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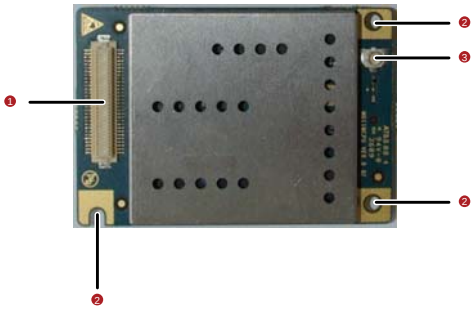
Thank you for purchasing Huawei EM701 Wireless Module.

Note:

- This manual briefly describes the preparation, the process for installing/uninstalling, and safety precautions for using Huawei EM701 Wireless Module (hereinafter referred to as the EM701).
- You are recommended to read the manual before using the EM701.
- The signal strength and the transmission rate are affected by the actual environment.

Getting to Know the EM701

The following figure shows the appearance of the EM701. The actual product may differ.



❶ BTB Connector

It is used to connect to the interface of the PC.

❷ Screw holes

They are used to fix the EM701 on the main board of the PC with screws.

❸ Antenna interfaces

It is used to connect an antenna.

Requirements for the User Side

To use the EM701, the user must meet the following requirements:

- 60-pin Board to Board Connector interface.
- Windows CE/Windows XP/Linux 2.6.18 or later versions
- Display resolution: 800 × 600 or above.
- The antenna gain： 900M<2.1dBi, 1800M<2.6dBi,2100M<4.3dBi, 850M<2.75dBi,1900M<2.5dBi

Preparing the EM701

Locate the EM701 on the main board of the PC. Find the antenna.

If a USIM/SIM card is provided by your service provider, insert the USIM/SIM card into the USIM/SIM card slot on the main board of the PC.

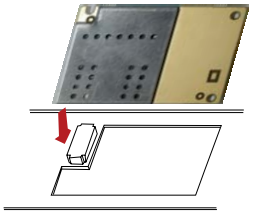
Note:

- In certain cases, your PC may be disassembled only by the professionals.
- Before you install the EM701 onto the main board of the PC, consult the PC manufacturer or read the user manual of the PC.

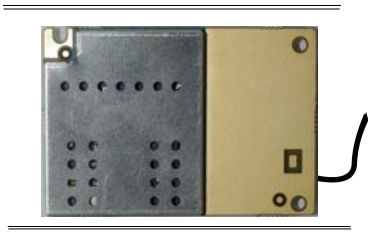
Installation Guide

Installing the EM701 onto the Main Board of the PC

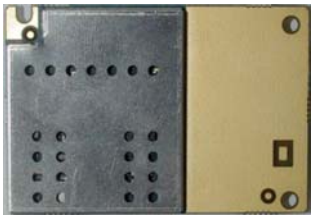
1. Locate the EM701 on the main board of the PC.



2. Insert the antenna into the antenna interface of the EM701.



3. Press downwards to fix the EM701 in the module slot.

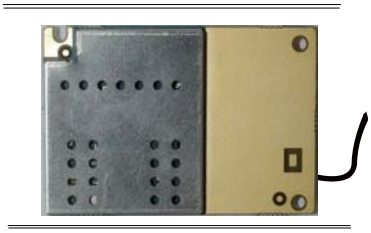


Note:

- Insert the antenna connectors vertically into the antenna interfaces of the EM701.
- Do not pinch the antenna cable or damage the connectors. Otherwise, the wireless performance of the EM701 may be reduced or the EM701 cannot work normally.
- Ensure that the antenna cables are routed through the channel in the frame of the PC and do not lay across the raised edges of the frame.

Removing the EM701 from the Main Board of the PC

1. Disconnect the antenna cables from the EM701. You can lift the connectors with a small screwdriver.



2. Release the EM701 from the module slot. Then, lift up the EM701.

Installing the EM701 Software

A disk is provided in the EM701 packing box. The disk contains the management program and the driver of the EM701.

1. Insert the disk into the disk drive of the PC.
2. Find the **AutoRun.exe** file under the disk 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.

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.

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 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 power off the wireless device.

- 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 abnormity 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.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For the declaration of conformity, visit the Web site www.huaweidevice.com/certification.

Notice: Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all countries of European Union.

FCC Statement

* This device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

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.

Warning: Changes or modifications made to this equipment not expressly approved by HUAWEI may void the FCC authorization to operate this equipment.