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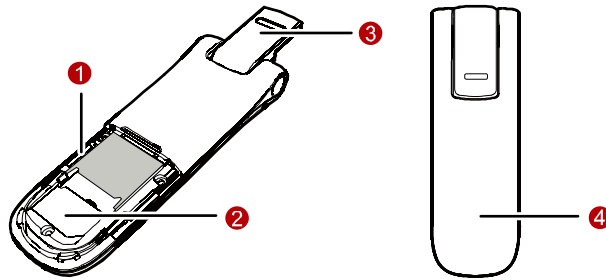
Thank you for purchasing Huawei E180 HSPA Rotate USB Stick.

Note:

- This manual briefly the preparation, the process for installing/uninstalling, and safety precautions for using Huawei E180 HSPA Rotate USB Stick (hereinafter referred to as the E180).
- You are recommended to read the manual before using the E180.

Getting to Know the E180

The following figures show the appearance of the E180. The actual product may differ.



1 Micro SD card slot

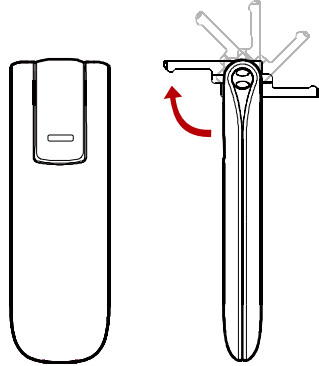
Holds the Micro SD card.

2 USIM/SIM card slot

Holds the USIM/SIM card.

3 Rotatable USB connector

Connects to the USB interface of the PC.



4 Indicator

Indicates the status of the E180.

- Green, blinking twice every 3s: The E180 is powered on.
- Green, blinking once every 3s: The E180 is registered to the GSM/GPRS/EDGE network.
- Blue, blinking once every 3s: The E180 is registered to the WCDMA/HSDPA/HSUPA network.
- Green, always on: The GPRS/EDGE connection is set up.
- Blue, always on: The WCDMA connection is set up.
- Cyan, always on: The HSDPA/HSUPA connection is set up.
- Off: The E180 is removed from the PC.

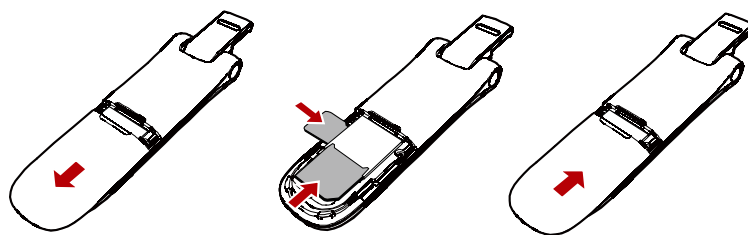
Requirements for the PC

To use the E180, the PC must meet the following requirements:

- Standard USB interface
- Windows 2000 SP4, Windows XP SP2, Windows Vista.
- The hardware of your PC must meet or exceed the recommended system requirements for the installed version of OS.
- Display resolution: 800 × 600 or above.

Preparing the E180

1. Take out of the back cover of the E180.
2. Insert the USIM/SIM card and the micro SD card into the card slots. Make sure that the cards is properly inserted.



Note:

- Micro SD card is an optional accessory. If the micro SD card is not provided in the package, you can buy one yourself.
- Do not remove the USIM/SIM card and the micro SD card when they are being used. Removing the cards during an operation may damage the cards as well as the device, and data stored on the cards may be corrupted.

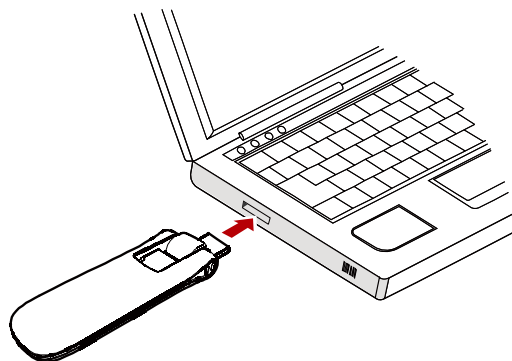
Installation Guide

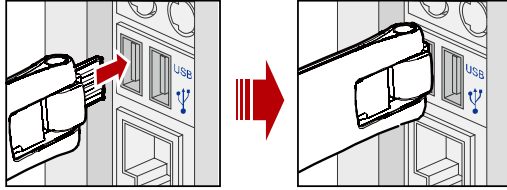
The procedure for installing the management program depends on the operating system installed on your PC. The following section takes Windows XP as an example.

Connecting the E180 with a PC

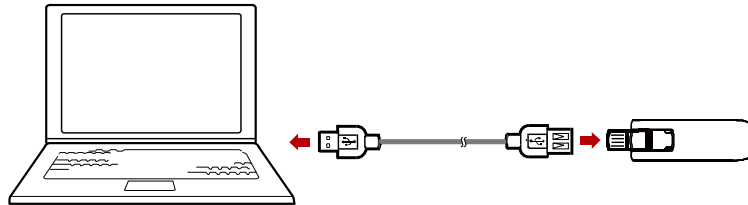
Note: Power on your PC before connecting the E180 with the PC. Otherwise, the normal installation of the E180 may be affected.

One way: Plug the E180 into the USB interface of the PC.





The other way: connect the E180 to a PC using the USB extension cable.



Installing the E180 Management Program

1. Connect the E180 with the PC.
2. The OS automatically detects and recognizes new hardware and starts the installation wizard.

Note: If the auto-run program does not respond, find the **AutoRun.exe** file in the driver path. Then double-click **AutoRun.exe** to run the program.

3. Follow the prompts of the installation wizard.
4. After the program is installed, the shortcut icon of the management program is displayed on the desktop.

Launching the Management Program

After the E180 is installed, the management program is launched automatically. Then every time the E180 is connected to the PC, the management program is launched automatically.


You can also double-click the shortcut icon on the desktop to launch the management program.

Uninstalling the Management Program

1. Choose **Start > Control Panel**.
2. Find the management program, and click **Add/Remove Program** to uninstall the management program.

Note: It is recommended to restart the PC after the uninstallation to ensure that the management program is completely uninstalled.

Removing the E180

1. Double-click  in the system tray. The **Unplug or Eject Hardware** interface is displayed.

2. Select the hardware related to the E180 and click **Stop**.
3. When the prompt "It is safe to remove the device" is displayed, remove the E180.

Note: Before removing the E180, 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 causes danger or it interferes 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 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 manufacturer. 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.

Body Worn Operation

Important safety information regarding radiofrequency radiation (RF) exposure

To ensure compliance with RF exposure guidelines the device must be used with a minimum of 1.5 cm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

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

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 device should be installed and operated with a minimum distance of 20 cm between the radiator and your body when using it via USB cable.

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.

NOTICE:

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

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.

CAUTION:

The USB Stick has been tested with specific integral antenna for SAR compliance with three notebook computers having vertical and horizontal USB slots.

The device can be used in notebook computers with substantially similar physical dimensions, construction, and electrical and RF characteristics.

Note: If this USB Stick is intended for use in any other portable device, you are responsible for separate approval to satisfy the SAR requirements of Part 2.1093

of FCC rules.

If the USB stick is indented for use in any mobile device, a minimum distance of 20cm between the radiator and your body must be kept.

This transmitter and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Version: V100R001_01 Part Number: 31018885