

Quick Start

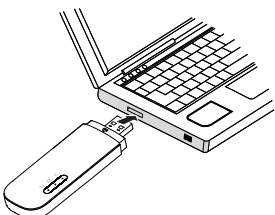
Thank you for choosing the LTE Wingle. The LTE Wingle allows you to access a wireless network at high speed.

Note:

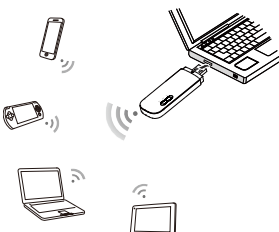
This guide briefly describes the appearance of the LTE Wingle and the procedures for using the LTE Wingle. For details about how to set the management parameters, see help information on the web management page.

Connection Scenarios

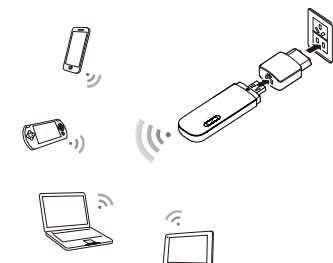
Scenario 1: One-device Internet access using computer



Scenario 2: Multi-device Internet access using Wi-Fi (connected to a computer)

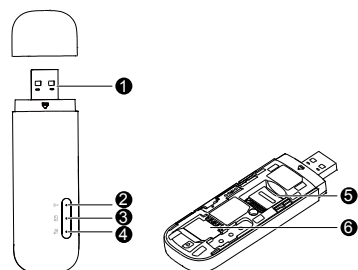


Scenario 3: Multi-device Internet access using Wi-Fi (connected to the power adapter)



Getting to Know Your LTE Wingle

The following figure shows the LTE Wingle. It is provided only for your reference. The actual product may be different.



① USB connector

It connects the LTE Wingle to a computer.

② Wi-Fi indicator

It indicates the status of a Wi-Fi network.

- Steady green: A Wi-Fi connection is set up.
- Off: The Wi-Fi function is turned off or fails, or the LTE Wingle has been removed.

③ SMS indicator

It indicates the status of an SMS.

- Steady green: There are unread messages in your inbox.
- Blinking green once every 2s: The message storage is full.
- Off: The LTE Wingle is powered off, there are no unread messages.

④ 2G/3G/LTE indicator

It indicates the LTE Wingle's status.

- Blinking green twice every 2s: The LTE Wingle is powered on.
- Blinking green once every 0.2s: The software of the LTE Wingle is being upgraded.
- Blinking green once every 2s: The LTE Wingle is registered with a 2G network.
- Steady green: The LTE Wingle is connected to a 2G network.
- Blinking blue once every 2s: The LTE Wingle is registered with a 3G network.
- Steady blue: The LTE Wingle is connected to a 3G network.
- Blinking cyan once every 2s: The LTE Wingle is registered with a LTE network.
- Steady cyan: The LTE Wingle is connected to a 3G+/LTE network.
- Off: The LTE Wingle is removed.

⑤ microSD card slot

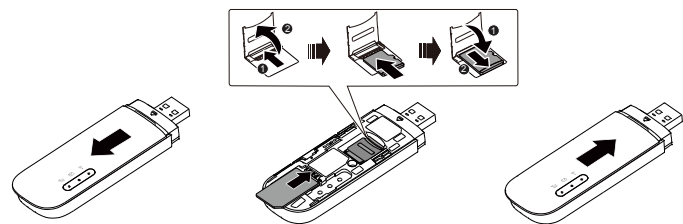
It holds a microSD card.

⑥ SIM card slot

It holds a Subscriber Identity Module (SIM) card.

Getting Started

1. Slide the cover to remove it from the LTE Wingle.
2. Insert the SIM card and the microSD card into the corresponding card slots, as shown in the following figure.
3. Replace the cover and slide it into place.



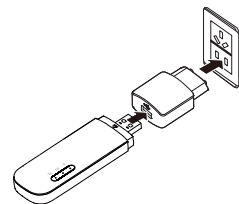
Note:

- The microSD card is an optional accessory. If it is not provided in the package, you can buy one yourself.
- Ensure that the beveled edge of the SIM card is properly aligned with that of the SIM card slot and the microSD card is inserted according to the direction as labeled on the microSD card slot.
- Do not remove the microSD or SIM card when the card is in use. Otherwise, the card as well as your LTE Wingle may get damaged and the data stored on the card may be corrupted.
- Do not use any SIM card that is not standard or is incompatible with the LTE Wingle. Otherwise, the card as well as your LTE Wingle may get damaged and the data stored on the card may be corrupted.



Using the Power Adapter

Connect the LTE Wingle to the power adapter's USB port, and connect the power adapter to a power outlet.



Note:

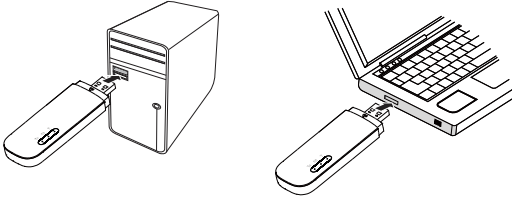
- Only use power adapters compatible with the LTE Wingle and provided by a designated manufacturer (HW-050100xxW: The first x represents U, E, B, A, or J, depending on your region. The second x represents generation number.). For details about the specific adapter model, contact an authorized dealer. Use of an incompatible power adapter or one from an unknown manufacturer may cause the LTE Wingle to malfunction, fail, or could even cause a fire. Such use voids all warranties, whether expressed or implied, on the product.
- The power adapter is an optional accessory. If it is not included in the product package, purchase one separately.

Using Your LTE Wingle

The procedure for installing the management program depends on your computer's operating system. The following sections are based on Windows 7.

Connecting to a Network

1. Connect the LTE Wingle to one of your computer's USB ports.



The installation wizard runs automatically.

2. When the installation is complete, the LTE Wingle's web management page is displayed and the LTE Wingle connects to the network automatically.

Note:

- If the installation wizard does not run automatically, find the **AutoRun.exe** file in the driver path, and double-click the file to run it.
- The default user name and password of the web management page are **admin**.
- If your SIM card's personal identification number (PIN) verification function is enabled, log in to the web management page, and enter and save the PIN.
- If you are not using the default access point name (APN), log in to the web management page, and configure and save the APN settings on the dial-up settings tab.
- When using the LTE Wingle to access a network, do not use other devices to access the network, because doing so may cause conflicts.
- If you are not connected to the network, access <http://192.168.8.1> to check the device status.
- If you cannot access <http://192.168.8.1>, disconnect other network connections, such as an Ethernet or Wireless Fidelity (Wi-Fi) connection, remove and then insert the LTE Wingle, or restart the computer.

Disconnecting from a Network

Remove the LTE Wingle from your computer.

Note:

- By default, the LTE Wingle automatically disconnects from the network if no data is transferred within 10 minutes.
- If you do not need to connect to the network, it is recommended that you remove the LTE Wingle from your computer to reduce data traffic.
- Disconnect the LTE Wingle's data connection through its web management page or the Mobile Wi-Fi application. Before you remove the LTE Wingle, make sure that the data connection has been disconnected.

Setting Up a Wi-Fi Connection

1. Ensure that the LTE Wingle's Wi-Fi function is on.
2. Select **Start > Control Panel > Network and Internet > Network and Sharing Center > Connect to a network**.

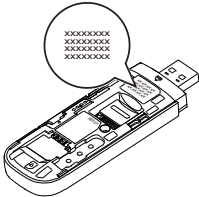
Note:

Before establishing a Wi-Fi connection, ensure that the computer is equipped with a wireless network adapter. If the computer indicates a wireless network connection, the wireless network adapter can be used. Otherwise, verify that your wireless network adapter is working properly.

3. Select the wireless network connection with the LTE Wingle's SSID and click **Connect**.

Note:

- If a security mechanism is enabled for the wireless network connection, enter the correct network key.
- The SSID and the network key are printed on the LTE Wingle, as shown in the following figure.



4. Wait until a wireless network connection icon is displayed in the lower right corner of the computer screen. A wireless network connection is set up.

Accessing the Internet

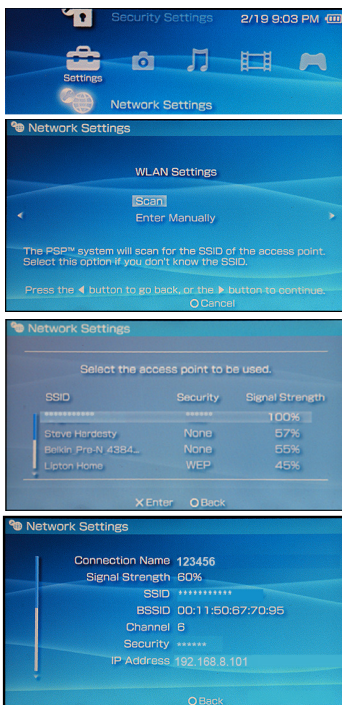
You can access the Internet after a connection between your LTE Wingle and Wi-Fi device is set up.

Note:

By default, the LTE Wingle automatically disconnects from the Internet when you are roaming.

Example 1: Connecting to a Game Console (for example, PSP) through Wi-Fi

1. On the PSP, turn on the WLAN.
2. Choose **Settings > Network Settings**.
3. Select **Infrastructure Mode**.
4. Select **New Connection**, and enter the connection name.
5. Select **Scan** to search for wireless networks. A list of access points will be displayed on the screen.
6. Select the access point with the LTE Wingle's SSID, and press the ► button on the PSP. Confirm the SSID, and enter the correct wireless network encryption key.
7. Press the ► button to proceed to the next step, and then press the X button to save settings.
8. Select **Test Connection** to test whether the network connection is successful.
9. You can now open the browser and access the network.



Example 2: Connecting to a Tablet Computer (for example, iPad) through Wi-Fi

1. Touch **Settings > WLAN** to turn on WLAN.
2. The tablet computer automatically searches for wireless connections and displays a list of access points.
3. Select the access point with the LTE Wingle's SSID.
4. If required, enter the correct wireless network encryption key, and tap **Join**. (The lock icon indicates that the encryption key is required to connect to this wireless network.)



Note:

Wi-Fi devices, such as an iPhone, iPod touch, PS3 and NDSi, can all access the Internet through the LTE Wingle. For specific operations, refer to the Wi-Fi device's user manual.

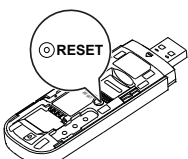
Viewing Service Information

Visit <http://192.168.8.1> to view your service information.

Restoring Factory Defaults

If you are uncertain of which settings you have configured or changed, you can restore the factory defaults that come with the LTE Wingle, and reconfigure the device.

To restore the factory defaults, connect the LTE Wingle to a computer or a power outlet, and press and hold the RESET button for 2 seconds.



Note:

Restoring factory defaults deletes all the device's user-defined settings and restores all the settings on the web management page to their defaults.

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Privacy Policy

To better understand how we protect your personal information, please see the privacy policy at <http://consumer.huawei.com/privacy-policy>.

Safety information

This section contains important information about the operation of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

Electronic device

Do not use your device if using the device is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices.

Interference with medical equipment

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If using a pacemaker, hold the device on the side opposite the pacemaker and do not carry the device in your front pocket.

Areas with flammables and explosives

- Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in containers with flammable liquids, gases, or explosives.

Traffic security

- Observe local laws and regulations while using the device. To reduce the risk of accidents, do not use your wireless device while driving.
- Concentrate on driving. Your first responsibility is to drive safely.
- RF signals may affect the electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- Do not place the device over the air bag or in the air bag deployment area in a motor vehicle. Doing so may hurt you because of the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft or immediately before boarding. Using wireless devices in an aircraft may disrupt wireless networks, present a hazard to aircraft operation, or be illegal.

Operating environment

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using the device in these environments may result in circuit malfunctions.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.
- Ideal operating temperatures are -10°C to +40°C. Ideal storage temperatures are -20°C to +70°C. Extreme heat or cold may damage your device or accessories.
- Keep the device and accessories in a well-ventilated and cool area away from direct sunlight. Do not enclose or cover your device with towels or other objects. Do not place the device in a container with poor heat dissipation, such as a box or bag.
- Do not expose your device to direct sunlight (such as on a car dashboard) for prolonged periods.
- To protect your device or accessories from fire or electrical shock hazards, avoid rain and moisture.
- Keep the device away from sources of heat and fire, such as a heater, microwave oven, stove, water heater, radiator, or candle.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- Do not touch the device's antenna. Otherwise, communication quality may be reduced.
- Do not allow children or pets to bite or suck the device or accessories. Doing so may result in damage or explosion.
- Observe local laws and regulations, and respect the privacy and legal rights of others.

Child's safety

- Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.
- The device and its accessories are not intended for use by children. Children should only use the device with adult supervision.

Accessories

- Using an unapproved or incompatible power adapter, charger or battery may cause fire, explosion or other hazards.
- Choose only accessories approved for use with this model by the device manufacturer. The use of any other types of accessories may void the warranty, may violate local regulations and laws, and may be dangerous. Please contact your retailer for information about the availability of approved accessories in your area.

Power adapter safety

- The power plug is intended to serve as a disconnect device.
- For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible.
- Unplug the power adapter from electrical outlets and the device when not in use.
- Do not drop or cause an impact to the power adapter. If it is damaged, take it to an authorized service center for inspection.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire.
- Do not touch the power cord with wet hands or pull the power cord to disconnect the power adapter.
- Do not touch the device or the power adapter with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- If your power adapter has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.
- Ensure that the power adapter meets the requirements of Clause 2.5 in IEC60950-1/EN60950-1/UL60950-1 and has been tested and approved according to national or local standards.

Cleaning and maintenance

- Keep the device and accessories dry. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer.
- Do not expose your device or accessories to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion.
- Avoid collision, which may lead to device malfunctions, overheating, fire, or explosion.
- Before you clean or maintain the device, stop using it, stop all applications, and disconnect all cables connected to it.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or accessories. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and accessories.
- Do not place magnetic stripe cards, such as credit cards and phone cards, near the device for extended periods of time. Otherwise the magnetic stripe cards may be damaged.
- Do not dismantle or remanufacture the device and its accessories. This voids the warranty and releases the manufacturer from liability for damage. In case of damage, contact an authorized service center for assistance or repair.

Environmental protection

- The device and its accessories (if included), such as the power adapter, headset, and battery should not be disposed of with household garbage.
- Disposal of the device and its accessories is subject to local regulations. Support proper collection and recycling.

FCC Regulatory Compliance

RF exposure requirements

Important safety information regarding radio frequency (RF) radiation exposure: RF exposure guidelines require that the device be used at a minimum of 0.5 cm from the human body. Failure to observe this guideline may result in RF exposure exceeding limits.

Certification information (SAR)

This device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).

The SAR limit adopted by the USA is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type complies with this limit.

FCC statement

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 the 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 into 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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

Industry Canada compliance

RF exposure requirements

Important safety information regarding radio frequency (RF) radiation exposure: RF exposure guidelines require that the device be used at a minimum of 0.5 cm from the human body. Failure to observe this guideline may result in RF exposure exceeding limits.

Certification information (SAR)

This device is also designed to meet the requirements for exposure to radio waves established by the Industry Canada.

The SAR limit adopted by Canada is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the IC for this device type complies with this limit.

IC Statement

This device complies with CAN ICES-3 (B)/NMB-3(B).

This device complies with Industry Canada licence-exempt RSS standard(s).

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

Conformité de l'Industrie Canada

Exigences RF en matière d'exposition

Informations de sécurité importantes concernant l'exposition aux radiofréquences (RF) :

Les directives d'exposition RF exigent que l'appareil soit utilisé à une distance minimum de 0.5 cm du corps humain. Le non-respect de cette directive peut entraîner une exposition RF dépassant les limites.

Informations de certification (DAS)

Cet appareil est également conçu pour répondre aux exigences d'exposition aux ondes radio établies par l'Industrie Canada.

La limite DAS adoptée par le Canada est de 1,6 W/kg sur 1 gramme de tissu. La valeur DAS la plus élevée signalée à l'IC pour ce type d'appareil est conforme à cette limite.

Déclaration de l'IC

Cet appareil est conforme à la norme CAN ICES-3 (B)/NMB-3(B).

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Please visit <http://consumer.huawei.com/en/support/hotline> for recently updated hotline and email address in your country or region.