

LTE IndoorCPE Quick Start Guide

FCC ID: 2APNR-GW631Q

Issue 01

Date 2017-9

Welcome to the LTE CPE

This document will serve as a quick start guide for LTE indoor device. In this document, the LTE CPE will be replaced by the CPE. Carefully read the following safety symbols to help you use your CPE safely and correctly.



Additional information



Optional methods or shortcuts for an action



Potential problems or conventions that need to be specified

Package Contents

Please check the package contents before installation:

- LTE CPE
- Power adapter
- Ethernet cable
- Quick Start Guide
- Licenses



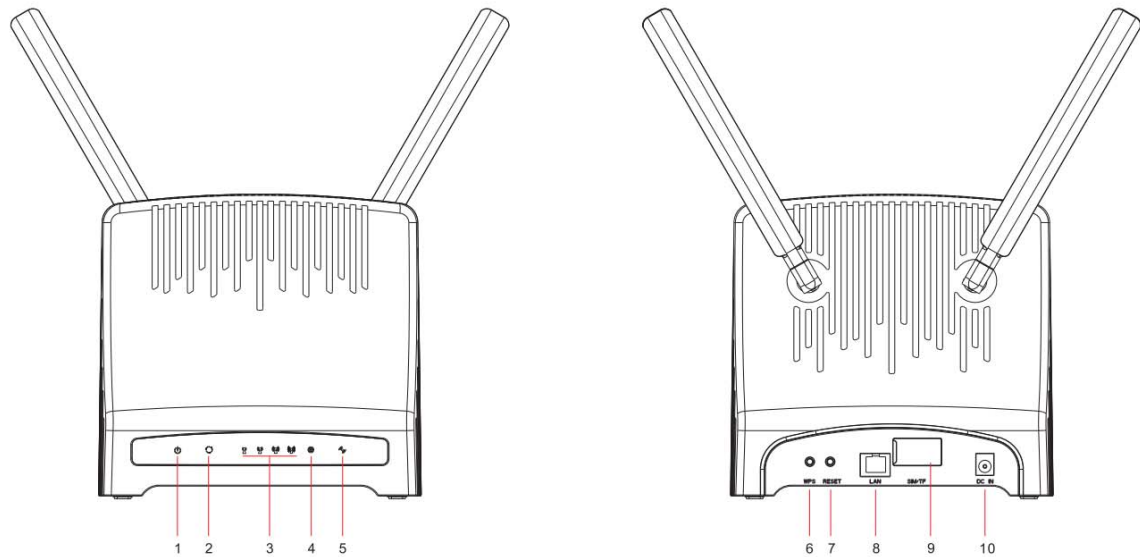
If you find any missing or damaged, please contact your local vendor.

Getting Started



The figures provided in this document are just for reference only, please prevail in kind.

Equipment appearance



1	POWER Indicator	5	WPS/Wi-Fi Indicator	9	SIM Card Slot
2	SIM Indicator	6	WPS Button	10	Power Port
3	LTE Indicator	7	Reset Button		
4	Internet Indicator	8	LAN Port		

LED Indication

LED Indicator	LED State	Description
Power	On	Power supply normal
	Off	No power supply
WPS/Wi-Fi	On	Wi-Fi is enabled
	Off	Wi-Fi is disabled
	Blink(1 /second)	WPS is enabled
	Blink(2 /second)	Data is being transmitted
LTE	On	In LTE network
	Off	No access in LTE network
	Blink	LTE scan, connect, complete LTE connectivity.
Signal	On	Indictor LTE signal Strength.
	Off	No LTE signal
SIM	On	SIM card is normal
	Off	The SIM card is out of order
	Blink	The SIM card is PIN locked

Set up the hardware

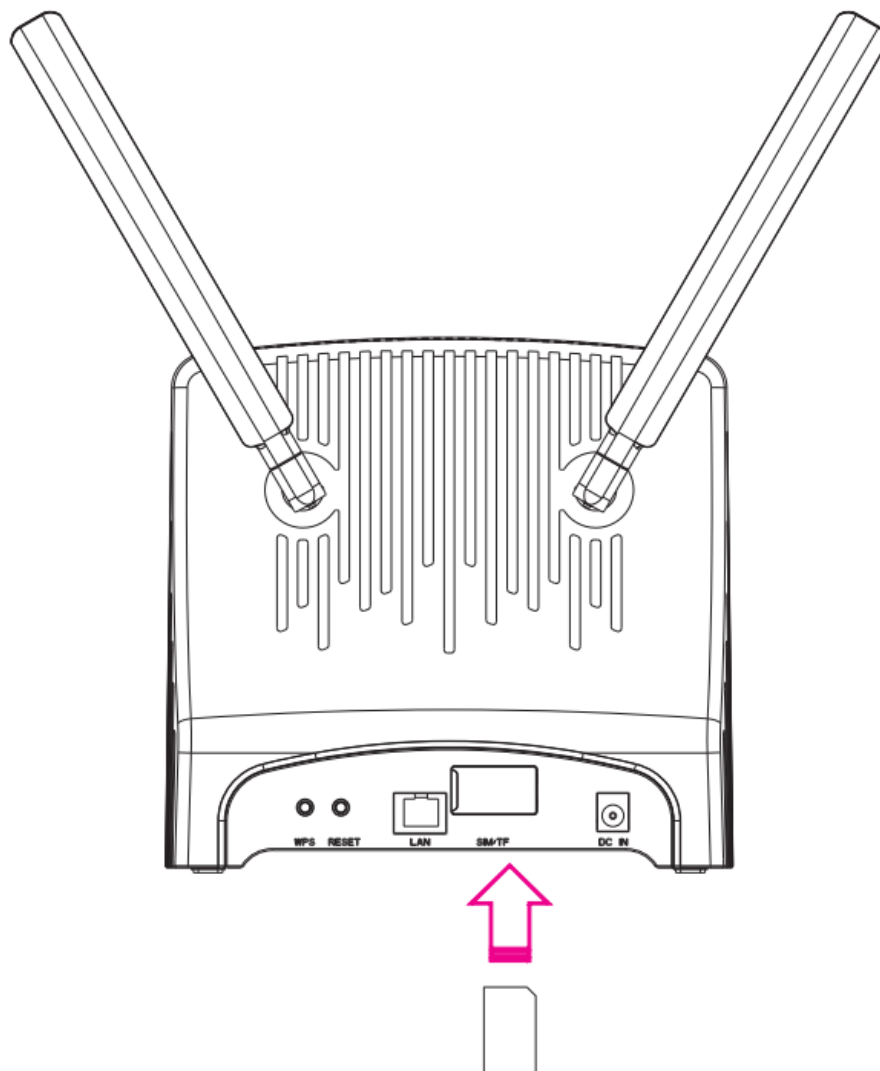
Insert SIM Card



Make sure the CPE is turned off before you insert or remove your SIM card.

Otherwise, the CPE and SIM card may be damaged.

Please insert your SIM card as following:



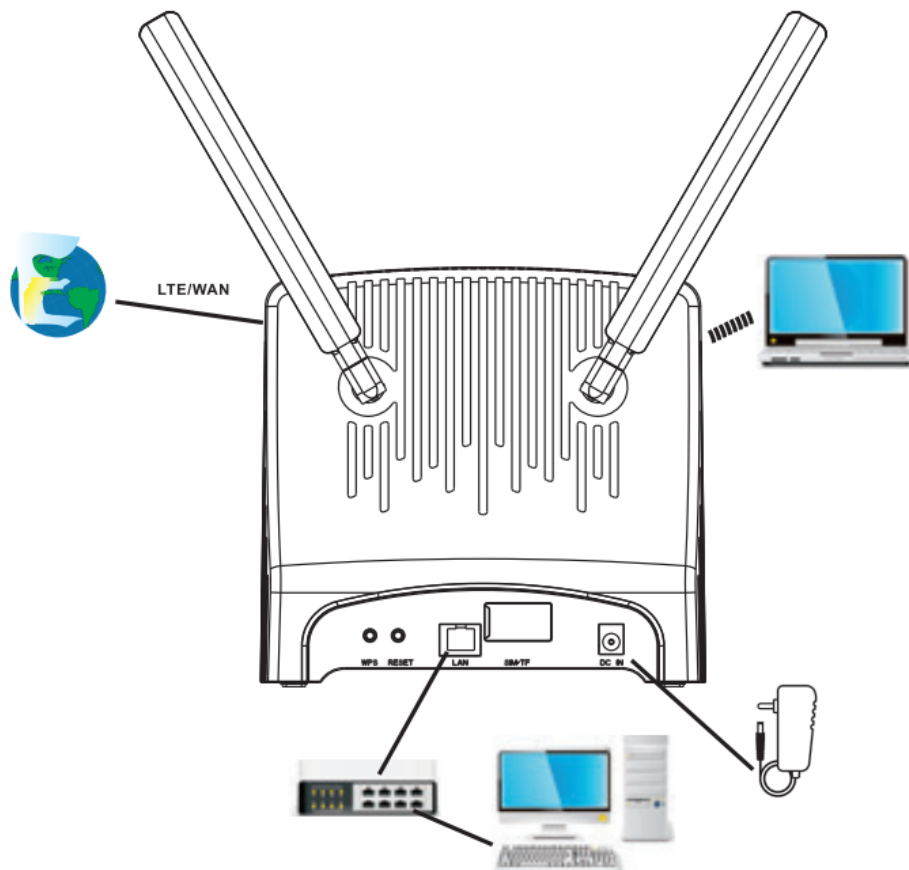
NOTE

If you want to remove the SIM card, please lightly press the SIM card, the SIM card will pop out.

Hardware Connection



The figure is just for reference only, please connect the hardware according to your requirements.



Step 1 Connect the supplied power adapter to the CPE.

Step 2 Connect other devices.

- You can connect your computer or classic Switch via Ethernet cable to LAN port.
- You can connect your laptop via Wi-Fi.

Step 3 Power on CPE.



Please install the external antenna before you power on the CPE. And when you are using the CPE, you can adjust the position and direction of CPE to get stronger LTE signal, you can judge from the LTE signal LED indication.

Set Up CPE

Logging in to the Web Management Page

Use a browser to log in to the web management page to configure and manage the CPE.

The following procedure describes how to use a computer running Windows 7 and Internet Explorer to log in to the web management page of CPE.

Step 1 Connect the CPE properly.

Step 2 Launch Internet Explorer, enters <http://192.168.0.1> in the address bar, and presses Enter.

Step 3 Enter the user name and password, and click Log In.

You can log in to the web management page after the password is verified.

LTE Setting

Step 1 Connect the CPE properly.

Step 2 Log in to the web management page.

Step 3 Chose Network→LTE Setting.

Step 4 Set Connect Mode and Scan mode.

LTE Settings

Module Information

Module Model	GDM7243
Module Version	MG6_0.3.1.4_V0.7-IDU-standard
IMEI	860524031727348
IMSI	460680004200068

Settings

Status	Connected
Connect Method	Auto ▼



The default configuration are auto connect and scan full band, if you want to connect the LTE network accord your requirement, you can set the connect mode as manual, and just scan some specified band.

Wi-Fi Setting

Step 1 Connect the CPE properly.

Step 2 Log in to the web management page.

Step 3 Chose Wi-Fi→WLAN Setting.

Step 4 In the General Settings area, set Wi-Fi to Enable, or enable Wi-Fi with Wi-Fi button.

Step 5 In the Setting area, modify the SSID, such as “WF831_138A”.

Step 6 To ensure your data safety, it is recommended that you change the default Wi-Fi password.

Step 7 Click Submit to save the configuration.

WLAN Settings

General Settings

WLAN	☒ Enable
Mode	802.11b/g/n(Auto) ▼
Channel	Auto ▼

SSID Profile

SSID	WF831_138A *
Maximum number of devices	8 ▼
Hide SSID broadcast	☐ Enable
AP isolation	☐ Enable
Security	WPA-PSK&WPA2-PSK ▼
WPA encryption	TKIP&AES ▼
Show password	☐ Enable
Password	•••••••• *

FAQs

The POWER indicator does not turn on.

- Make sure that the power cable is connected properly and the CPE is powered on.
- Make sure that the power adapter is compatible with the CPE.

Fails to Log in the web management page.

- Make sure that the CPE is started.
- Verify that the CPE is correctly connected to the computer through Wi-Fi or a network cable.

If the problem persists, contact authorized local service suppliers.

The CPE fails to search for the wireless network.

- Check that the power adapter is connected properly.
- Check that the CPE is placed in an open area that is far away from obstructions, such as concrete or wooden walls.
- Check that the CPE is placed far away from household electrical appliances that generate strong electromagnetic field, such as microwave ovens, refrigerators, and satellite dishes.

If the problem persists, contact authorized local service suppliers.

The power adapter of the CPE is overheated.

- The CPE will be overheated after being used for a long time. Therefore, power off the CPE when you are not using it.
- Check that the CPE is properly ventilated and shielded from direct sunlight.

The parameters are restored to default values.

- If the CPE powers off unexpectedly while being configured, the parameters may be restored to the default settings.
- After configuring the parameters, download the configuration file to quickly restore the CPE to the desired settings.

FCC Regulations:

- 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.
- 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.
- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF Exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas

used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.