Asus E7574, ET1612I Series - All-in-One PC Manual

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Notices

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
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16 Charente	24 Dordogne	25 Doubs	26 Drôme
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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

Danger of explosion if RTC (Real Time Clock) battery is incorrectly replaced. It should be replaced only with the same or equivalent type by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Notes for this manual

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

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

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.

Package contents

Congratulations on your purchase of ASUS All-in-one PC ET1612I

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.

1. The keyboard, mouse, and power supply illustrations are for reference only. Actual product specifications may vary with territories.

2. Keyboard and mouse can be wired or wireless.

Getting to know your Device

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 microphone allows you to start video chats online.

2. Webcam LED
   Indicates that the built-in webcam is enabled.

3. LCD display (Touch-enabled)
   The 15.6-inch LCD display, with an optimal resolution of 1366 x 768, features touch function that brings digital life to your fingertips.

4. Power switch

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

5. LCD display switch

   The LCD display switch allows you to switch the display ON/OFF.

6. Stereo speakers

   The built-in stereo speakers deliver high-quality audio output.

7. Hard disk drive LED

   Indicates hard disk drive activity.

8. Wireless LAN LED

   Indicates that the internal wireless LAN is enabled. (Windows software settings are necessary to use the wireless LAN.)

9. Brightness controls

   The brightness controls adjust the screen brightness level.

10. Volume controls

    The volume controls adjust the sound level.

11. Microphone

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

Rear view

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

1. Microphone jack

   The microphone jack is designed to connect a microphone

used for video conferencing, voice narrations, or simple audio recordings.

2. 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.

3. USB 2.0 port
    The Universal Serial Bus (USB) port is compatible with USB devices such as keyboards, mouse devices, cameras, and hard disk drives.

4. Serial port
    These 9-pin serial ports (COM1/COM2) are for serial devices.

5. Display (Monitor) Output
    The 15-pin D-sub monitor port supports a standard VGA-compatible device such as a monitor or projector to allow viewing on a larger external display.

6. Kensington Lock port
    The Kensington lock port allows the computer to be secured using Kensington compatible security products. These security products usually include a metal cable and lock that prevent the computer to be removed from a fixed object.

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

8. Power input (DC 19V)
    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.

9. HDMI out port
   The HDMI (High Definition Multimedia Interface) port supports a Full-HD device such as an LCD TV or monitor to allow viewing on a larger external display.

Side view

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

1. USB 3.0 port
   These Universal Serial Bus 3.0 (USB 3.0) ports connect to USB 3.0 devices such as a mouse, printer, scanner, camera, and others.

2. Memory card reader
   The built-in memory card reader reads MMC/SD cards used in devices like digital cameras, MP3 players, mobile phones, and PDAs.

Using the touch screen

ASUS All-in-one PC brings digital life to your fingertips. With a few touches, you can make ASUS 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

Do not use sharp objects, such as scissors or ballpoint pens, on the touch screen. Dents and scratches will cause malfunction.

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 and the screen frame.

- Do not spray the cleaner directly on the screen.

- Do not use an abrasive cleaner or a coarse cloth when cleaning the screen.

Positioning your Device

Placing on the desktop

Place your ASUS All-in-one PC on a flat surface such as a table or desk, and pull the stand open until it snaps in place. Then, tilt the display panel to an angle of between 10 and 35 degrees from an upright position.

Installing the wall mount adapter

To mount your ASUS All-in-one PC to the wall, purchase an

optional wall mount adapter (160mm x 92mm) and a wall mount kit (pad and rack). Install the wall mount adapter according to the following instructions.

1. Remove the four screws beneath the hinge of the stand to release the stand. Keep the screws for future reinstallation.

2. Remove the four plastic caps, from the rear panel holes.

3. Secure the four wall mount screws(included) to the rear panel holes.

4. 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.

- The wall mount kit should comply with VESA 75 standards, which can be purchased separately.

- To ensure safety, please read the wall mount kit installation manual carefully before mounting your All-in-one PC to the wall.

Setting up your Device

Connecting the wired keyboard and mouse

Connect the keyboard to the USB port on the rear panel ( ). Then, connect the mouse to another USB port on the rear panel ( ).

Powering on the system

Connect the supplied AC adapter to the DC IN jack on the rear panel ( ) and then press the Power switch on the front panel ( ) to turn on the system.

Powering off

- To power off the LCD display, press the LCD display switch on the front panel.

- To put the system into suspend mode, press the Power switch on the front panel. 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.

Calibrating the screen

All-in-one PC comes with the following software tool that allows you to adjust touch screen precision.

1. From the Windows desktop, click Start > Control Panel >

Hardware and Sound > Tablet PC Settings and click Calibrate the screen for pen or touch input.

2. From the Display tab, click Calibrate.

3. To provide calibration samples, tap the crosshair each time that it appears on the screen.
   Right-click anywhere on the screen to return to the last calibration point. Press the Esc key on the keyboard to close the tool. Do not change your screen orientation until you have completed the calibration process.

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.

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.

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

TIP

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.

Recovering your system

Using the recovery 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 take down notes of any customized configuration settings (such as network settings).

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

1. Press [F9] during bootup.

2. Select Windows setup [EMS Enabled] when this item appears and press [Enter].

3. Select the language and click Next.

4. Select Recover the OS to the Default Partition and click Next.

5. The factory default partition will be displayed. Click Next.

6. Data on the default partition will be cleared. Click Recover to start the system recovery.

You will lose all your data during the system recovery. Make sure that you make a backup of it before recovering the system.

7. After system recovery is complete, click Reboot to restart the system.

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

1. Repeat the step 1–3 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 20GB. 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 has 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. Connect the USB storage device used for backing up the factory environment data.

2. Press <ESC> on bootup and the Please select boot device screen appears. Select USB: XXXXXX to boot from the connected USB storage device.

3. Select the language and click Next.

4. Select Restore and click Next.

5. 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.

6. 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.

7. When the restore is completed successfully, click Reboot to restart the system.

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

Safety information

Your ASUS All-in-one PC ET1612I 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.

Do not use sharp objects, such as scissors or ballpoint pens, on the touch screen. Dents and scratches will cause malfunction.

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.

Adapter

1. Adapter information (varies with the purchased model)
   - Input voltage: 100–240Vac

Input frequency: 50–60Hz

Rating output current: 40W (19V, 2.1A)

- Input voltage: 100–240Vac

  Input frequency: 50–60Hz

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

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.

Coating Notice

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.

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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.

Documents / Resources

References

ASUS Global

Arcep - Les réseaux comme bien commun | Arcep

Download manual

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

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Related Manuals for Asus E7574

Asus V241EA, V241EP - All-in-One PC Manual

(article)

Asus V221 Series - All-in-One PC Manual

(article)

Asus V222F Series - All-in-One PC Manual

(article)

Asus V241F - All-in-One PC Manual

(article)

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Et1611 series (38 pages)

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