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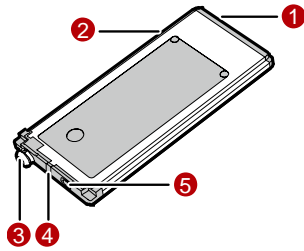
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Thank you for choosing Huawei EC821 data card (hereinafter referred to as the EC821). With the EC821 data card, you can access the Internet through wireless network at a high speed.

**Note:** This manual describes the appearance, installation and removal of the EC821. For the operation of the management program, refer to the *User Manual*.

## Getting to Know Your EC821

The following figure shows the appearance of the EC821. It is only for your reference. The actual product may differ.



### ① ExpressCard Interface

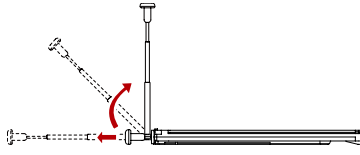
It connects the EC821 to a computer.

### ② UIM Card Slot

It is where you insert the user identity module (UIM) card.

### ③ External Antenna

You can adjust the external antenna according to the actual signal reception situation so as to reach a most favorable.



### ④ Indicator

It indicates the status of the EC821.

- On, The EC821 is powered on.
- Blinking once every 2s: The EC821 is searching the network or the network is not found.
- Blinking twice every 2s: The network is found.
- Blinking once every 0.2s: The EC821 is engaged in a call or a data service.

## 5 Earphone Interface

It connects the EC821 to an earphone.

## Preparation

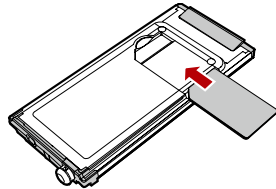
### Requirements for the Computer

To use the EC821, the computer must meet the following requirements:

- Equipped with ExpressCard slot.
- Windows 2000 SP4, Windows XP SP2, Windows Vista.
- Your computer's hardware system should meet or exceed the recommended system requirements for the installed version of OS.
- Resolution for the display: 800 × 600 or above.

### Getting Your EC821 Ready

Insert the User Identity Module (UIM) card into the slot of the data card with the golden contacts side facing downwards and the cut corner directing inwards. Follow the direction on the back of the data card.

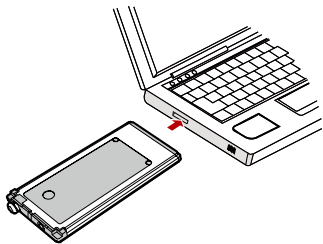


## Installation/Removal Guide

On different operating systems (OSs), the installation and removal procedures may differ. Follow the system prompts during operation.

### Connecting the EC821 with a Computer

- Plug the EC821 into the ExpressCard slot of a laptop.



- Insert the supplied CD of the data card into the CD-ROM drive of the laptop.
- The OS automatically detects and recognises new hardware and starts the installation wizard.
- Follow the prompts of the installation wizard.
- After the program is installed, a shortcut icon for the EC821 management program is displayed on the desktop.


**Note: If the program does not respond, run the Setup.exe file in the CD**

**drive path of the laptop.**

## Starting the Management Program

- Double-click the shortcut icon on the desktop to start the management program of the EC821.
- Enter the personal identity number (PIN) code if you have enabled the PIN lock.

## Removing the EC821

- Double-click  in the system tray. The **Safely Remove Hardware** interface is displayed.
- Select and stop the hardware related to the data card.
- When the **Safe To Remove Hardware prompt** is displayed, click OK and remove the Data Card.

## Removing the Management Program

- Click **Start Menu**.
- Click **Control Panel**.
- Click **Add/Remove Program** to remove the management program of the EC821.

**Note: Before removing the management program, exit the management program.**



## Safety Information

Read the safety information carefully to ensure the correct and safe use of your wireless device.

### Interference

Do not use your wireless device if using the device is prohibited or when it cause danger or interference with electric devices.

### Medical Device

- Do not use your wireless device and follow the rules and regulations set forth by the hospitals and health care facilities.
- Some wireless devices may affect the performance of the hearing aids. For any such problems, consult your service provider.
- If you are using an electronic medical device, consult the doctor or device manufacturer to confirm whether the radio wave affects the operation of this device.

### Area with Inflammables and Explosives

To prevent explosions and fires in areas that are stored with inflammable and explosive devices, do not use your wireless device and observe the rules. Areas stored with inflammables and explosives include but are not limited to the following:

- Gas station
- Fuel depot (such as the bunk below the deck of a ship)
- Container/Vehicle for storing or transporting fuels or chemical products

- Area where the air contains chemical substances and particles (such as granule, dust, or metal powder)
- Area indicated with the "Explosives" sign
- Area indicated with the "Power off bi-direction wireless equipment" sign
- Area where you are generally suggested to stop the engine of a vehicle

### Traffic Security

- Observe local laws and regulations while using the wireless device. To prevent accidents, do not use your wireless device while driving.
- RF signals may affect electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- In a motor vehicle, do not place the wireless device over the air bag or in the air bag deployment area. Otherwise, the wireless device may hurt you owing to the strong force when the air bag inflates.
- Observe the rules and regulations of airline companies. When boarding, switch off your wireless device. Otherwise, the radio signal of the wireless device may interfere with the plane control signals.

### Safety of Children

Do not allow children to use the wireless device without guidance. Small and sharp components of the wireless device may cause danger to children or cause suffocation if children swallow the components.

### Environment Protection

Observe the local regulations regarding the disposal of your packaging materials, used wireless device and accessories, and promote their recycling.

## WEEE Approval

The wireless device is in compliance with the essential requirements and other relevant provisions of the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE Directive).

## RoHS Approval

The wireless device is in compliance with the restriction of the use of certain hazardous substances in electrical and electronic equipment Directive 2002/95/EC (RoHS Directive).

## Laws and Regulations Observance

Observe laws and regulations when using your wireless device. Respect the privacy and legal rights of the others.

## Care and Maintenance

It is normal that your wireless device gets hot when you use or charge it. Before you clean or maintain the wireless device, stop all applications and disconnect the wireless device from your PC.

- Use your wireless device and accessories with care and in clean environment. Keep the wireless device from a fire or a lit cigarette.
- Protect your wireless device and accessories from water and vapor and keep them dry.
- Do not drop, throw or bend your wireless device.
- Clean your wireless device with a piece of damp and soft antistatic cloth. Do not use any chemical agents (such as alcohol and benzene), chemical detergent, or powder to clean it.

- Do not leave your wireless device and accessories in a place with a considerably low or high temperature.
- Use only accessories of the wireless device approved by the manufacture. Contact the authorized service center for any abnormality of the wireless device or accessories.
- Do not dismantle the wireless device or accessories. Otherwise, the wireless device and accessories are not covered by the warranty.

## Emergency Call

This wireless device functions through receiving and transmitting radio signals. Therefore, the connection cannot be guaranteed in all conditions. In an emergency, you should not rely solely on the wireless device for essential communications.

## Specific Absorption Rate (SAR)

Your wireless 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.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for wireless devices is 2.0 W/kg and the highest SAR value for this device when tested complied with this limit.

## Regulatory Information

The following approvals and notices apply in specific regions as noted.

CE Approval (European Union)

The wireless device is approved to be used in the member states of the EU. The wireless device is in compliance with the essential requirements and other relevant provisions of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE Directive).

Federal Communications Commission Notice (United States): Before a wireless device model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure.

The SAR limit adopted by the USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type was compliant with this limit.

FCC Statement

15.19

NOTICE:

This device complies with Part 15 of the FCC Rules [and with RSS-210 of Industry Canada].

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.

15.21

NOTICE:

Changes or modifications made to this equipment not expressly approved by (manufacturer name) may void the FCC authorization to operate this equipment.

15.105

NOTE: 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.

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