

2013

# NX1-UMTS

## Quick Guide V1.2

Handheld Group AB

2013/10/30



# Technical Specifications



## Model and System

Model : NX1-UMTS

System : Android 4.0.4

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## CPU and capacity

CPU : TI 1GHz dual core OMAP4430

Memory : 2GB iNAND (SDIN5D1)

512MB DDR2 SDRAM (EDB816B3PF-8D), upgradable to 1GB.

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## Camera

5M pixels CMOS color camera with MIPI interface.

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## Battery

Type : Li-Ion

Capacity : 1530mAh

Type : Li-Ion

Capacity : 3060mAh

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## Show

Screen Size : 4"

Resolution : 800 x 480

Type : Capacitive

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## Wireless Communications

Bluetooth : V2.1 EDR

WLAN

WCDMA, GSM

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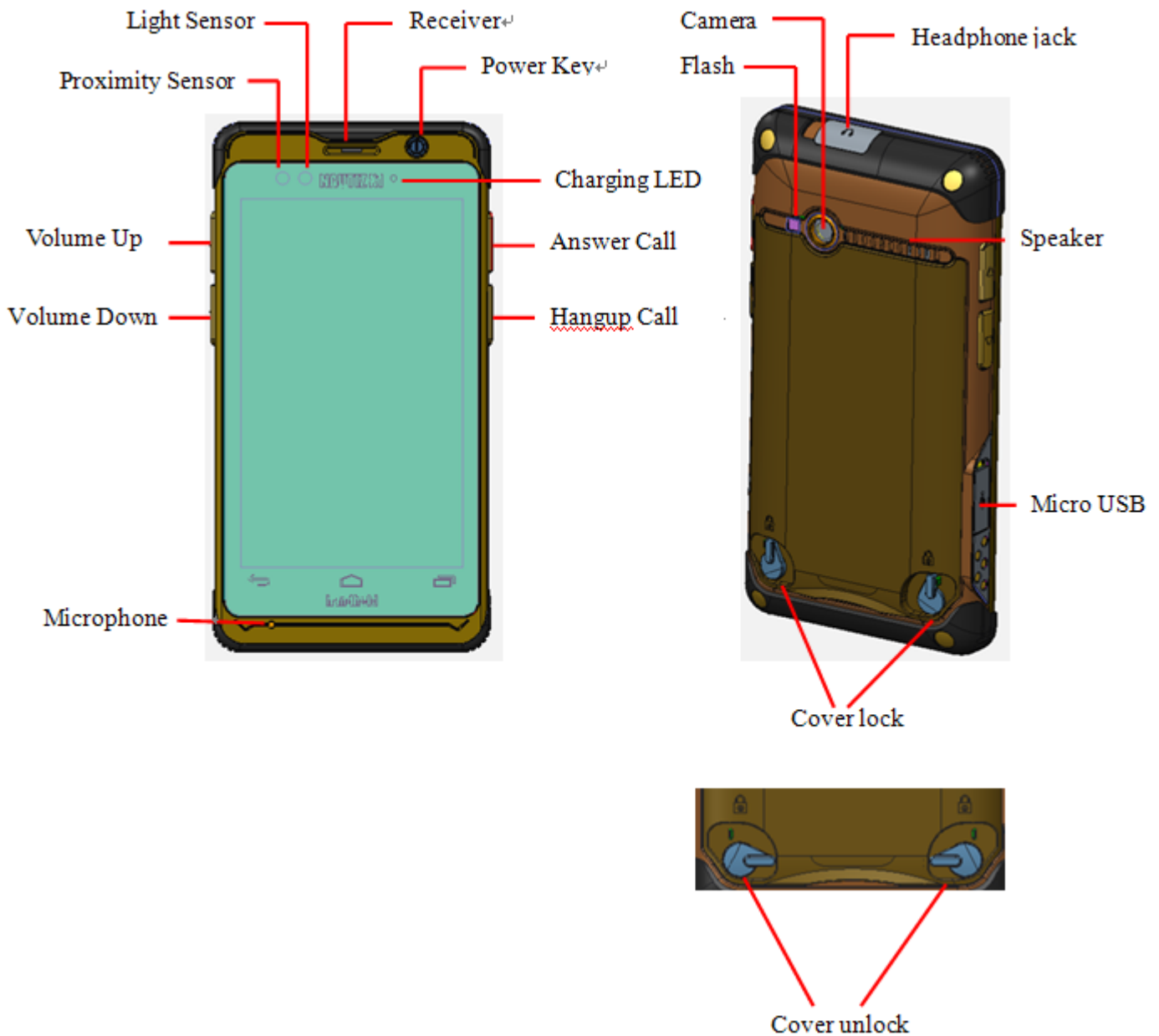


## GPS

aGPS, geotagging support

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# OVERVIEW




✎ USB cover : USB rubber cover must completely pushed to meet IP67 standards


Headphone cover : Headphone rubber cover must completely pushed to meet IP67 standards



## Prevention of Hearing Loss



To prevent possible hearing damage, do not listen at high volume levels for long periods.

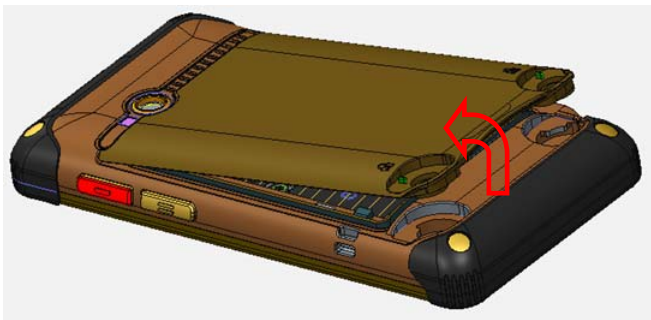
✎  : Return to the previous work

  : Return to the desktop

  : Long press , there will be a directory listing

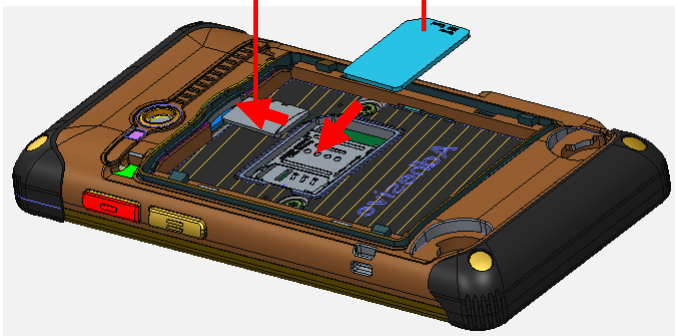
## Preparation before using your phone

You need to insert a SIM card provided by your mobile operator to use mobile services. As shown, install SIM / memory card and battery.

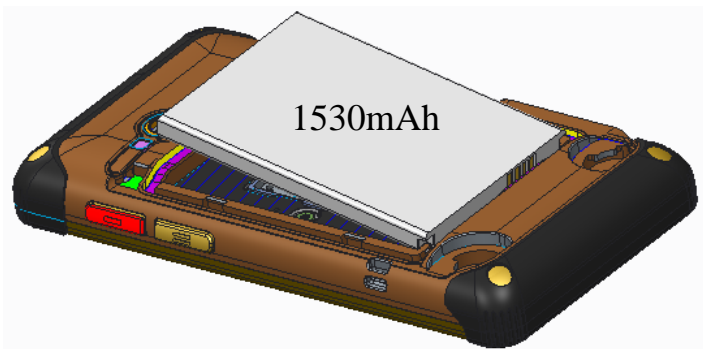


Step 1 : Open the back cover

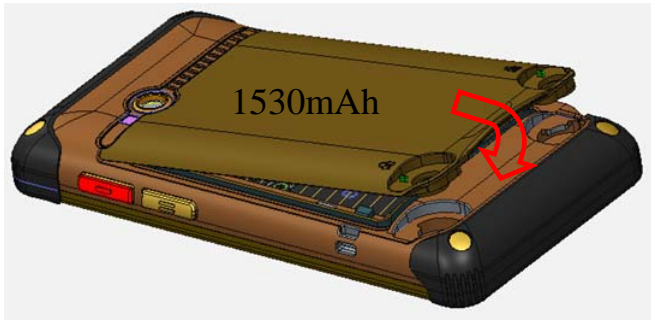
Micro SD card installation      SIM card inserting



Step 2 : Insert the SIM card and micro SD card.  
(Docking Connector is on down side)



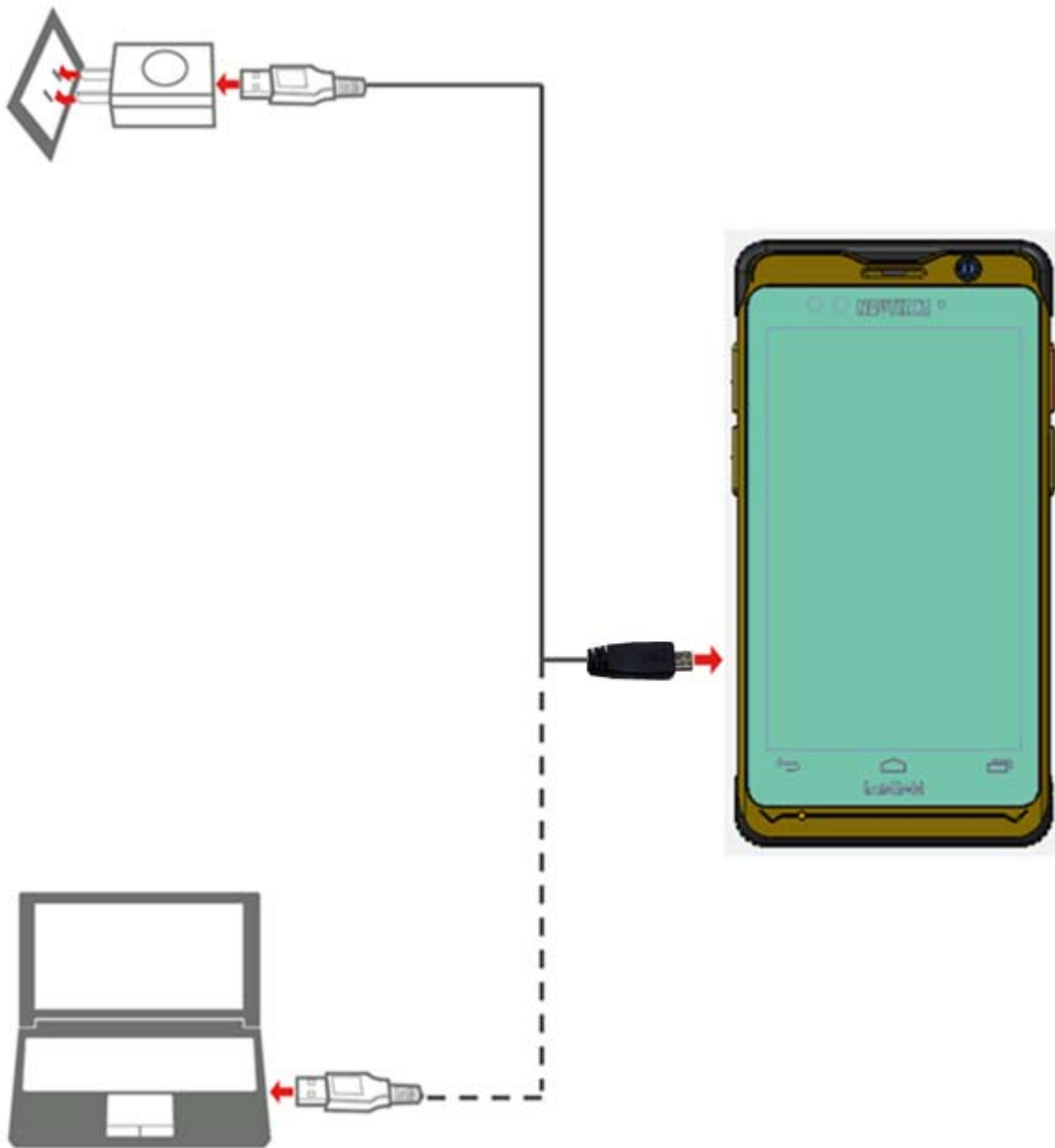
Step 3 : Install the Battery.



Step 4 : Install the back cover.


- ⓘ Do not open the phone insert or remove a SIM card.  
Doing so may be the SIM card or the phone cause permanent damage.
- ⓘ Press battery cover must get click sound to ensure IP67

# Battery Charging



Method 1 : Using the supplied power adapter and USB cable to connect the phone to a power outlet .

Method 2 : Use a computer to charge the battery.

Method 3 : Keep this logo  on top side and then Insert the micro USB

Method 4 : Charging eight hours for 1st time use empty battery



Low power



Positive charging is completed



Charging

**1. The operating temperature is from -20°C~ 60°C for NX1-UMTS.**

**2. The charging temperature is from 0°C~ 40°C.**

## **NX1-UMTS Regulatory Information**

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### **CE RF Exposure Compliance**

This device meets the EU requirements (1999/519/EC) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. The unit of measurement for the European Council's recommended limit for mobile devices is the "Specific Absorption Rate" (SAR), and the SAR limit is 2.0 W/kg averaged over 10 gram of tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

For body-worn operation, this device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 62209-2, for use with dedicated accessories. SAR is measured with this device at a separation of 1.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Use of other accessories which contain metals may not ensure compliance with ICNIRP exposure guidelines.

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**Users have to use the connection to USB interfaces with USB 2.0 version or higher.**

**CAUTION!** Risk of explosion if battery replaced aced by an incorrect type.  
Dispose of used batteries according to the instructions.

**The maximum ambient temperature for operating will not be higher than 60 °C**

**The adapter shall be installed near the equipment and shall be easily accessible.**

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### **FCC Regulations:**

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.

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Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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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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**FCC RF Exposure Compliance (SAR)**

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission for an uncontrolled environment. The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit adopted by the FCC is 1.6W/kg for an uncontrolled environment. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

SAR compliance for body-worn operation is based on a separation distance of 15 mm between the unit and the human body. Carry this device at least 15 mm away from your body to ensure RF exposure level remains at or below the maximum levels. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 15 mm between this device and your body.

RF exposure compliance with any of body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.

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