

# **Module**

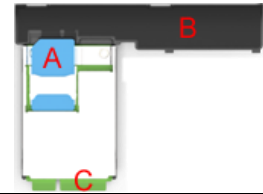
## **Quick Start Guide**

### **one touch M600Q**

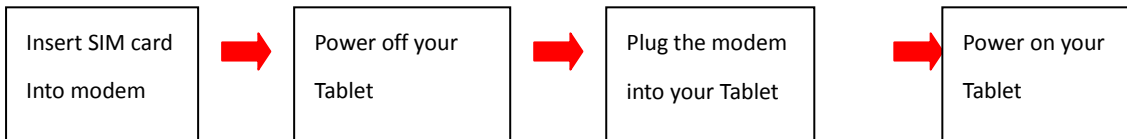
Welcome! This manual brief is the profile of your modem, it is a removable device for wireless internet access and data service.

## 1. Getting to Know Your Modem

- A. SIM/USIM Card
- B. Antenna
- C. PCIE Interface



## 2. How to start your modem



## 3. Your modem key features

- a) Up to 21Mbps DL and 5.76Mbps UL
- b) Rx Diversity
- c) MMS/SMS
- d) Phonebook
- e) Support Android 2.2/2.3/3.0/4.0/4.1

## 4. Safety and Use

We recommend that you read this chapter carefully before using the modem. The manufacturer disclaims any liability for damage, which may result as a consequence of improper use of the modem or of use contrary to the instructions contained herein.

### Traffic Safety

When driving, do not use the modem

- ✧ When switched on, the modem emits electromagnetic waves that can interfere with the vehicle's electronic systems such as ABS anti-lock brakes or airbags. To ensure that there is no problem, do not place your tablet with the modem on top of the dashboard or within an airbag deployment area.
- ✧ Check with your car dealer or the car manufacturer to make sure that the dashboard is adequately shielded from modem RF energy.

### Conditions of Use

- Switch the modem off before boarding an aircraft.
- Switch the modem off when you are in health care facilities, except in designated areas. As with many other types of equipment now in regular use, the modem can interfere with other electrical or electronic devices,

or equipment-using radio frequencies.

- Switch the modem off when you are near gas or flammable liquids. Strictly obey all signs and instructions posted in a fuel depot, petrol station, chemical plant, or in any potentially explosive atmosphere.
- When the modem is switched on, it should be kept at least 15 cm from any medical device such as a pacemaker, a hearing aid or insulin pump, etc.
- Do not let children use the modem without supervision.
- When replacing the cover, please note that the modem may contain substances that could create an allergic reaction.
- Always handle the modem with care and keep it in a clean and dust-free place.
- Do not allow the modem to be exposed to adverse weather or environmental conditions (moisture, humidity, rain, infiltration of liquids, dust, sea air, etc). The manufacturer's recommended operating temperature range is -10°C to +50°C.
- Do not open, dismantle or attempt to repair the modem yourself.
- Do not drop, throw or bend the modem.
- Do not paint it.

## WEEE Approval

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



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

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

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

### **In European Union countries:**

These collection points are accessible free of charge.

All products with this sign must be brought to these collection points.

### **In non European Union jurisdictions:**

Items of equipment with this symbol are not to be thrown into ordinary bins if your jurisdiction or your region has suitable recycling and collection facilities; instead they are to be taken to collection points for them to be recycled.

## RoHs Approval

The modem is in compliance with the restriction of the use of certain hazardous substances in electrical and electronic equipment Directive 2011/65/EU (RoHs Directive).

Assessment of compliance of the product with the requirements relating to the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) was performed by PHOENIX TESTLAB (Notified Body No.0700), based on the following standards:

**1. Health (Article 3.1(a) of the R&TTE Directive)**

Applied Standard(s):  
EN62311: 2008

**2. Safety (Article 3.1(a) of the R&TTE Directive)**

Applied Standard(s):  
EN 60950-1:2006+A11:2009+A1:2010+A12:2011

**3. Electromagnetic compatibility (Article 3.1 (b) of the R&TTE Directive)**

Applied Standard(s):  
EN 301 489-1 V1.9.2/-7 V1.3.1/-24 V1.5.1

**4. Radio frequency spectrum usage (Article 3.2 of the R&TTE Directive)**

Applied Standard(s):  
EN 301 511 V9.0.2  
EN 301 908-1/-2 V5.2.1

The device is tested for typical body worn operation. The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 20cm.

## **FCC Regulations:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device 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 radiated 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: Changes or modifications not expressly approved by the party responsible for compliance could void the

user's authority to operate the equipment.

## **RF Exposure Information**

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

### **IMPORTANT NOTE:**

This module is intended for OEM integrator. The OEM integrator is still responsible for the FCC compliance requirement of the end product, which integrates this module. 20cm minimum distance has to be able to be maintained between the antenna and the users for the host this module is integrated into. Under such configuration, the FCC radiation exposure limits set forth for an population/uncontrolled environment can be satisfied.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

### **USERS MANUAL OF THE END PRODUCT:**

In the users manual of the end product, the end user has to be informed to keep at least 20cm separation with the antenna while this end product is installed and operated. The end user has to be informed that the FCC radio-frequency exposure guidelines for an uncontrolled environment can be satisfied. The end user has to also be informed that any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment. If the size of the end product is smaller than 8x10cm, then additional FCC part 15.19 statement is required to be available in the users manual: This device complies with Part 15 of 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.

### **LABEL OF THE END PRODUCT:**

The final end product must be labeled in a visible area with the following " Contains TX FCC ID: RAD 425". If the size of the end product is larger than 8x10cm, then the following FCC part 15.19 statement has to also be available on the label: This device complies with Part 15 of 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.