



## iMozen group TC603 Mobile Computers User Guide

[Home](#) » [iMozen Group](#) » iMozen group TC603 Mobile Computers User Guide 



### Contents

- [1 iMozen group TC603 Mobile Computers User Guide](#)
- [2 Partners](#)
- [3 Power and Frequency Ranges](#)
- [4 General Safety Rules](#)
- [5 Package Contents](#)
- [6 Important Notices and Precautions](#)
- [7 Features](#)
- [8 Installing the Battery Pack](#)
- [9 Charging Instructions](#)
- [10 Documents / Resources](#)
  - [10.1 References](#)

**iMozen group TC603 Mobile Computers User Guide**



6F., No.288, Sec. 6, Civic Blvd.,Xinyi Dist., Taipei City, Taiwan  
<https://www.imozengroup.com/>  
4PTC-603BMB03

## Partners

<https://www.imozengroup.com/imozen-partners/>

## Power and Frequency Ranges

Radio Type	Description	Frequency	Maximum Output
Bluetooth	Bluetooth BR+EDR	2400~2483.5 MHz	6dBm
	Bluetooth 4.0-LE	2400~2483.5 MHz	2.5dBm
WLAN	2.4GHz	2400~2483.5 MHz	16.5dBm
	5GHz	5150~5350 MHz	14dBm
		5475~5850 MHz	14dBm
GSM	GSM 850	824~849 MHz	24dBm
	GSM 900	880~915 MHz	33.5dBm
	GSM 1800	1710~1785 MHz	30.5dBm
	GSM 1900	1850~1910 MHz	24dBm
WCDMA	WCDMA Band I	1920~1980 MHz	23.5dBm
	WCDMA Band II	1850~1910 MHz	25dBm
	WCDMA Band V	824~849 MHz	23.5dBm
	WCDMA Band VIII	880~915 MHz	24.5dBm
	LTE Band 1	1920~1980 MHz	23dBm
	LTE Band 2	1850~1910 MHz	23dBm
	LTE Band 3	1710~1785 MHz	23dBm
	LTE Band 4	1710~1755 MHz	23dBm

LTE	LTE Band 5	824~849 MHz	23dBm
	LTE Band 7	2500~2570 MHz	22.5dBm
	LTE Band 8	880~915 MHz	23.5dBm
	LTE Band 12	699~716 MHz	23dBm
	LTE Band 19	830~845 MHz	23dBm
	LTE Band 20	832~862 MHz	24dBm
	LTE Band 28	703~748 MHz	23dBm
	LTE Band 38	2570~2620 MHz	22.5dBm
	LTE Band 39	1880~1920 MHz	23dBm
	LTE Band 40	2300~2400 MHz	22.5dBm
	LTE Band 41	2496~2690 MHz	23dBm
Other	NFC	13.56 MHz	-11.76 dBμA/m
	GPS	1575.42 MHz	

The frequency band is mainly in accordance with local laws and regulations and cooperation with telecommunications operators.

## General Safety Rules

- Please read this Guide carefully before you start using this device.
- Use only the TC603 components and accessories supplied by the manufacturer.

- Do not attempt to disassemble the TC603, as it does not contain parts that can be repaired by the user. Any tampering will void the warranty.
- Discard replaced battery packs properly according to local laws.
- At the end of this device's product life, dispose of properly according to local laws.
- Do not submerge the TC603 in any type of liquid.

## Package Contents

- TC603 Rugged Mobile Computer
- Battery Pack (with Rechargeable Battery)
- Quick Start Guide
- USB Charge/Communication Cable (optional)
- Quick Charge Compliant Power Adapter (optional)



After unpacking, please inspect package contents. If any item is damaged or missing, please contact your customer support representative immediately.

## Important Notices and Precautions

The manufacturer has made safety the first priority during the design stage. To avoid potential mishaps, please observe the following notices and precautions:

- Do not stock this device under high temperature conditions that may cause the battery to overheat.
- Do not charge longer than required. When the charging light is green, stop charging immediately.
- Charge this device in place without any water-spray or moisture.
- Use a dry cloth to wipe any dust off of the AC adapter plug to avoid potential fire.
- Do not drop this device on hard surfaces.
- Do not place heavy objects on this device to avoid cracking the enclosure.
- Do not unplug the AC adapter with wet hands to avoid electric shock.
- Do not use the AC adapter of the TC603 with any other devices.
- Do not place the device in liquids to prevent short-circuits or fire.
- Do not place this device near an open fire.
- If the power or USB cable is seriously twisted or broken, stop using immediately to prevent electric shock, short-circuit, or fire.
- Stop using immediately if there is any unusual smell or overheating during charging or operation.
- Stop using immediately when there is liquid or dew on the device.
- Do not use the AC adapter outdoors.
- Please do not wrap the AC adapter with cloth or other objects that could block heat dissipation and cause electric shock or fire.
- When not charging, remove the AC adapter plug from the wall AC outlet socket to avoid a fire hazard.
- The manufacturer will not be responsible for warranty claims if damage is caused due to improper personal

use.

## Features

### Front View



## Back View



## **Installing the Battery Pack**

1. Push the Battery Lock Switch to Open and remove the Battery Cover.
2. Align the Battery Pack and the device connectors and slide it into the Battery Slot.
3. Slide the Battery Cover into the place and switch to Battery Lock mode to fix the battery.

### **CAUTION**

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.  
DISPOSE OF USED BATTERIES PROPERLY ACCORDING TO LOCAL LAWS.

## **Charging Instructions**

The TC603 battery pack is not initially fully charged, please fully charge the device before using it for the first time. After installing the battery pack, please charge it via the USB cable or the charging cradle. Replace the battery pack annually to ensure maximum performance. Avoid storing batteries for long periods of time in fully charged or very low battery level status. To maintain a moderate charge and maximize battery life, charge spare battery packs every two to three months.

## **SD / SIM Card Installation**

1. Turn off the TC603 or put it in Battery Swap Mode.
2. Locate the SIM/Micro SD Card Slot on the side of the device.
3. Insert a pin into the SIM/Micro SD Card Slot pinhole until the SIM tray pops out and pull the SIM tray out.
4. Insert the SIM or Micro SD card into the proper slot and Slide the SIM tray back into place.

### Scanning a Barcode Label

1. Point the scan window at the barcode you wish to scan.
2. Tap Scan on the Scan app screen or press a scan button on the TC603.
3. Center the laser red dot and crosshair aiming pattern on the barcode.
4. Release the scan button to capture and decode the image.

### Laser Safety



Laser Light – Do not stare into this Beam Class 2 Laser Product. The maximum output radiation is 1 mW compliant with EN 60825-1 (2014)

### Audio Safety



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

### Important Notices When Using

- Due to failure, shortened life, or unusual behavior, please confirm that the device has been used correctly, with no user operation issues involved.
- The manufacturer is not responsible for possible missing data or interference encountered during wireless transmissions.
- Do not use alcohol, benzene, organic solvents, cleaning liquid, or steel wool on the surface of this device.
- Do not scratch or mar the surface of the Scan Window in any way to avoid barcode scanning problems.

### Bluetooth

- This device is designed based on Bluetooth standard specifications. However, compatibility problems may still occur with other Bluetooth devices.
- Before using this device, please make sure there is no other wireless device operating near the same application area that may cause signal interference.

### Signal Interference from TV or Radio

- Sometimes transmitting or receiving data may fail due to signal interference from nearby TV or radio devices.

### Certificate information

SAR Information (European Union and UK)

- Head: 0.145 W/kg@ 10g
- Body: 1.228 W/kg@ 10g

## European Union Regulatory Notes

1. Requirements for AT/BE/BG/CZ/DK/EE/FR/DE/IS/IE/IT/EL/ES/CY/LV /LI/LT/LU/HU /MT/NL/NO/PL/PT/RO/SI/SK/TR/FI/SE/CH/UK(NI)/HR.5150MHz~5350MHz is for indoor use only.
2. iWaylink INC declares that the radio equipment type for the TC603 is in compliance with Directive 2014/53/EU and Directive 2011/65/EU.

## United Kingdom Regulatory Notes

1. Requirements for UK: 5150~5350 MHz is for indoor use only.
2. iWaylink INC declares that the radio equipment type for the TC603 is in compliance with S.I. 2017 No. 1206 Radio Equipment Regulations 2017 and S.I. 2012 No. 3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

The full text of the EU and UK declaration of conformity is available at the following internet address:  
[www.imozengroup.com/support-category/download/](http://www.imozengroup.com/support-category/download/)

## FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC rules.
- The product complies with the FCC portable RF exposure limit set forth for an uncontrolled environment and is safe for interned operation as described in this manual. Further RF exposure reduction can be achieved if the product is kept as far as possible from the user's body or if the device is set to a lower output power if such function is available.

## Read More About This Manual & Download PDF:

---

## Documents / Resources





[iMozen group TC603 Mobile Computers](#) [pdf] User Guide  
TC603 Mobile Computers, TC603, Mobile Computers, Computers

## References

- [Download – iMozen Group](#)
- [iMozen Group](#)

Manuals+