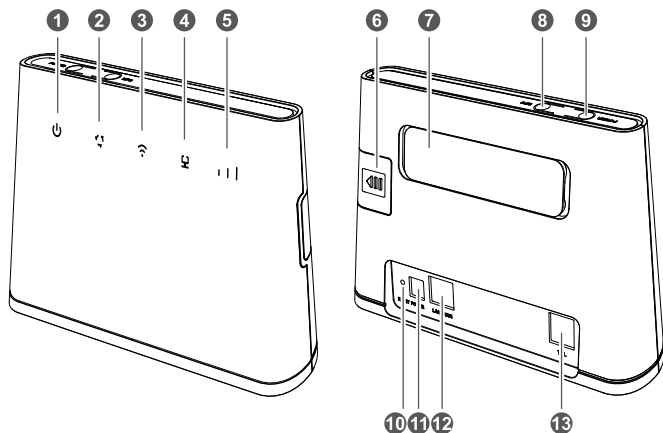


B310 LTE CPE

Quick Start



1 Getting to know your B310



1



Power indicator

- On: the B310 is powered on.
- Off: the B310 is powered off.

2



Network mode indicator

- Steady cyan: connected to an LTE network.
- Steady blue: connected to a 3G network.
- Steady yellow: connected to a 2G network.
- Steady green: connected to an Ethernet network.
- Steady red:
 - The SIM card is not recognized, the PIN has not been entered, or the PIN verification failed.
 - Failed to connect to a mobile network or an Ethernet network.

3	 Wi-Fi/WPS indicator	● Steady on: Wi-Fi turned on. ● Blinking: a WPS connection is being set up. ● Off: Wi-Fi turned off.
4	 LAN/WAN indicator	● Steady on: LAN/WAN port is connected to a LAN device or an Ethernet port. ● Blinking: data is being transmitted through the LAN/WAN port. ● Off: LAN/WAN port is not connected to a LAN device or an Ethernet port.
5	 Signal strength indicator	● On: signal reception available (more bars mean better reception). ● Off: no reception.
6	SIM card slot	Install a standard SIM card to access the Internet via an LTE/3G/2G data connection.
7	External antenna port	Connect to external antenna after remove the cover.
8	WPS button	Press and hold for 2 or more seconds until  is blinking to active WPS connection when Wi-Fi is turned on.
9	Power button	Press and hold for about 3 seconds to power the B310 on or off.
10	Reset button	 Restoring the default settings of the B310 will erase all previous settings. When the B310 is powered on, use a sharply pointed object to press and hold for about 3 seconds until  indicator is blinking to restore the B310 to its factory settings. After the factory defaults are restored, the B310 will restart automatically.
11	Power port	Connect to compatible power adapter.
12	LAN/WAN port	● Working as a LAN port when connected to a computer, switch, or other LAN device. ● Working as a WAN port when connected to an Ethernet port on the wall.

13

Telephone port

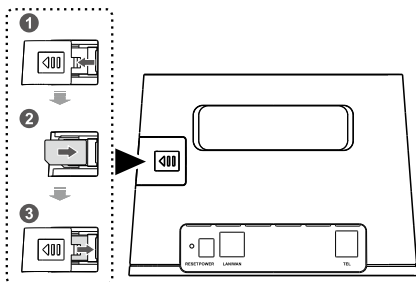
Connect to a telephone.

2 Installation

Scenario 1: Accessing the Internet using an LTE, 3G, or 2G network

Step 1: Installing the SIM card

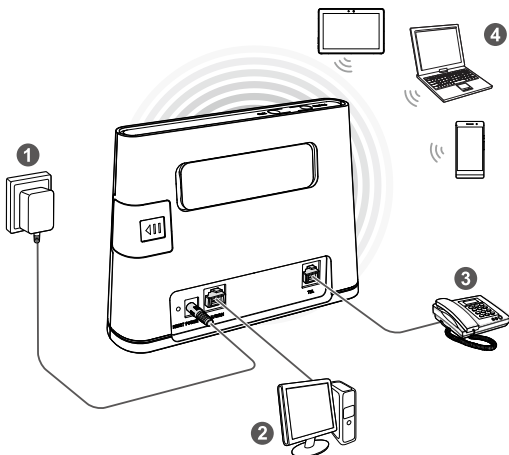
1. Slide off the card slot cover.
2. Insert the SIM card into the card slot. Ensure that the beveled edge of the SIM card aligns with that of the card slot.
3. Close the card slot cover.



i Do not remove the SIM card when it is in use. Doing so will affect the performance of your B310 and data stored on the SIM card may be lost.

Step 2: Connecting cables

- i** To prevent interference caused by radio signals, place the B310 at least 1 meter (3.28 feet) away from telephone and other electrical devices.
- The B310's power adapter model is HW-120100XYW. X and Y represent letters or numbers that vary by region. For details about the specific adapter model, contact an authorized dealer.



Once connected to a power outlet, the B310 automatically powers on.

1	Power adapter	2	Computer
3	Telephone	4	Laptop, tablet, or smart phone

! Do not connect the B310 to the telephone wall outlet (or any Public Switched Telephone Network), because doing so could damage the B310 due to excessive heat.

Optional: Installing the external antenna

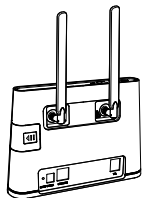
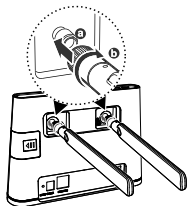
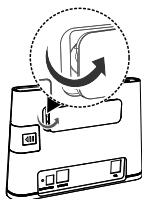
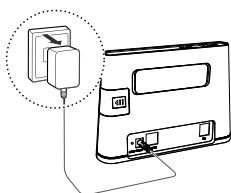
i The external antenna is an optional accessory, and may not be included in the packaging box. If required, please contact your local dealer to purchase it.



- Before installing the external antenna, ensure that the B310 is powered off and disconnected from the power outlet.
- Only use the external antenna indoors, and do not use it during thunderstorm.
- Do not change another unexpected antenna unless manufacturer provide.
- To comply with FCC regulations limiting both RF output power and human exposure to RF radiation, the maximum antenna gain including cable loss in exposure condition must not exceed 3 dBi in PCS band, 4 dBi in AWS-1 band, 3 dBi in CELL band, and 4 dBi in LTE band 7.

In areas with poor reception, connect external antenna to the B310's external antenna port to improve signal reception.

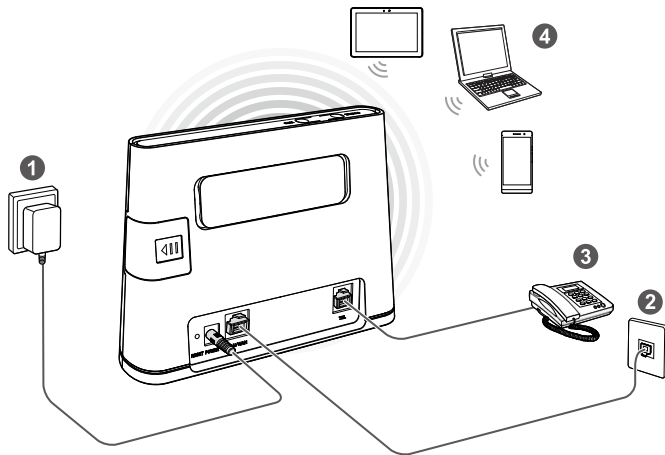
1. Power off the B310 and disconnect it from the power outlet.
2. Remove the cover from the antenna port. (Keep it in a safe place.)
3. Screw external antenna fully into the antenna port.
4. Keep external antenna upward to get better signal.



Scenario 2: Accessing the Internet using Ethernet

Connect the B310 to a wall-mounted Ethernet port or an ADSL modem for Internet access.

- i** To prevent interference caused by radio signals, place the B310 at least 1 meter (3.28 feet) away from telephone and other electrical devices.
- The B310's power adapter model is HW-120100XYW. X and Y represent letters or numbers that vary by region. For details about the specific adapter model, contact an authorized dealer.



Once connected to a power outlet, the B310 automatically powers on.

- | | | | |
|----------|---------------|----------|--------------------------------|
| 1 | Power adapter | 2 | Ethernet port on the wall |
| 3 | Telephone | 4 | Laptop, tablet, or smart phone |

! Do not connect the B310 to the telephone wall outlet (or any Public Switched Telephone Network), because doing so could damage the B310 due to excessive heat.

3 Setting up a Wi-Fi connection

i Make sure your client (computer, tablet, or smart phone) also supports Wi-Fi.

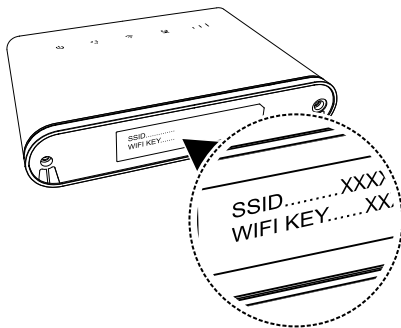
Step 1: Enabling Wi-Fi on the B310

When the  indicator is steady on, the Wi-Fi function of the B310 is turned on.

i For details about how to manually enable or disable the Wi-Fi function, refer to the WLAN settings section of the help information on the web management page.

Step 2: Recording the SSID and Wi-Fi key

The default SSID and Wi-Fi key are printed on the B310's bottom label.



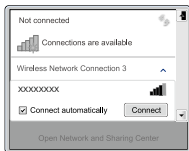
i To prevent unauthorized parties from accessing your Wi-Fi network, it is recommended that you change the SSID and Wi-Fi key from time to time. For details, see the help information on the web management page.

Step 3: Setting up a Wi-Fi connection on your client

• Method 1: Setting up a Wi-Fi connection manually

1. From your Wi-Fi enabled client, scan for wireless networks in your area.
2. Connect to the network name that matches the SSID found on the device label.
3. When prompted for password, enter the Wi-Fi Key found on the device label. (The Wi-Fi key is case sensitive.) Your client will notify you when it is connected.

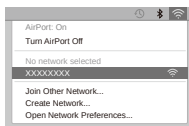
Windows 7



Windows 8



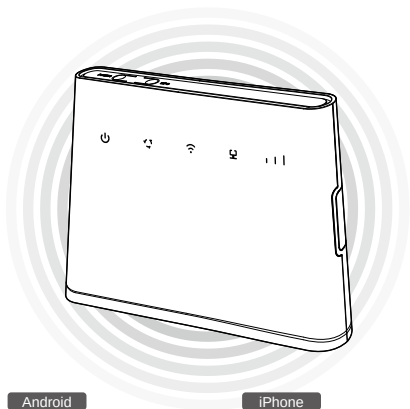
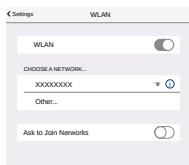
Mac



Android



iPhone



● Method 2: Setting up a Wi-Fi connection through WPS

If the client supports WPS, you can set up a WPS connection as follows:

1. Ensure that Wi-Fi is enabled on the client.
2. Press and hold the WPS button for 2 or more seconds. The  indicator then starts blinking.
3. Activate the WPS connection on the client in 2 minutes.



For instructions about how to enable a WPS connection on your device, see the device's user guide.

4 Configuring your B310

1. After a client is connected to the B310 through Wi-Fi or LAN port, launch a browser on the client and visit **http://192.168.8.1**.
 2. Enter the user name (**admin** by default) and password (**admin** by default) to log in to the web management page.
 3. Follow the quick setup wizard to check or set network connection parameters step by step. For details, see the help information on the web management page.
- To protect your account, change the password after your first login. For details, see the help information on the web management page.
 - If you modify the SSID and Wi-Fi key, you must set up the Wi-Fi connection on the client again.

Once you are done, try opening a web page on the client to verify whether you have Internet access.

5 For more help

If you are experiencing any issues with the B310:

- Restart the B310.
- See the help information on the web management page.
- Restore the B310 to its factory settings.
- Contact your service provider.

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



Figures in this guide are for your reference only. Specific models may vary slightly, contact your service provider for more detailed information.

6 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.

Operating environment

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using the device in these environments may result in circuit malfunctions.
- Before connecting and disconnecting cables, stop using the device and disconnect it from the power supply. Ensure that your hands are dry during operation.
- Place the device on a stable surface.
- Keep the device away from electronic appliances that generate strong magnetic or electric fields, such as a microwave oven or refrigerator.
- During thunderstorms, power off your device and remove all cables connected to it to protect against lightning strikes.
- Do not use your device during thunderstorms to protect your device against any

danger caused by lightning.

- Ideal operating temperatures are 0°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.
- 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.
- Do not place any object, such as a candle or a water container, on the device. If any foreign object or liquid enters the device, immediately stop using it, power it off, and remove all cables connected to it. Then, contact an authorized service center.
- Do not block device openings. Reserve a minimum of 10 cm around the device to dissipate heat.
- 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.
- The device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
- Keep the device in a place with good reception. The distance between the device and other metal materials (such as metal brackets or metal doors and windows) should be greater than 25 cm and the distance between the device should be greater than 30 cm.

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

- During storage, transportation, and operation of the device, keep it dry and protect it from collision.
- 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.
- If the device is not going to be used for an extended period of time, power it off, and remove all cables connected to it.
- If anything unusual occurs (for example, if the device emits smoke or any unusual sound or smell), immediately stop using it, power it off, remove all cables connected to it, and contact an authorized service center.
- Do not trample, pull, or excessively bend any cable. Doing so may damage the cable,

causing the device to malfunction.

- 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.

Emergency calls

The availability of emergency calls is subject to your cellular network quality, service provider policy, and local laws and regulations. Never rely solely on your device for critical communications like medical emergencies.

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

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.

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