default partition will be displayed. Click **Next.**
7. Data on the default partition will be cleared. Click **Recover** to start the system recovery.

You will lose all your data on the selected partition. Ensure to back up your important data beforehand.

8. When the recovery is completed successfully, click **Reboot** to restart the system.

Backing up the Factory Default Environment Data to a USB Drive (F9 Backup)

1. Repeat the step 1—4 in the previous section.
2. Select **Backup the Factory Environment to a USB Drive** and click **Next**.
3. Connect a USB storage device to your PC to start the Factory Default Environment backup.

The required size of the connected USB storage device should be larger than 5GB. The actual size may vary with your PC model.

4. Select a desired USB storage device if more than one USB storage device is connected to your All-in-one PC and click **Next**.

If there is already a partition with proper size in the selected USB storage device (for example, a partition that has been used as the backup partition), the system will show this partition automatically and reuse it for backup.

5. Based on the different situations in the previous step, data on the selected USB storage device or on the selected partition will be cleared. Click **Backup** to start backup.

> You will lose all your data on the selected USB storage device or on the selected partition. Ensure to back up your important data beforehand.

6. When backing up the factory default environment is completed successfully, click **Reboot** to restart the system.

Using the USB storage device (USB Restore)

When the Recovery Partition in your system is crashed, use the USB storage device to restore the system to the factory default partition or the factory environment data to the entire hard disk.

1. Disable **Boot Booster** in BIOS setup.
2. Connect the USB storage device that you back up the factory environment data to.
3. Press <ESC> on bootup and the **Please select boot device** screen appears. Select USB: XXXXXX to boot from the connected USB storage device.
4. Select the language and click **Next**.
5. Select **Restore** and click **Next**.
6. Select a task and click **Next**. Task options:

   - **Restore the OS to the Default Partition only**

     Select this option if you simply want to restore the OS to the factory default partition. This option deletes all data on the system partition "C" and keeps the partition "D" unchanged. After you click **Next**, the factory default partition will be displayed. Click **Next** again.

   - **Restore the Whole Hard Disk**

     Select this option if you want to restore your All-in-one PC to the factory default state. This option deletes all data from your hard disk and creates a new system partition as drive "C", an empty partition as drive "D" and a Recovery Partition.

7. Data on the factory default partition or on the whole hard disk will be cleared depending on the option you selected in the previous step. Click **Restore** to start the task.
8. When the restore is completed successfully, click **Reboot** to restart the system.

Technical support for nVIDIA 3D Vision Glasses

For detailed information on the NVIDIA Control Panel, refer to the 3D Vision User Guide available at www.nvidia.com/3dvision.

Visit www.nvidia.com/3dvision/support to access the 24x7x365 online knowledgebase system, where you can submit questions to our tech support staff. Questions may only be submitted in English. 3D Vision customers also have accesses to toll free technical support at 1-800-797-6530 from 8:00 AM-5:00 PM Pacific Time, M-F. The technical support line is accessible from the U.S. and Canada only.

EC Declaration of Conformity

Inspiring Innovation • Persistent Perfection

We, the undersigned,

Manufacturer:	ASUSTek COMPUTER INC.
Address, City:	No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN R.O.C.
Country:	TAIWAN
Authorized representative in Europe:	ASUS COMPUTER GmbH
Address, City:	HARKORT STR. 21-23, 40880 RATINGEN
Country:	GERMANY

declare the following apparatus:

Product name :	**ASUS All-in-one PC**
Model name :	**ET2400I, ET2400IN, ET2400IT, ET2400INT**

conform with the essential requirements of the following directives:

☒2004/108/EC-EMC Directive

☒ EN 55022:2006+A1:2007	☒ EN 55024:1998+A1:2001+A2:2003
☒ EN 61000-3-2:2006	☒ EN 61000-3-3:1995+A1:2001+A2:2005
☒ EN 55013:2001+A1:2003+A2:2006	☒ EN 55020:2007

☒1999/5/EC-R &TTE Directive

☐ EN 300 328 V1.7.1(2006-05)	☒ EN 301 489-1 V1.8.1(2008-04)
☐ EN 300 440-1 V1.4.1(2008-05)	☐ EN 301 489-3 V1.4.1(2002-08)
☐ EN 300 440-2 V1.2.1(2008-03)	☐ EN 301 489-4 V1.3.1(2002-08)
☐ EN 301 511 V9.0.2(2003-03)	☐ EN 301 489-7 V1.3.1(2005-11)
☐ EN 301 908-1 V3.2.1(2007-05)	☐ EN 301 489-9 V1.4.1(2007-11)
☐ EN 301 908-2 V3.2.1(2007-05)	☒ EN 301 489-17 V1.3.2(2008-04)
☐ EN 301 893 V1.4.1(2005-03)	☐ EN 301 489-24 V1.4.1(2007-09)
☐ EN 50360:2001	☐ EN 302 326-2 V1.2.2(2007-06)
☐ EN 50371:2002	☐ EN 302 326-3 V1.3.1(2007-09)
☐ EN 62311:2008	☐ EN 301 357-2 V1.3.1(2006-05)
☐ EN 50385:2002	

☒2006/95/EC-LVD Directive

☐ EN 60950-1:2001+A11:2004	☐ EN60065:2002+A1:2006
☐ EN 60950-1:2006	☒ EN 60950-1:2006+A11:2009

☒2009/125/EC-ErP Directive

Regulation (EC) No. 1275/2008	Regulation (EC) No. 278/2009
☒ EN 62301:2005	☒ EN 62301:2005
Regulation (EC) No. 642/2009	
☐ EN 62301:2005	

☒CE marking

(EC conformity marking)

Position : **CEO**

Name : **Jerry Shen**

Year to begin affixing CE marking:2010

Signature : _____