

# Vodafone GigaCube

## Quick Start Guide



# Before you get started

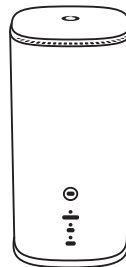
## Location of the GigaCube

Where you place the GigaCube can affect the strength of your signal. Please try to place your GigaCube near a window to ensure your device can get the best signal.

## Most common causes for reduction of signal strength

Things that can weaken the transmission of wireless signals include concrete or wooden walls, electrical appliances (e.g. microwaves and refrigerators) and satellite antennas. Please place your GigaCube away from such appliances.

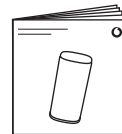
# What's included in your box



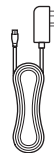
Vodafone  
GigaCube



Welcome  
card



Quick Start Guide  
and Product  
Safety Information

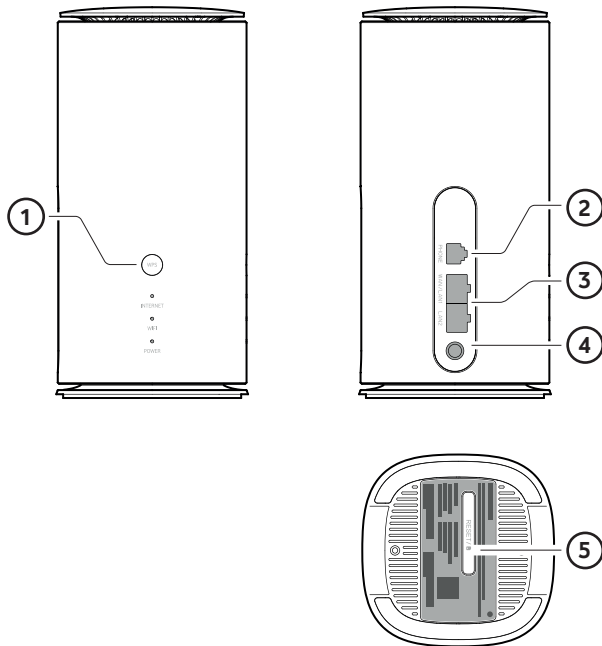


Power  
adapter

## Important

- Only use the power adapter provided in this box
- Unapproved power adapters could cause damage to the device

# Device overview



## 1 WPS BUTTON

Press this button to activate the WPS function.

## 2 Phone port

Connect to a telephone. \*

## 3 LAN ports

WAN/LAN1 port (2.5G): Connect to a PC.

LAN2 port (1G): Connect to a PC.

## 4 Power port

Connect to the power adapter.

## 5 NanoSIM slot and reset hole

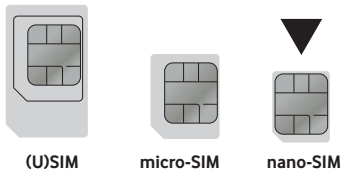
Insert your nanoSIM card.

Reset hole: Press and hold for about 3 seconds to restore your device to the factory settings.

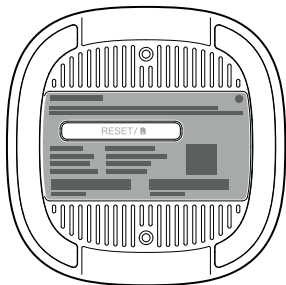
\* This service might not be included in your plan.

# 1. Getting started

- A valid nano-SIM card.

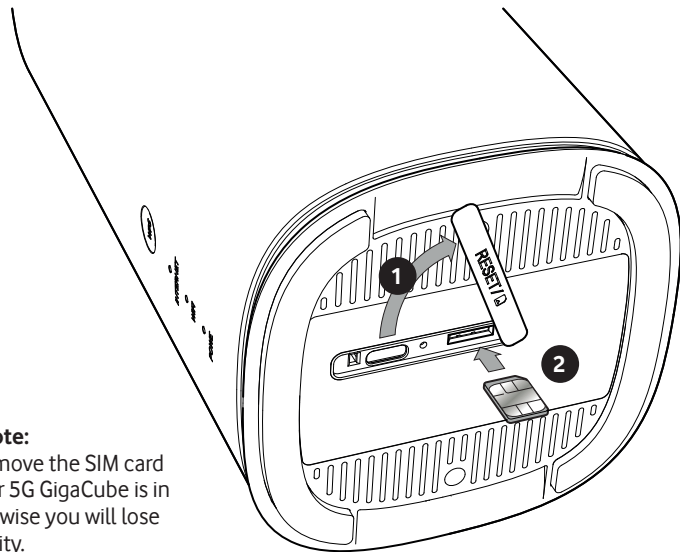


- View the label on your device to get the default information. The following figure is for your reference only.



# 2. Insert the nanoSIM card

Open the slot cover at the bottom of the device and insert the nanoSIM card oriented correctly into the slot.

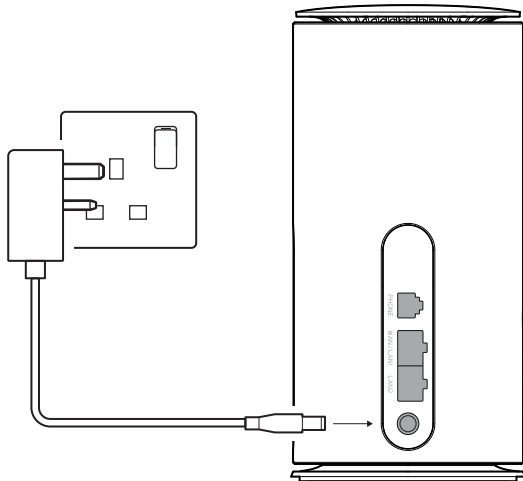


## Please note:

Do not remove the SIM card when your 5G GigaCube is in use, otherwise you will lose connectivity.

## 3. Power on your device

Follow the illustration to plug in the power adapter.  
Once connected to a power outlet, your 5G GigaCube will automatically power on. Indicator lights will turn on when 5G GigaCube has successfully connected to a network.



## Indicator lights

### 1 Power LED

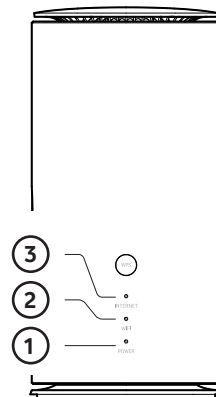
- (Solid white) Power is on and external power supply is working normally.
- (Off) Power is off.

### 2 WiFi LED

- (Solid white) WiFi works normally.
- (Blinking white): WPS is in progress.
- (Off) WiFi is off.

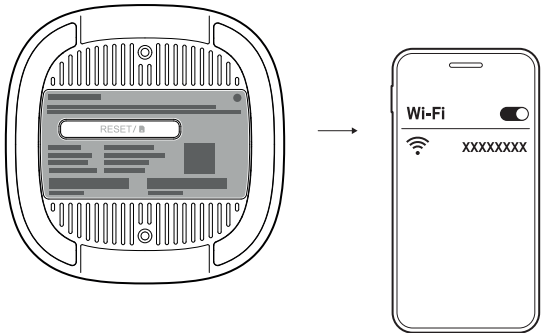
### 3 Internet LED

- (Solid red) The device is in error status.
  - The device is not registered to the mobile network.
  - There is no nanoSIM card inserted.
  - There is no network service available.
- (Solid blue): The device is registered to the 4G/3G mobile network.
- (Solid white): The device is registered to the 5G mobile network



## 4. Access the internet

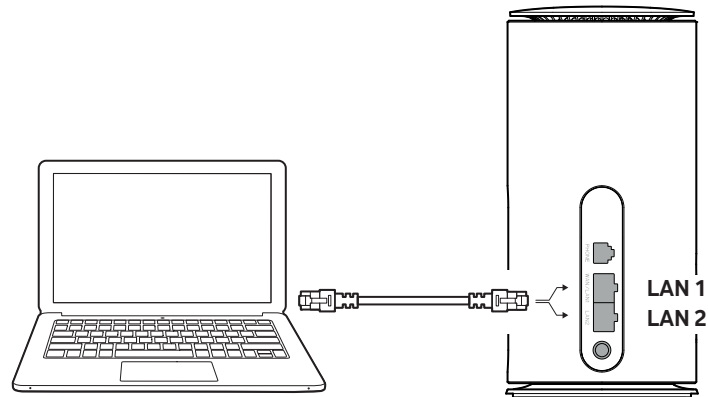
WiFi: Obtain the default WLAN SSID (WiFi name) and WLAN key (password) on the label and connect to the WiFi network with your mobile device, and then access the Internet.



## Optional configurations

Connect one end of an Ethernet cable to either of the two LAN ports, and the other end to your laptop or other devices.

Up to two devices can be connected to the LAN ports



## 5. Change your device settings

You can change the device settings by logging in to the web page.

- 1 View the label on your device to get the default website password.
- 2 Launch the internet browser and enter `http://giga.cube` in the address bar.
- 3 Enter the WebUI Password (this can be found on the Device Label sticker on the bottom of the GigaCube) and then select **Login**.
- 4 After the web page is open, you can change the WiFi SSID, password or other settings.

# Troubleshooting

## **I cannot access the Internet at all.**

- Please check your configuration settings.
- Please wait 1-2 minutes for the device to initialise.
- Check your internet indicator.

## **The download or upload speed is very slow.**

Your internet speed is dependent on signal strength and network utilisation. Check your signal strength and network type.

## **Problems with the passwords.**

- For the default WiFi connection password and the default password of the web page, please check the label on the device.
- If you have changed the passwords and forgotten them, you need to restore the device to the factory default settings.

## **I cannot visit the web page.**

- Enter the correct URL:  
`http://giga.cube`
- Only use one network adapter in your PC.
- Do not use any proxy server.

## **I cannot establish the WiFi connection between my device and the client.**

- Make sure the WiFi function is active.
- Refresh network list and select the correct SSID on your mobile device.
- Check the IP address to make sure your client can obtain an IP address automatically in the Internet protocol (TCP/IP) properties.
- Type the correct network key (WiFi password) when you connect to the device.



# Product Safety Information

**PLEASE READ THIS SAFETY INFORMATION BEFORE YOU USE THE DEVICE. FOLLOWING THESE WARNINGS WILL HELP PREVENT INJURY TO YOURSELF OR OTHERS AND DAMAGE TO YOUR DEVICE.**

**ADDITIONAL SAFETY WARNINGS MAY BE GIVEN FOR THE OPERATION OF SPECIFIC APPS ON YOUR DEVICE, YOU SHOULD ALSO FOLLOW THESE INSTRUCTIONS.**

## Pictograms and Graphic Symbols



Read the Safety Information section of this user guide before using this device. Failure to comply with safety warnings can result in serious injury.



This device may produce a bright or flashing light



This device is not intended for use by young children. If you allow a child to use it ensure the child is strictly supervised. This device contains small parts which are a choking hazard



This device may produce a loud sound



Do not use while refuelling or near gas or flammable liquids.



Do not dispose of this device or its battery in a fire.



Avoid contact with magnetic media



Avoid extreme temperatures



Keep away from pacemakers and other personal medical devices



Switch off when instructed in hospitals and medical facilities



Switch off when instructed in aircrafts and airports



Switch off in explosive environments



Avoid contact with liquid, keep dry



Do not try and disassemble



Do not rely on this device for emergency communications



Only use approved accessories

## RF Exposure

Your device contains a radio transmitter and a receiver. When it is ON, it receives and transmits RF energy. Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

To ensure compliance with RF exposure guidelines the device must be used with a minimum of 20 cm separation from the body. Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits and may use more power than necessary.

Limiting exposure to radio frequency (RF) fields

For individuals concerned about limiting their exposure to RF fields, the World Health organization (WHO) provides the following advice in Fact Sheet 193 Electromagnetic fields and public health: mobile phones (October 2014):

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile devices. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile devices away from the head and body.

Further information on exposure to radio waves can be obtained from the WHO [http:// www.who.int/mediacentre/factsheets/fs193/en/](http://www.who.int/mediacentre/factsheets/fs193/en/)

## Regulatory information



The following safety approvals and notices apply in specific regions as noted. Hereby, Vodafone declares that this device is in compliance with the Directive 2014/53/EU and the Radio Equipment Regulations 2017 (S.I. 2017/1206) and amendments. The full text of the EU and UKCA Declarations of Conformity (DoC) are available at the following internet address:

[vodafone.com/MC888Ultra/conformity-declaration](http://vodafone.com/MC888Ultra/conformity-declaration)

## Ecodesign and energy efficiency

Products of Vodafone are energy efficient devices, designed and manufactured in compliance with regulations. Vodafone hereby declares that its products, including the external power supplies, comply with the Energy-related Products (ErP) Directive 2009/125/EU and relating specific requirements outlined in the implementing measures as well as the Ecodesign for Energy-Related Products (ErP) Regulations (S.I. 2010/2617) with amendments. Product energy consumption in networked standby mode 5GHz activated only is below 8W.

This device can be used in all member states of the European Union and United Kingdom. Approvals and notifications below are relevant to specific geographic regions, as described.

## WEEE Approval



This device is in compliance with the essential requirements and other relevant provisions of the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE Directive).

This symbol on this device means that these products must be taken to collection points at the end of their life:

- Municipal waste disposal centers with specific bins for these types of equipment.
- Collection bins at points of sale.

They will then be recycled, so that their components can be reused, and to prevent substances being disposed of in the environment.

### Reduction of hazardous substances

This device and electrical accessories comply with the local regulations on the restriction and use of hazardous substances in electrical and electronic equipment (such as RoHS and battery regulations, if applicable). For RoHS compliance statements, please refer to the applicable DoC.

### Licenses

This equipment may be operated in all European countries. The 5150-5350 MHz band is restricted to indoor use only.

### Distraction

Using a mobile device to communicate listen to music or watch other media could potentially distract you from performing any activity which requires your full attention. It may also reduce your awareness of the environment around you.

### Operating machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

### Product handling

You alone are responsible for how you use your device and any consequences of its use. You must always switch off your device wherever the use is prohibited. Use of your device is subject to safety measures designed to protect users and their environment.

- Always treat your device and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your device or its accessories to open flames or lit tobacco products.
- Do not expose your device or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your device or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your device or its accessories.
- Do not attempt to disassemble your device or its accessories, only authorised personnel must do so.
- Do not expose your device or its accessories to extreme temperatures, minimum -20°C and maximum +45°C degrees Celsius.
- The relative humidity must be between 5% and 95%.
- Please check local regulations for disposal of electronic products.
- Do not use your device during a thunderstorm. Remove the mains power pack from the wall socket.

### Small children

Do not leave your device and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or may accidentally damage the device. Your device contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

### Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your device. Avoid other magnetic sources as these may cause the internal magnetometer or other sensors to malfunction and provide incorrect data.

### Electrostatic discharge (ESD)

Do not touch the SIM card or memory card's metal connectors.

### Installation conditions for usage

This product is only suitable for indoor usage at a temperature not exceeding 45 degrees Celsius.

This product must not be installed or used in a location subject to direct sunlight or direct heat or excessive moisture. This product must not be installed or used in areas with slots of the device. Leave 7 to 10 cm (3 to 4 inches) around the product to ensure that proper ventilation gets to it. This product must not be used near water, for example near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool.

You must immediately switch off and disconnect the product from the mains supply

and request assistance if any of the following occurs:

- The product has come into contact with liquid substances.
- The product does not operate normally when you follow the instructions for use.
- The product has been damaged (for example falling).
- The product appears to be excessively hot.
- You see or smell smoke or burning from the product or accessories.
- The power cord or plug is damaged.

### Power supply

Do not connect your device to the power supply or switch it on until instructed to do so in the installation instructions.

### Antenna

Do not touch the device while in operation as you might touch the antenna

### Indoor usage

This product is only suitable for indoor usage.

### Seizures/blackouts

This device is capable of producing bright flashing lights.

### Electrical powering

Turn off your device and disconnect it from your personal computer in conditions exposed to atmospheric lightning.



The powering of the product must adhere to the power specifications indicated on the marking labels. The power supply must be Class II and a Limited Power Source in accordance with requirements of EN 62368-1 Annex Q and rated as indicated on the label on your product. It must be tested and approved to national or local standards.

### **Emergency calls**

This device, like any wireless device, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless device for emergency communications.

### **Device heating**

Your device may become warm during normal use, do not use this device if it is overheated (showing an overheating warning or feels hot to touch).

## **Electrical Safety**

### **Accessories**

Use only approved accessories and chargers.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact any electrical contacts on the device or its accessories.

Do not touch your device with wet hands.

Do not touch the power cord with wet hands or disconnect the charger by pulling the cord.

Doing so may result in electrocution.

### **Faulty and damaged products**

Do not attempt to disassemble the device or its accessory.

Only qualified personnel should service or repair the device or its accessory.

If your device or its accessory has been submerged in water or other liquid, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorised service centre.

### **Interference**

Care must be taken when using the device in close proximity to personal medical devices, such as pacemakers and hearing aids.

### **Pacemakers**

Pacemaker manufacturers recommend that a minimum separation of 20 cm be maintained between a mobile device and a pacemaker to avoid potential interference with the pacemaker.

### **Hearing aids**

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

### **Medical devices**

Please consult your doctor and the medical device manufacturer to determine if operation of your device may interfere with the operation of your medical device.

### **Hospitals**

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

### **Aircraft**

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

## **Explosive environments**

### **Petrol stations and explosive atmospheres**

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your device or other radio equipment. Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

### **Blasting caps and areas**

Turn off your mobile device or wireless device when in a blasting area or in areas posted turn off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

## **Disposal and recycling**

To dispose of or recycle your device in a safe and appropriate manner, contact your Customer Services centre for information.

### **Adapters**

Mains powered adapters will operate within the temperature range of: 0°C (32°F) to 40°C (104°F).

The adapters designed for your device meet the standard for safety of information technology equipment and office equipment use. They are also compliant with the ecodesign directive 2009/125/EC. Due to different applicable electrical specifications, an adapter you purchased in one jurisdiction may not work in another jurisdiction. They should be used for this purpose only.

## General information

This radio equipment operates with the following frequency bands and maximum

Radio frequency power:

- UMTS B1/8: 23 dBm
- LTE FDD B1/3/7/8/20/28/32(only DL): 23 dBm
- LTE TDD B38/41: 23 dBm
- 5G NR FDD n1/n3/n7/n8/n28: 23 dBm
- 5G NR TDD n78: PC2 25 dBm, PC3 23 dBm
- 802.11 b/g/n/ax 2.4GHz band: < 25 dBm
- 802.11 a/n/ac/ax 5.0GHz band: < 24 dBm

**NOTE:** This product is compliant with the power limits required by the European Union

Frequency bands supported by the product vary by model.

Manufacturer: Vodafone Procurement Company S.à.r.l., 15 rue Edward Steichen, L-2540 Luxembourg, Grand-Duché de Luxembourg.

## **Software information**

The product software version is CR\_VDFEUMC888ULTRAV1.0.0B01 or later. Software updates will be released to enhance usability of the product. The product contains Open Source Software.

The list of Open Source modules, related license information and the instructions on how to obtain the source code (when entitled by applicable license) are available on the informational page in the web interface of this device.

## **Software updates**

By continuing to use this device, you indicate that you have read and agree to the following content:

In order to provide better service, this device will automatically check for/obtain software update information from Vodafone and its partners after connecting to the Internet. This process may use mobile data, and requires access to your device's unique identifier (IMEI/SN) and the service provider network ID (PLMN) to check whether your device needs to be updated. Note that neither Vodafone nor its partners will use the IMEI/SN information for the purposes of personally identifying you, this is only used for scheduling/managing software updates.

## **DISCLAIMER**

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