

TC603

Portable data terminal

User's Manual

Version 1.0 2022/01/01

About This Manual

Thank you for purchasing the iMotion TC603 Enterprise Mobile Computer. This manual explains how to install, operate and maintain our product. No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without permission in writing received from iMotion. The material in this manual is subject to change without prior notice.

Regulatory

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 radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Signal Interference from TV or Radio

Data transmission or reception may fail or be affected by signal interference from nearby TV or radio devices.

Bluetooth Precautions

This device is designed based on standard Bluetooth specifications, but compatibility problems may occur when connecting with other Bluetooth devices. To avoid wireless signal interference, make sure there are no other wireless devices operating nearby in the same application area.

General Safety Precautions

Please read this User Manual thoroughly before using this device. Use only the 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. When replacing the battery pack or at the end of life of the TC603, disposal must be performed in compliance with the laws of your jurisdiction.

Laser Safety

Do not stare into the beam of the laser light from this device. The TC603 uses an Imager Aiming System with a laser light that is visible to the human eye and is emitted from the scan window at the top of the device.

Hearing Safety

Do not listen to ear phones at high volume levels to prevent the possibility of hearing damage.

Body-worn Operation Safety

This device was tested for typical body-worn operations. A minimum separation distance must be maintained between the user's body and the handset, including the antenna: 0.5 cm to comply with the RF exposure requirements in Europe. Third-party belt-clips, holsters and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

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:

- Do not stock this device under high temperature conditions that may cause the battery to overheat.
- Do not charge longer than required.
- Charge this device in a place without 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 TC603 AC adapter 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 if there is liquid or dew on the device.
- Do not use the AC adapter outdoors.
- 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.

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Chapter 1: Getting Started

Introduction

The TC603 Enterprise Mobile Computer is a compact enterprise-focused mobile computer that is ideal for industrial and commercial applications such as retail, warehousing, logistics, and field service. The thin, lightweight, and rugged TC603 offers secure and reliable management of corporate data and wireless communications.

The TC603's key features include a rapid Qualcomm® Snapdragon™ 660 Octa core 64-bit processor, 6" touchscreen display, barcode imager, long lasting battery, quick charge adaptor, and rugged durability.

This User's Manual provides information on how to use this device and its accessories.

Unpacking

Carefully remove and unpack the TC603 device and other package items from the protective material. Save the containers for later storage and shipping.

Check that you have received the following items:

- TC603 mobile computer
- Battery pack
- Adapter
- USB charging cable (Type C)
- Hand strap
- Quick guide

Inspect the items for damage. If any item is damaged or missing, contact your customer support representative. Before using the TC603, remove the protective film that covers the display, camera window, and scan window.

Features

The illustrations and tables below describe the features of the TC603 and a description of their functions.

Front View

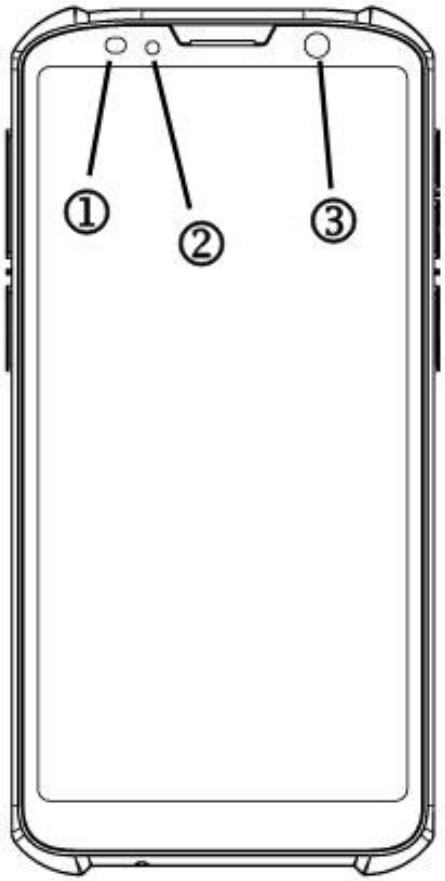


Table 1 *– TC603 Front View Features and Functions*

No.	Feature	Function
①	Scan LED	Lights red during scanning, and green when scan is acquired.
②	Charging/Info LED	Lights red during charging, green when battery is fully charged, and blue for message notification.
③	Front Camera	Takes photos and videos.

Side Views

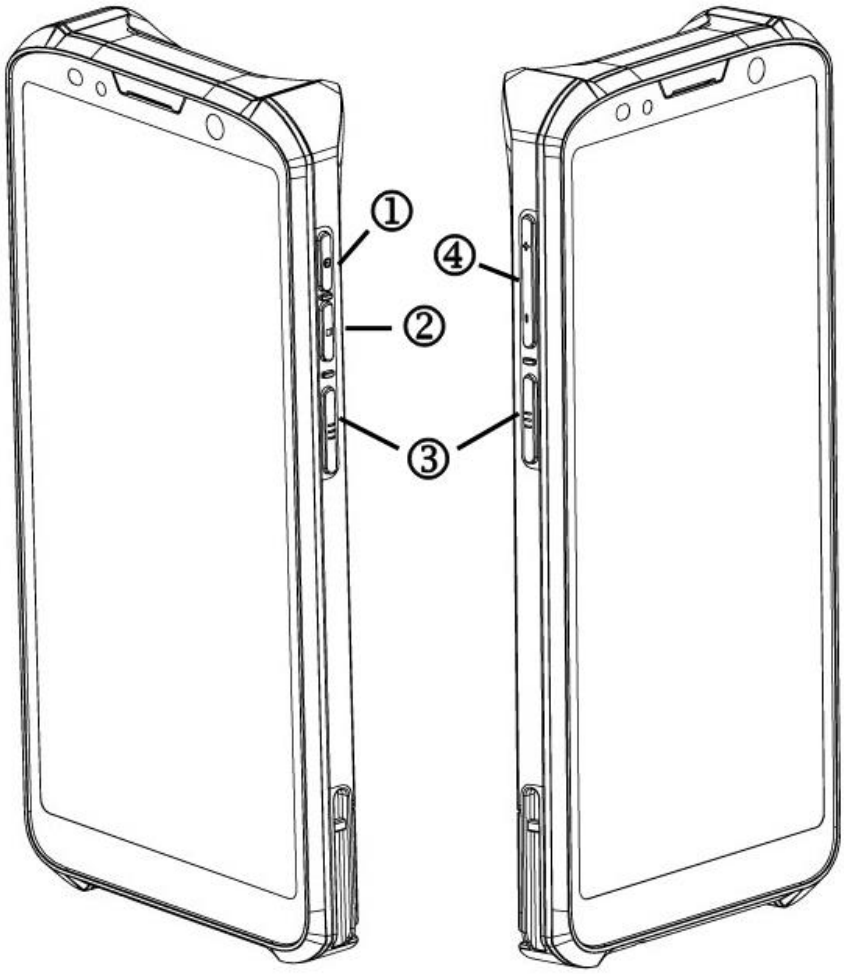


Table 2 *– TC603 Side Views Features and Functions*

No.	Feature	Function
①	Power Button	Press and hold to power on the device. Press briefly to turn the display on and off. Press and hold to power off.
②	Function Button	Engages app functions that can be set according to an app's instructions.
③	Scan Buttons	Press to scan for data capture.

④	Volume Up /Down	Increase or decrease audio volume.

Back View

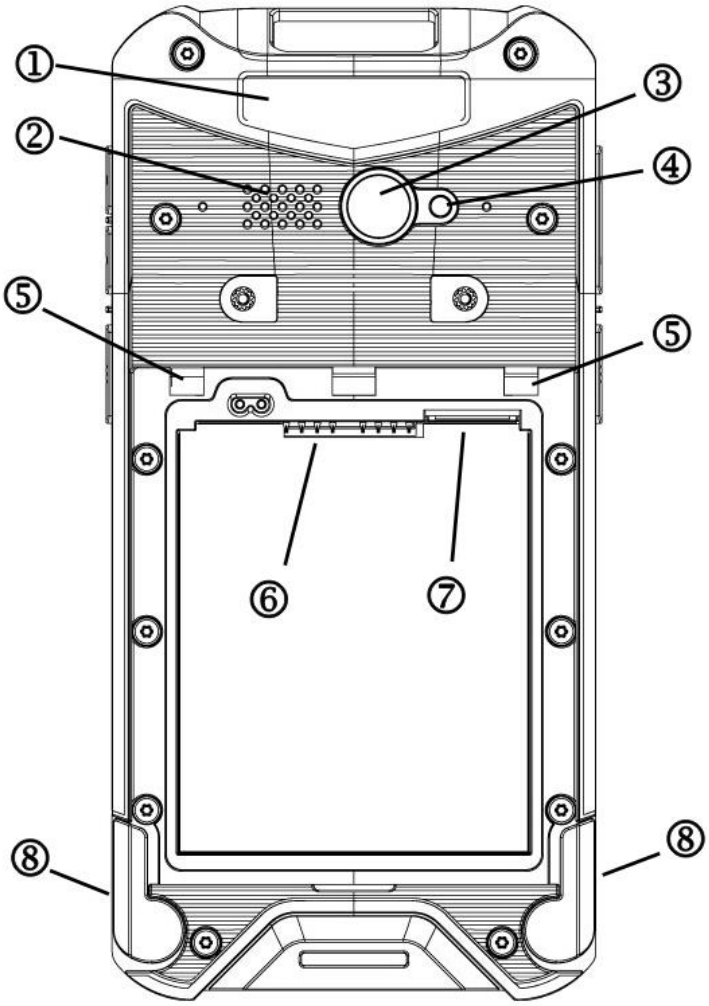


Table 3 *– TC603 Back View Features and Functions*

No.	Feature	Function
①	Laser Warning Label	Warns users not to stare into the laser light beam.
②	Speaker	Audio output for music, videos, and speakerphone.
③	Back Camera	Takes photos and videos.

④	Flash LED	Provides camera flash.
⑤	Battery Cover Latches	Insert battery cover and lock with the battery cover lock switches.
⑥	Battery Pins	Connects battery.
⑦	SIM and Micro SD Card Slot	Install two Nano SIM Cards and /or a Micro SD Card in this slot.
⑧	Battery Cover Lock Switches	Use these switches to lock or open battery/cover.

Top View

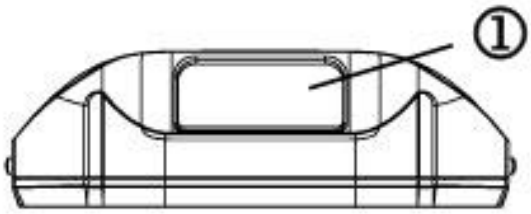


Table 4 *– TC603 Top View Features and Functions*

No.	Feature	Function
①	Scan Window	Scans and captures data.

Bottom View

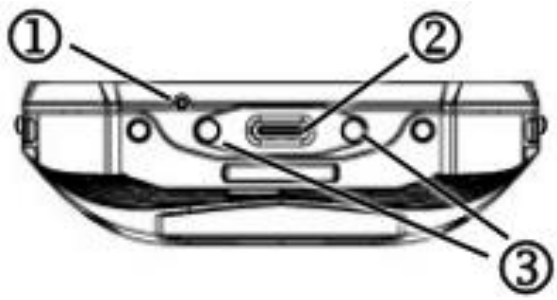


Table 5 *– TC603 Bottom View Features and Functions*

No.	Feature	Function
①	Microphone	Receives or records voice, music, and other audio.
②	USB Connector	USB 3.1 (type-C) connects USB cable for device charging and file transfer, or 3.5mm DIA stereo headset jack.
③	Cradle IO Connecter	Connects to cradle (two pogo pins) for charging and communications

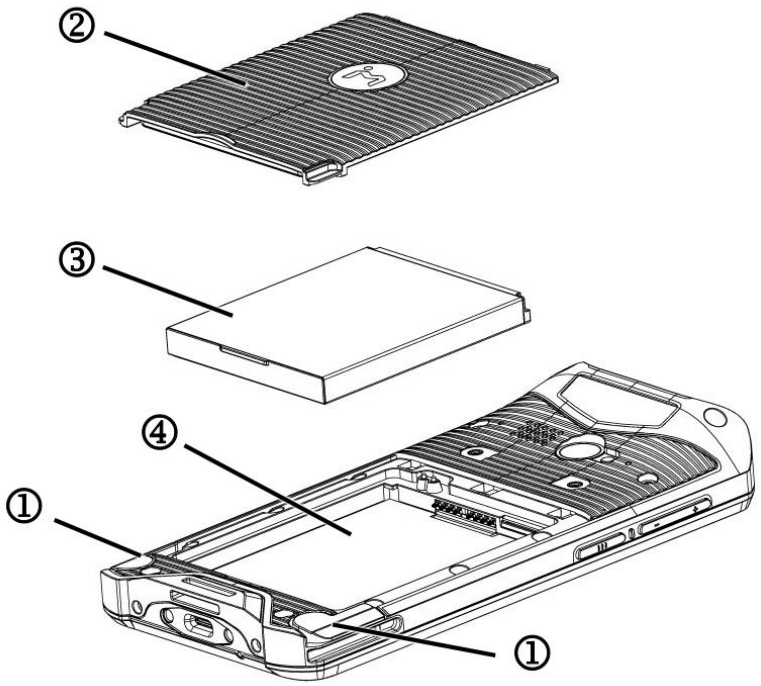
Initial Setup

Before using the TC603 device for the first time, please perform the following procedure.

1. Install the battery.
2. Install Nano SIM cards and/or Micro SD card for secondary storage (optional)
3. Charge the battery
4. Power on the TC603.

Battery Installation

1. Open the two battery lock switches, and remove the battery cover.
2. Align the connectors of the battery pack and the device connectors and slide it into place.
3. Slide the battery cover into place.
4. Push the battery lock switches to Closed to secure the battery cover.



① Battery Cover Lock Switches

② Battery Cover

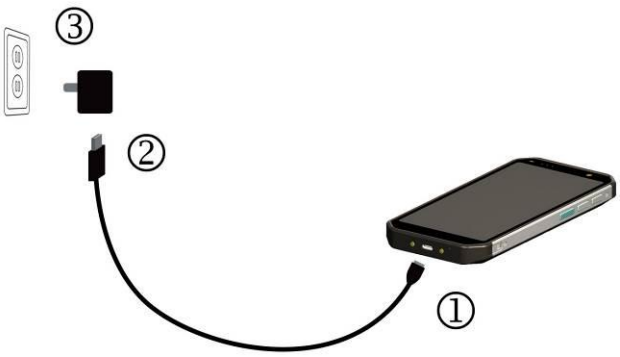
③ Battery Pack

④ Battery Slot

Charging the Battery

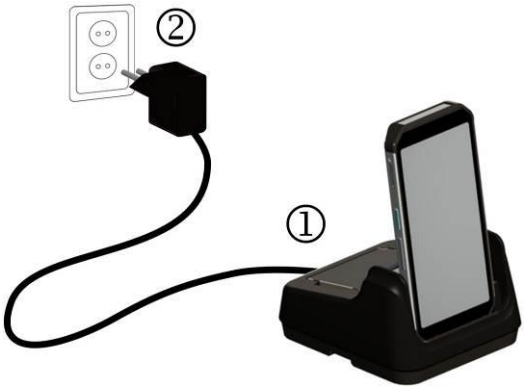
The TC603 is shipped with a lithium-ion battery that is not fully charged. Before using the TC603 for the first time, you must fully charge the battery. For general use, if the battery has been discharged for several days, you may need to charge it for several minutes before powering on the device. Use only the adapter and the USB cable that came with this device or the optional charging cradle to charge the battery. When the battery power is low, use either the power adapter or the charging cradle to charge instead of using the USB cable to charge from your computer.

Charging via USB cable and Power Adapter



1. Insert the USB cable's Type-C connector to the connector on the bottom of the device.
2. Insert the USB cable connector to the power adapter.
3. Plug the power adapter into a power outlet to begin charging.

Charging via the Charging Cradle



1. Insert the device into the charging cradle.
2. Plug the power cord into a power outlet to begin charging.

Nano SIM Card/Micro SD Card Installation

To install Nano SIM cards and/or a Micro SD card, please follow the steps below:

1. Turn off the TC603 or put it in Battery Swap Mode.
2. Open the two battery lock switches, and remove the battery cover.
3. Remove the battery pack
4. Locate the Nano SIM/Micro SD Card tray on the upper right side of the battery slot.
5. With your fingernail, gently pull the Nano SIM/Micro SD Card tray out.
6. Insert the Nano SIM card(s) and/or Micro SD card into the proper slots.
7. Slide the SIM tray back into place.
8. Return the battery pack and battery cover and lock the battery cover latch switches into place.

Switching Power On and Off

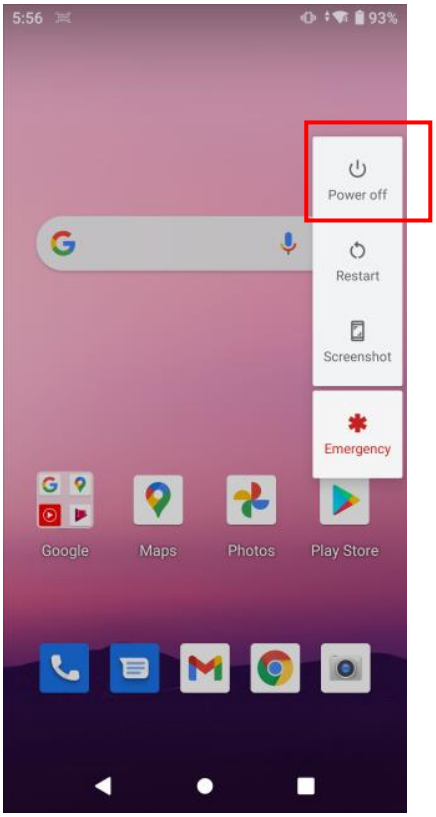
The power button is located on the right side of the device.

Switching Power On

Press the power button until the TC603 screen appears.

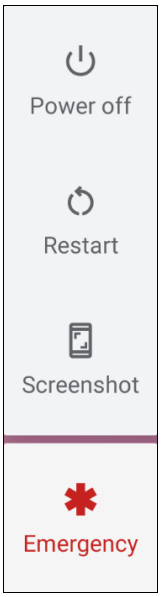
Switching Power Off

1. If the display is off, press the power button to turn it back ON.
2. Press and hold the power button for a few seconds and the Power Button menu appears
3. Tap **Power off**.



Power Button Panel

The Power Button Panel provides easy access to frequently used power functions. To access the Power Button Panel, press and hold the Power Button for two seconds and the menu below appears.


Power off
Restart
Screenshot
Emergency

The table below describes the selections in the Power Button Panel.

Tile	Description
	**Power off** to shut off the device.
	**Restart** shuts down and reboots the system.
	**Screenshot** captures the current screen.
	**Emergency** is a shortcut for users to access the Emergency call page which allows users to dial Emergency numbers and access Emergency Information where you can view and input necessary medical information and emergency contacts.

Using the Touchscreen

You can operate the TC603's touchscreen using one or two fingers and the motions described below.

Motion	Description
Tap	Touch an object on the screen such as an icon or a control.
Double-tap	Touch the screen twice at the same point to zoom in on an image or map.
Touch and hold	Tap the screen object and hold. The object "floats" so you can drag it around, or a pop-up menu may appear.
Swipe	Tap on one spot and slide your finger to another spot. This action moves information around on the screen.
Drag	Touch and swipe to move items on the screen. Lift

	your finger to complete the action.
Pinch	Touch the screen with two fingers that are separated and then bring them together. This motion zooms out on an image or map.
Spread	Touch the screen with fingers together and then spread them to zoom in on an image or map.
Rotate	Use two fingers to twist a central point on the screen, which rotates an object on the screen.

Managing Settings

You can control the TC603's settings for wireless & networks, device, personal, and system using the system settings below.

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Swipe to scroll down and choose among the main device and settings below.
4. Adjust settings as needed.

Category	Settings
Network & internet	Wi-Fi, Mobile network, Data Saver, Hotspot & tethering, SIM cards, Mobile plan, Ethernet, Airplane mode, VPN, Private DNS
Connected devices	Pair new device, Connection preferences:
Apps & notifications	Notifications, Screen time, Default apps, Permission manager, Emergency alerts, Special app access
Battery	Battery saver, Battery Manager, Battery percentage, Last full charge, Screen usage since full charge, Battery charge settings

Display	Brightness level, Dark theme, Night Light, Adaptive brightness, Wallpaper, Screen timeout, Auto-rotate screen, Font size, Display size, Screen saver, Lock screen display
Sound	Media volume, Call volume, Ring volume, Alarm volume, Vibrate for calls, Do Not Disturb, Shortcut to prevent ringing, Phone ringtone, Default notification sound, Default alarm sound, Other sounds and vibrations
Storage	Storage manager, Photos & videos, Music & audio, Games, Movie & TV apps, Other apps, Files, System
Privacy	Permission manager, Show passwords, Lock screen, Autofill service from Google, Google location history, Activity controls, Ads, Usage & diagnostics
Location	App permission, Wi-Fi and Bluetooth scanning, Emergency Location Service, Google Location Accuracy, Google Location History, Google Location Sharing
Security	Google Play Protect, Security update, Find My Device, Google Play system update, Screen lock, Smart Lock, Device admin apps, Encryption & credentials, Trust agents, Screen pinning
Accounts	Accounts for Owner, Add account, Automatically sync data
Accessibility	Volume key shortcut, Select to Speak, TalkBack, Text-to-speech output, Font size, Display size, Dark theme, Magnification, Color correction, Color inversion, Large mouse pointer, Remove animations, Interaction controls, Audio & on-screen text,

	Experimental
Digital Wellbeing & parental controls	Your Digital Wellbeing tools, Parental controls
Google	Google Account, Services
BarcodeSettingsX	Enable Scanner, Scanner settings, Good read, Formatting, Wedge, Symbology Settings, Enable all symbologies, Disable all symbologies, Reset configuration, Export Settings Profile
NTP Server	Default NTP Server, Self-definition, Current NTP Server
Programmable key	Redefine key, View redefined key list
System	Languages & input, Gestures, Date & time, Backup, Reset options, Multiple users, System update
About phone	Owner, Device name, Phone number (sim slot 1), Phone number (sim slot 2), Emergency information, Legal information, SIM status (sim slot 1), SIM status (sim slot 2), Model & hardware, IMEI (sim slot 1), IMEI (sim slot 1), Android™ version, IP address, Wi-Fi MAC address, Bluetooth address, Up time, Ethernet MAC address, Build number, Touch Firmware Version

Setting Date and Time

Set the date and time or time zone manually if the wireless LAN does not support Network Time Protocol (NTP).

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon:
3. Swipe to scroll down to **System** then tap **Date & time**.

4. Disable **Use network-provided time** and disable **Use network-provided time zone**.
5. Tap **Set date**. In the calendar, set today's date and touch **OK**.
6. Tap Set time.
7. Tap and drag the green circle to the current hour and release.
8. Tap and drag the green circle to the current minute and release.
9. Tap **AM** or **PM**, then touch **OK**.
10. Tap **Select time zone** and select your time zone from the list.
11. Tap the **Home Key** to return to the Home screen.

Setting the Display

Set the display settings to adjust brightness, set screen rotation, adjust sleep time, and change font size.

Adjusting Screen Brightness

To manually adjust screen brightness:

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap Display
4. Tap Brightness level and adjust the brightness slider to change the brightness.
5. Tap the **Home Key** to return to the Home screen.

Setting Screen Rotation

To set screen rotation:

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Display** and then **Advanced**.
4. Slide the **Auto-rotate screen** slider to **On** to enable screen rotation when the device is rotated or slide to **Off** to disable screen rotation.

5. Tap the **Home Key** to return to the Home screen.

Adjusting Screen Timeout

To set the time of inactivity before the screen goes into screen timeout mode:

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Display** then **Advanced**.
4. Tap **Screen timeout**.
5. Select a time of inactivity before the screen goes into timeout mode.
6. Tap the **Home Key** to return to the Home screen.

Changing Font Size

To change the screen font size:

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Display** then **Advanced**.
4. Tap **Font size**.
5. Slide the font slider to make the screen text larger or smaller.
6. Tap the **Home Key** to return to the Home screen.

Accessibility

The TC603 offers several accessibility options to assist people with visual of motor impairments. To use the accessibility options:

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Accessibility**.
4. Tap and set the desired options.

Chapter 2: Using the TC603

This chapter describes using the TC603's basic functions as well as its buttons, controls, status icons, and tiles.

Lock Screen

When you turn on the TC603, the Lock screen appears. Unlock the screen as follows.

1. Press the Power button to turn on or wake the TC603.
2. Swipe up from the lock icon at the bottom.
3. If the PIN or Password feature is enabled, then enter the required PIN or Password to unlock.



Home Screen

After you unlock the screen, the Home screen appears. It may vary in appearance from the screen below depending on the configuration. You can move or place apps, shortcuts, and widgets to screens on the right of the Home screen.



***Table 6** – Home Screen Features*

No.	Feature	Function
1	Status Bar	Displays the time and notification icons on the left, and status icons and battery percent on the right.
2	Widgets	Stand-alone applications such as the clock, calendar and others can be placed and launched from the Home screen.

3	Shortcut Icons	Application shortcuts can be placed anywhere on the Home screen.

Status Bar

The status bar displays notification icons on the left and status icons and the time on the right.

Notification Icons

Notification icons alert you to alarms, new messages, and events. Some common notification icons are described in the table below.

Table 7 *– Notification Icons*

Icon	Descriptions
	Data is syncing.
	A data syncing problem has occurred.
	Battery low.
	Upcoming event.
	Uploading data.
	Downloading when animated. Download finished when static.
	Internal storage preparing.
	More notifications to view.

Status Bar Icons

Status bar icons are described in the table below.

Table 8 *– Status Icons*

Icon	Descriptions
	Battery charging.
	Battery fully charged.
	Battery partially drained.
	Battery very low.
	Alarm active.
	Vibrate mode.
	Airplane mode.
	Bluetooth on.
	Bluetooth connection
	Connected to Wi-Fi network.
	Not connected to a Wi-Fi network, or No Wi-Fi signal.
	Connected to an Ethernet network.
	Portable Wi-Fi hotspot active.

Navigation

At the bottom of the TC603 screen there are three buttons for basic screen navigation. The buttons appear white on a dark screen or black on a light screen.

Table 9 *– Navigation Buttons*

Icon	Descriptions
	**Back** This goes to the previous screen you were working in. You can tap this button to go back only as far as the Home screen.
	**Home** This button returns you to the Home screen.
	**Overview** This opens a list of screens that you have worked in recently. Tap a screen thumbnail to open it. To remove a screen from the list, swipe left or tap X.

Notifications Management

Notifications tell you when you have a new message, remind you of a calendar event, or alert you to an alarm. Notification icons appear on the left side of the status bar.

Open and Respond to a Notification

1. To open notifications, drag down from the status bar at the top of the screen.
2. Some notifications such as email previews or calendar events can be expanded by swiping down slowly on the notification.
3. Tap an app notification to open the related app.
4. Tap a notification to close it, or swipe left to dismiss.

Set Application Notifications

1. Swipe down from the status bar to open the quick access panel.
2. Tap the  icon to access **Settings**.
3. Tap **Apps & notifications**.
4. Choose an App to adjust its notifications.

Quick Access Panel

The quick access panel provides a fast and easy way to access frequently used functions.

1. Swipe down from the status bar to open the quick access panel.
2. Swipe the pull-down bar on the quick access panel.
3. Slide the display slider at the top to adjust screen brightness.
4. Tap the tiles to access or enable/disable frequently used functions.

The table below describes tile selections in the Quick Access Panel.

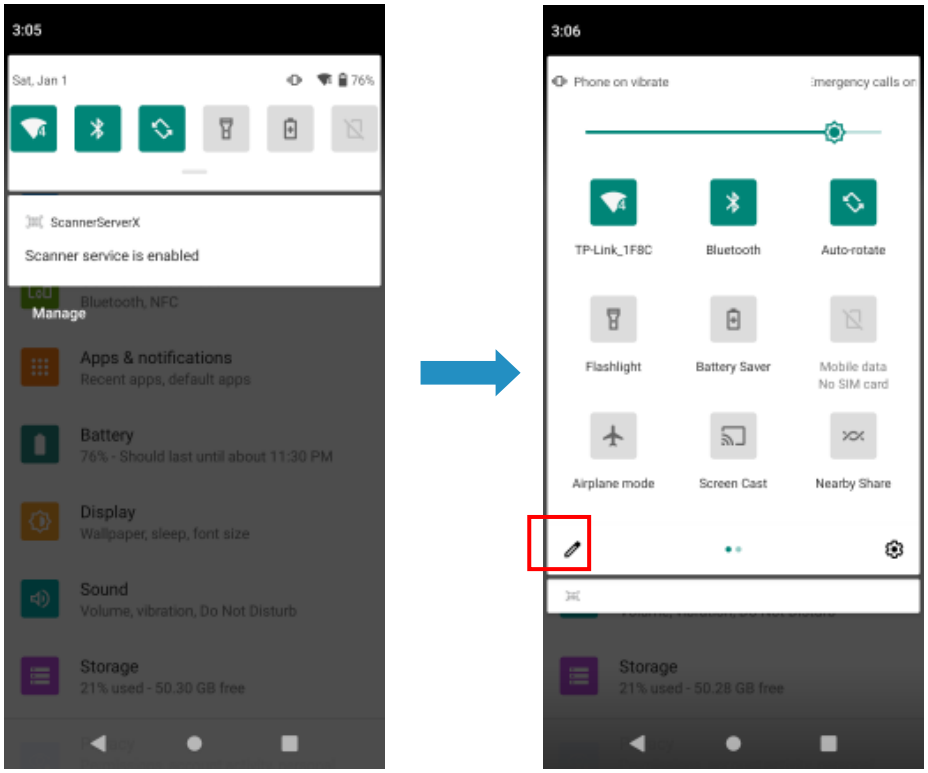
Tile	Description
Display brightness	Slide to adjust screen brightness.
Wi-Fi	Turn Wi-Fi on or off, and adjust settings
Bluetooth	Turn Bluetooth on or off, and adjust settings
Auto-rotate	Set Portrait orientation or Auto-rotate
Flashlight	Turn flashlight on or off
Battery Saver	Turn on battery saving mode
Mobile data	Indicates if SIM cards are present
Airplane mode	Enable/Disable Airplane mode.
Screen Cast	Puts your screen and audio on a TV
Nearby Share	Use Bluetooth, Wi-Fi or NFC to share content
Do Not Disturb	Control when to receive notifications
Location	Turn location on or off
Hotspot	Turn mobile hotspot on or off
Invert colors	Inverts colors for comfort reading
Data Saver	Restricts background use of cellular data
Dark theme	Reduces power and improves low-light use

Night Light	Toggles screen light intensity for night reading
Focus mode	Pauses selected apps to minimize distractions
Bedtime mode	Limits interruptions to support sleep

Customizing the Quick Access Panel

You can edit which functions are available in the quick access panel according to your preferences.

1. Swipe down from the status bar to open the quick access panel.
2. Swipe left and right to reveal the entire quick access panel.
3. Tap the pen icon at the bottom of the quick access panel to edit the function tiles. Swipe up to see additional tiles.
4. Tap and hold to move the various tile between the active and disabled sections. Move tiles you don't frequently use to the bottom and replace them with tiles you may use more frequently.



Battery Management

To manage the battery, you can monitor battery use via the battery status icons in the status bar as well as the battery settings screen; you can also save the battery by reducing the device's energy consumption.

Monitoring Battery Use

Besides keeping an eye on the battery icons in the status bar, you can also access the Battery screen in Settings for information on battery usage.

1. Swipe down from the status bar to open the quick access panel.
2. Tap the  icon to access **Settings**.
3. Scroll to **Battery** and tap to open.
4. The **Battery** screen displays percent of charge remaining and estimated time left on the battery.
5. Tap the **Battery** screen to show the discharge graph with details on usage, such as the rate of discharge since last charge.
6. Tap the applications to see details on their power consumption.

Optimizing Battery Savings

The following tips can help you save on battery consumption.

- Reduce screen brightness.
- Set the screen to turn off after short periods of non-use.
- Turn off Wi-Fi and Bluetooth when not in use.
- Turn off automatic syncing.
- Minimize use of applications such as for music and videos that prevent the device from entering suspended mode.

Barcode Scanning

The TC603 supports barcode data capture using an integrated 2D scan engine that provides omnidirectional reading of wide variety of common

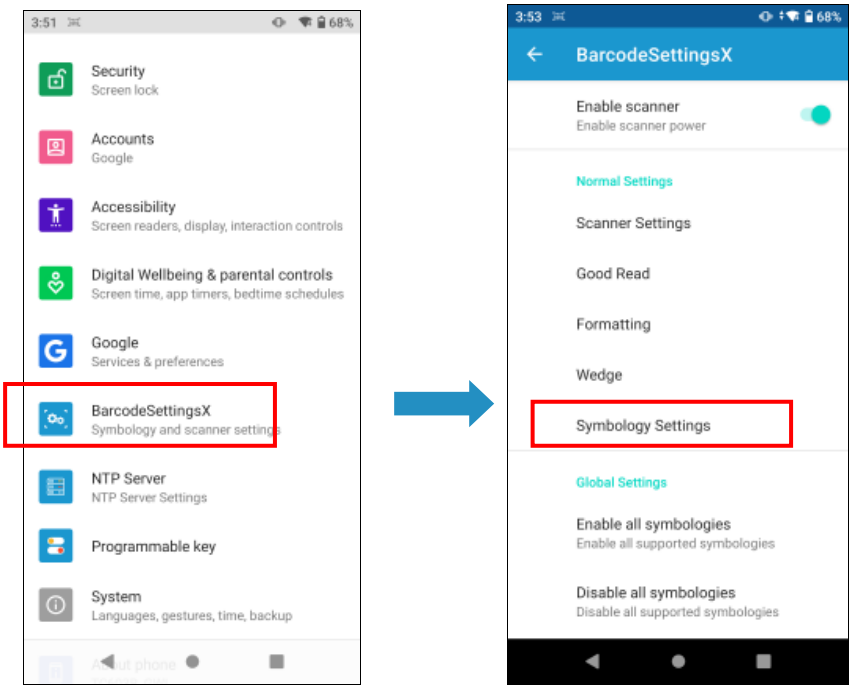
barcode symbologies including postal, QR Code, PDF417 and 2D matrix code types. The easy point-and-shoot operation utilizes advanced LED cross-hair and dot aiming. The imager takes a picture of the barcode, stores the image, and uses the latest decoding algorithms to acquire data from the barcode.

Scanning a Barcode Label

1. Point the TC603's scan window at the barcode you wish to scan.
2. Press the scan button on either side of the device. You can also access the Scan App described below and tap the scan or trigger button.
3. The imager projects an aiming pattern to position the barcode in the imager's field of view. Center the red aiming pattern on the barcode.
4. Release the scan button or press stop on the trigger button to capture and decode the image.

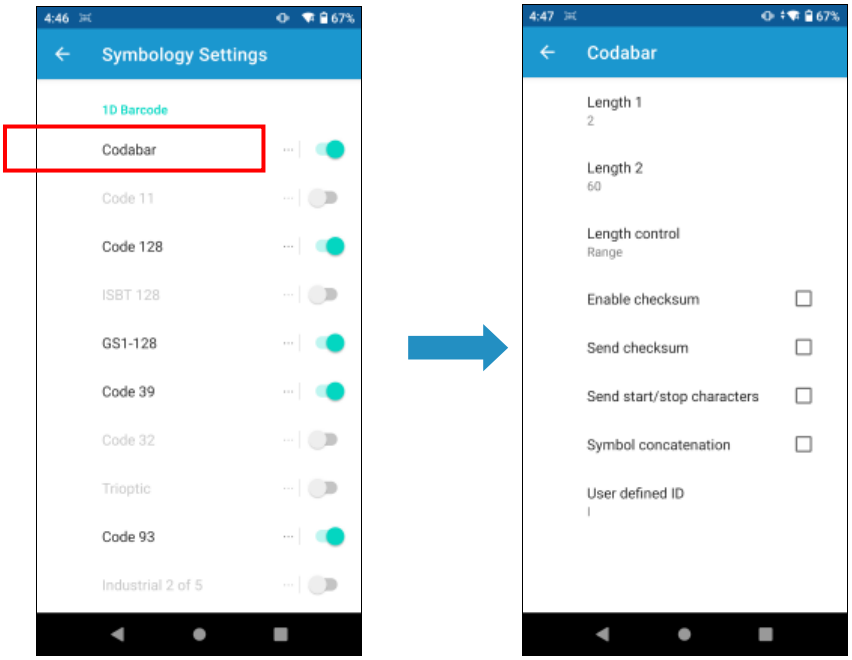
Scanner Settings

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Barcode** to go to the barcode settings screen.

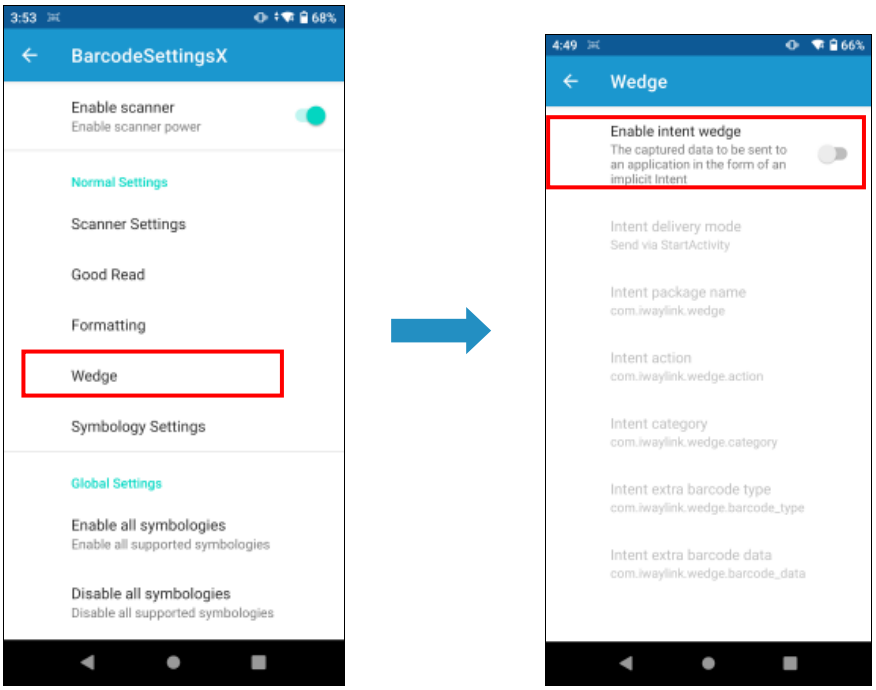


4. Tap **Symbology Settings.** Parameters of each code are different.

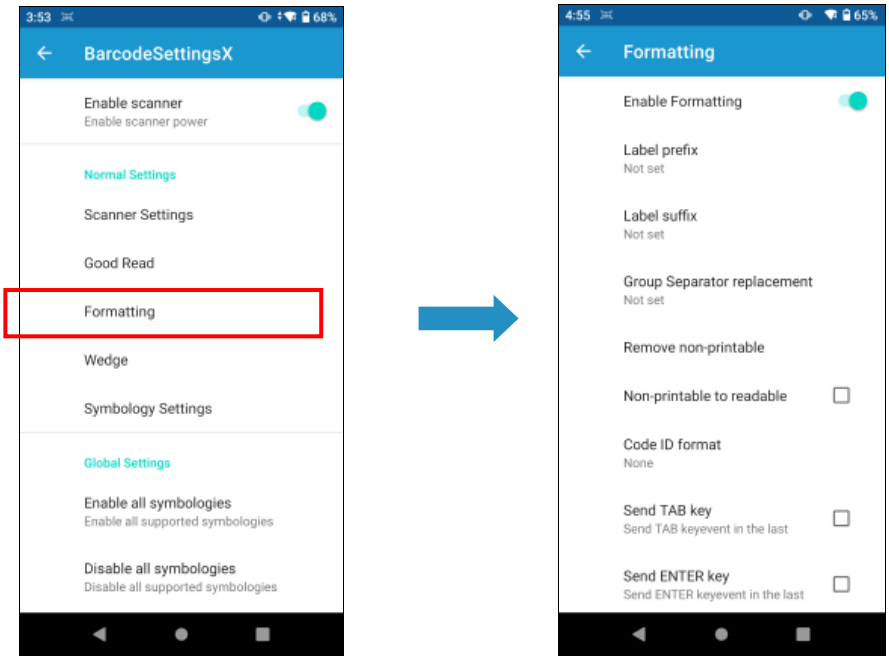
Note: For a list of the codes supported, please refer to **Barcode Support Information** in the Appendix.



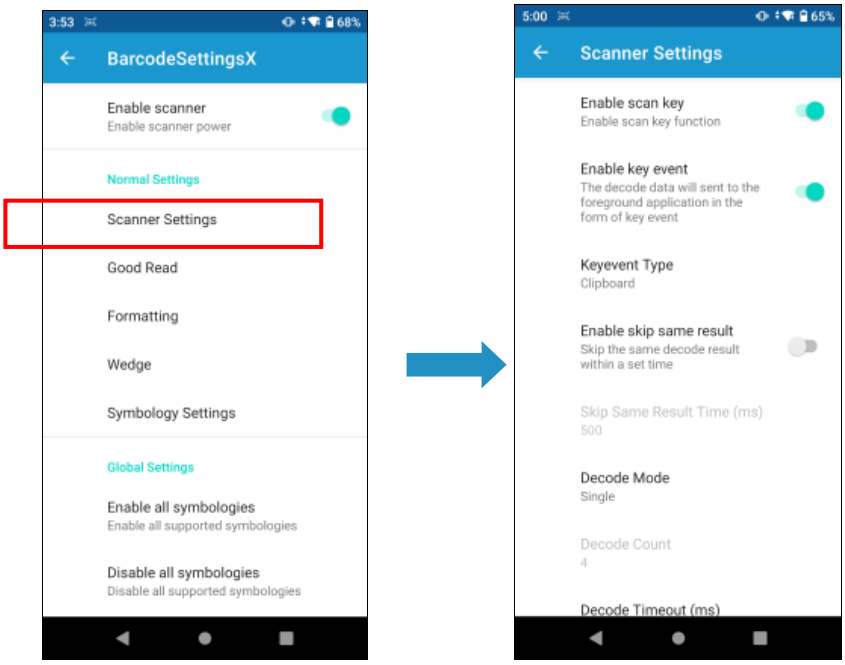
5. From the barcode settings screen, tap **Wedge** to enable or disable intent wedge / keyboard wedge.
6. Enable or disable the other settings of intent wedge.



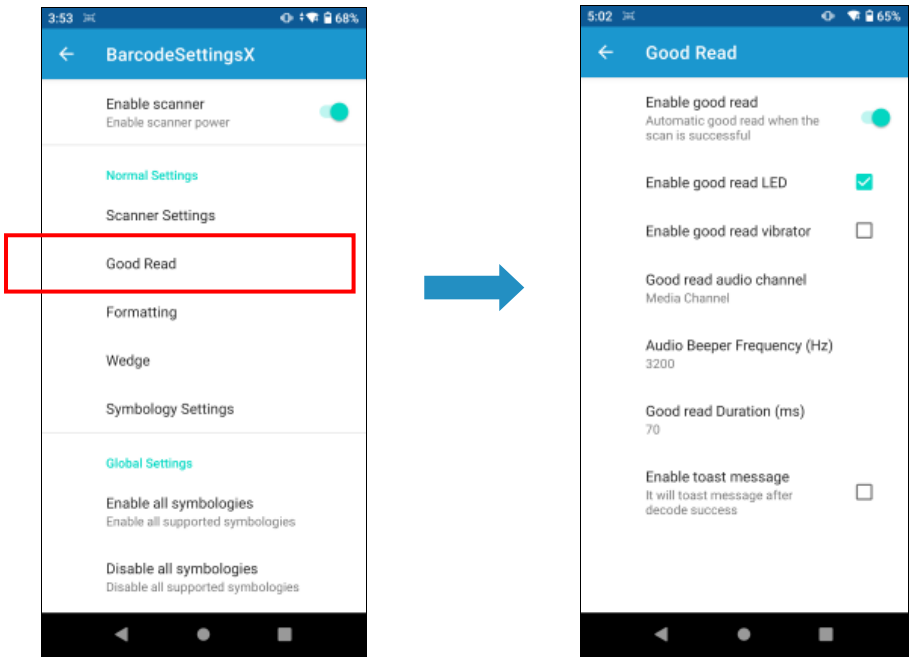
7. From the barcode settings screen, tap **Formatting** to set Label prefix /suffix.
8. Enable or disable code ID, or set up separator characters of data formats when you scan a barcode.



9. From the barcode settings screen, tap **Scanner settings** to set scanner engine behavior.



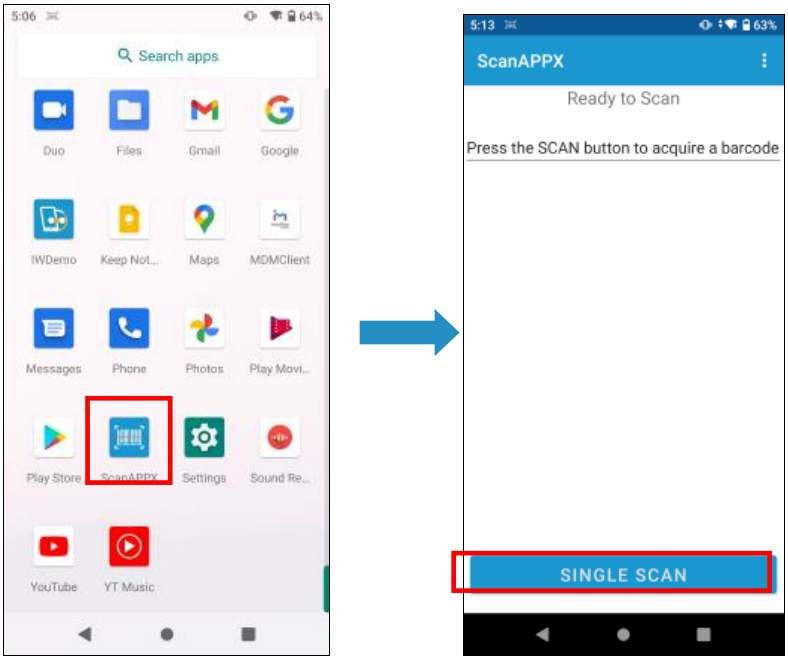
10. From the barcode settings screen, tap **Good read** to enable / disable vibrator and other behavior settings.



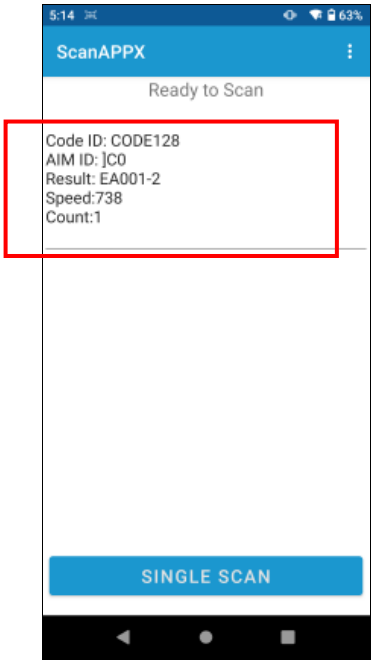
11. Tap the **Home Key** to return to the Home screen.

Scan App

1. In the Home screen, swipe up from the bottom to access apps.
2. Tap  to open ScanAPPX.



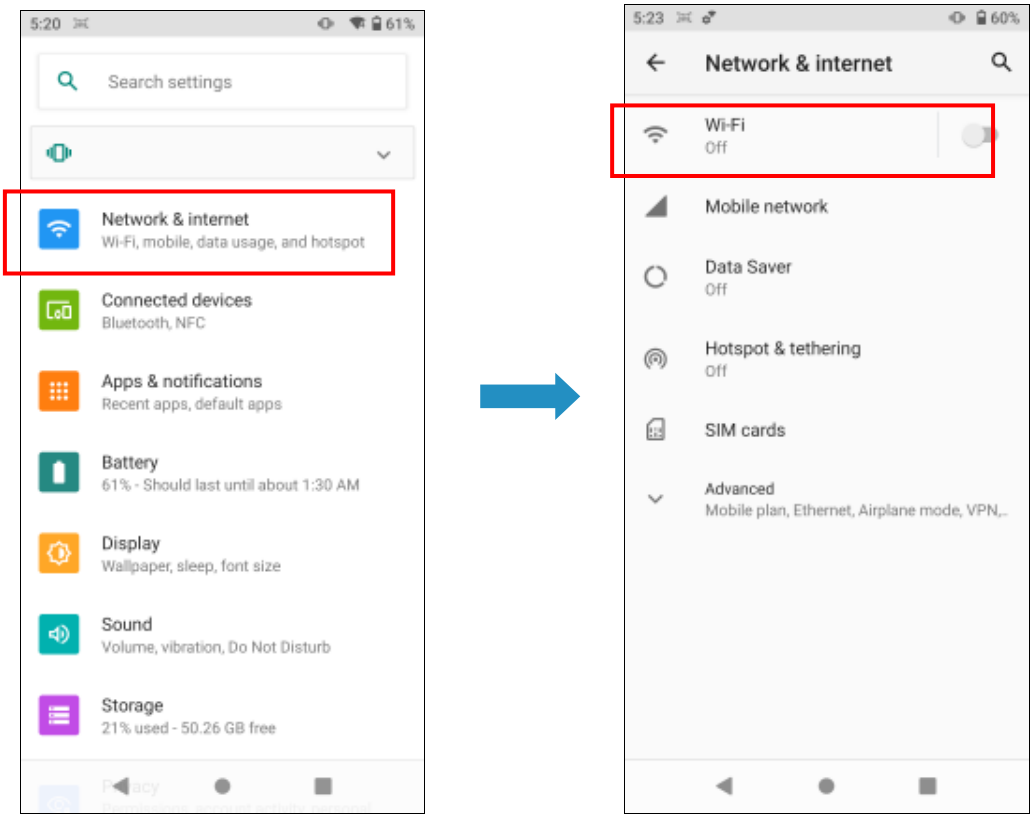
3. Tap the **Scan** button on the screen and aim at a barcode. Note that you can also use the scan buttons on each side of the TC603. The content of the barcode is displayed when decoding is complete.
4. Tap the **Home Key** to return to the Home screen.



Network & Internet

You can configure the TC603 for use with Wi-Fi to allow wireless connection to the Internet. Make sure the required hardware for the Wi-Fi is set up and correctly configured to enable wireless communication. Configure networks and internet as below.

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap Network & Internet.
4. The **Wi-Fi** selection is at the top of the screen, where you can enable/ disable **Wi-Fi** settings.



Wi-Fi

To use Wi-Fi, you need access to a wireless access point or a “hotspot”.

1. Tap **Wi-Fi** and switch it to **On**. A list of detected wireless networks

appears.

2. Tap the Wi-Fi network you wish to connect to.
3. If you have selected a secured network, enter the network key or password.
4. Tap connect. The Wi-Fi icon in the status bar appears when connected.
5. Tap the network and select **Forget** to disconnect from the network.

If the wireless network that you want is not listed, tap + to manually add it.

When enabled, the Wi-Fi icon  is displayed on the status bar.

Setting Up a Wi-Fi Hotspot

You can share your data connection with other devices by turning the TC603 into a Wi-Fi hotspot.

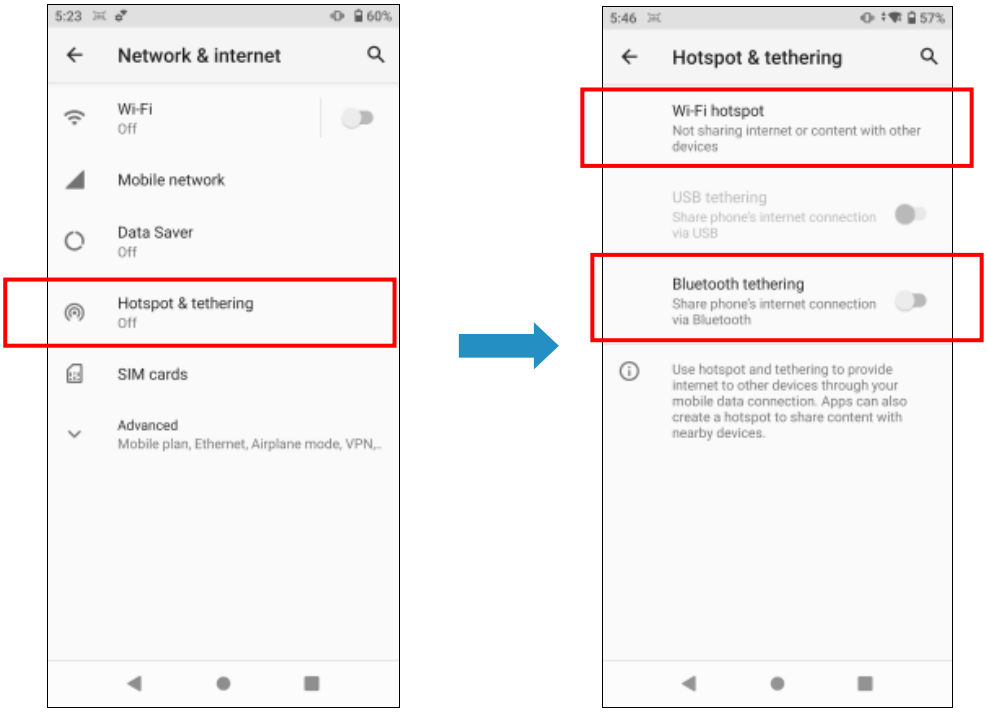
1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Network & internet**.
4. Tap **Hotspot & tethering**.
5. Tap **Wi-Fi hotspot** and turn it on.
6. The first time you turn on the **Wi-Fi hotspot**, you need to set it up.
7. Enter a hotspot name or use the default.
8. Enter a password or use the default.

When enabled, the Hotspot icon  is displayed in the status bar.

Connecting with Bluetooth

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Network & Internet**.
4. Tap **Hotspot & tethering**.
5. Turn on **Bluetooth tethering**.

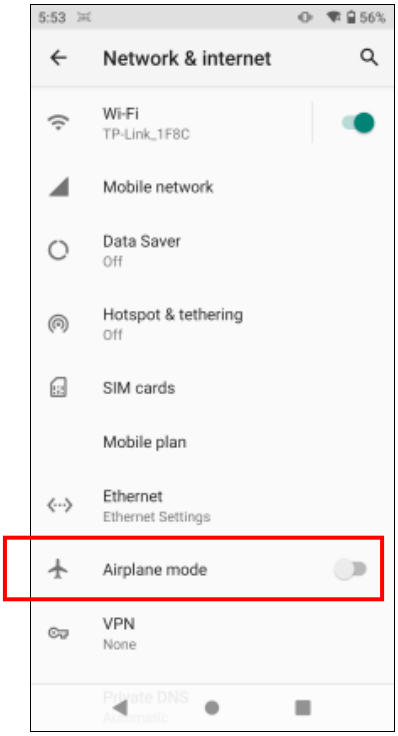
6. Connect the TC603 to your computer using Bluetooth.



Airplane Mode

When you enable **Airplane mode**, all wireless functions on the TC603 are turned off, including the call function, data services, Bluetooth, and Wi-Fi. When you disable **Airplane mode**, the call function is turned back on and the previous Bluetooth and Wi-Fi settings are restored. Note that you can manually turn Bluetooth and Wi-Fi back on after enabling Airplane mode.

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Network & internet**.
4. Switch **Airplane mode** to On or Off.

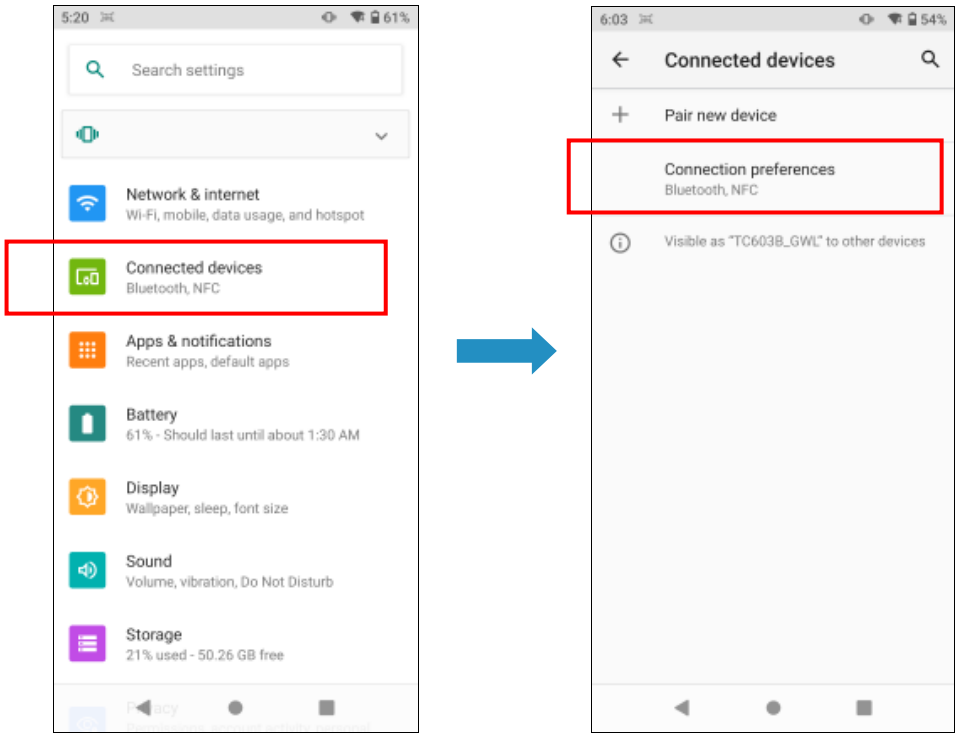


When enabled, the Airplane mode tile is displayed in the status bar.

Connected devices

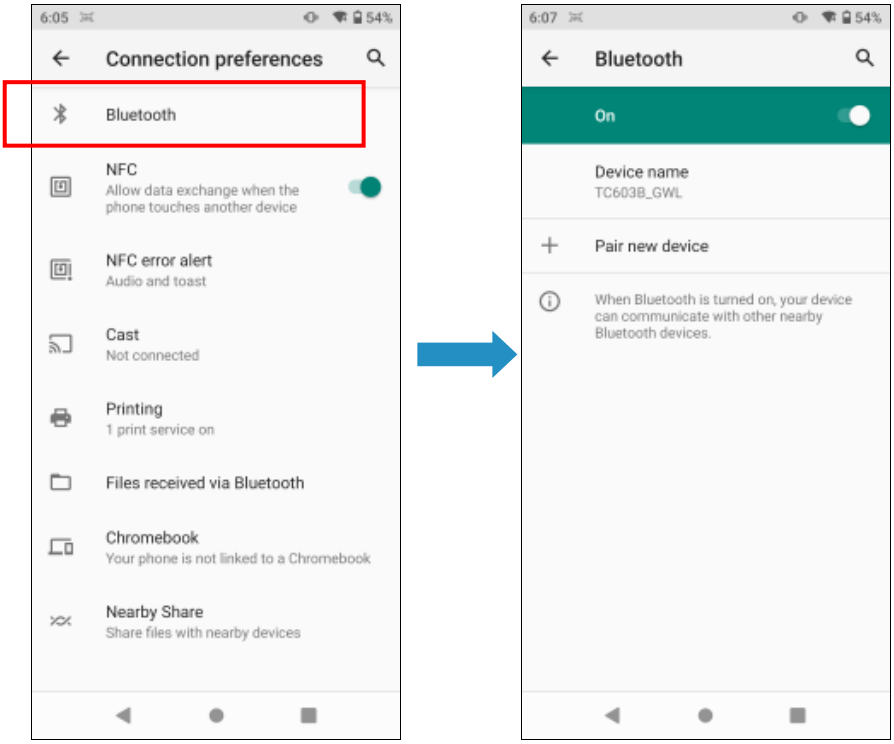
You can connect the TC603 to other devices via Bluetooth, NFC, or USB. Make sure the required hardware for the other devices is set correctly to enable connection. Connect to other devices as below.

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon:
3. Tap **Connected devices**.
4. Tap **Connection preferences**.
5. A list of ways to connect devices appears.



Bluetooth

1. Tap **Bluetooth** and switch it **On**. A list of available devices appears.



2. If you don't see your device listed, tap the upper right settings tile and **Refresh** to refresh the list.
3. Tap the name of your device in the Available Devices section. TC603 pairs with the device and the connection status is displayed in the Paired Devices section.
4. If prompted to enter a password, try 0000 or 1234, or consult the device documentation to find the password.

Connected Bluetooth devices appear in the status bar. Normally, you can easily reconnect a device by switching the TC603's Bluetooth function **On**, and then turning on the device. However, you might have to connect manually if you have used your device with another Bluetooth device.

When enabled, the Bluetooth tile is displayed in the status bar.

NFC

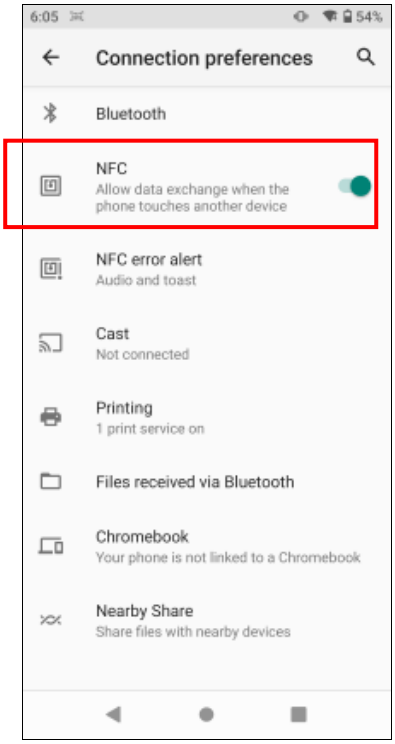
The TC603 has built-in NFC (near field communication) so you can share content to another NFC capable mobile device in an instant.

The NFC lets you beam webpages, photos, contact information, and more by holding the TC603 and the other device back-to-back.

Turning NFC On or Off

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Connected devices**.
4. Tap **Connection preferences**.
5. Switch **NFC** to On or Off.

Note: Enable /disable NFC will also enable /disable **Android Beam**.



Connecting with another NFC Device

1. Make sure that both devices are unlocked and have **NFC** turned on. If the other device has an **Android Beam** option, make sure it is also turned on.
2. Make sure that the NFC area of the TC603 and the other device's NFC area are close together. Experiment by moving the devices slightly until a connection is made.
3. Tap a screen and the shared content appears on the other screen.

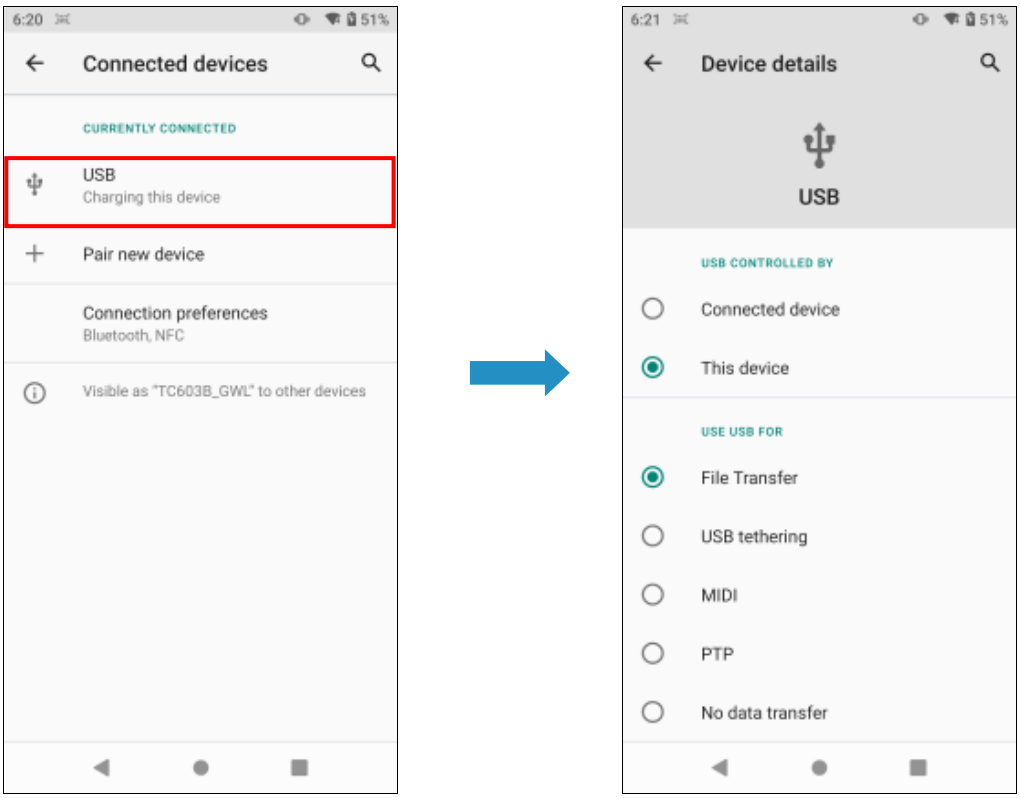
For some items that you've shared, such as contact information, additional instructions on how to save the item will appear on the receiving device.

USB Connection with a PC

Connecting your device to a computer via USB allows you to charge the device, as well as transfer files to or from the computer. The operating system should be Windows 7 or above.

Turning USB On or Off

1. Connect the TC603 via USB cable to your computer.
2. Swipe down from the status bar to open the quick access panel.
3. Tap the **Settings** icon: 
4. Tap **Connected devices**.
5. Tap **USB.**
6. Tap on the desired **USB Preferences**.

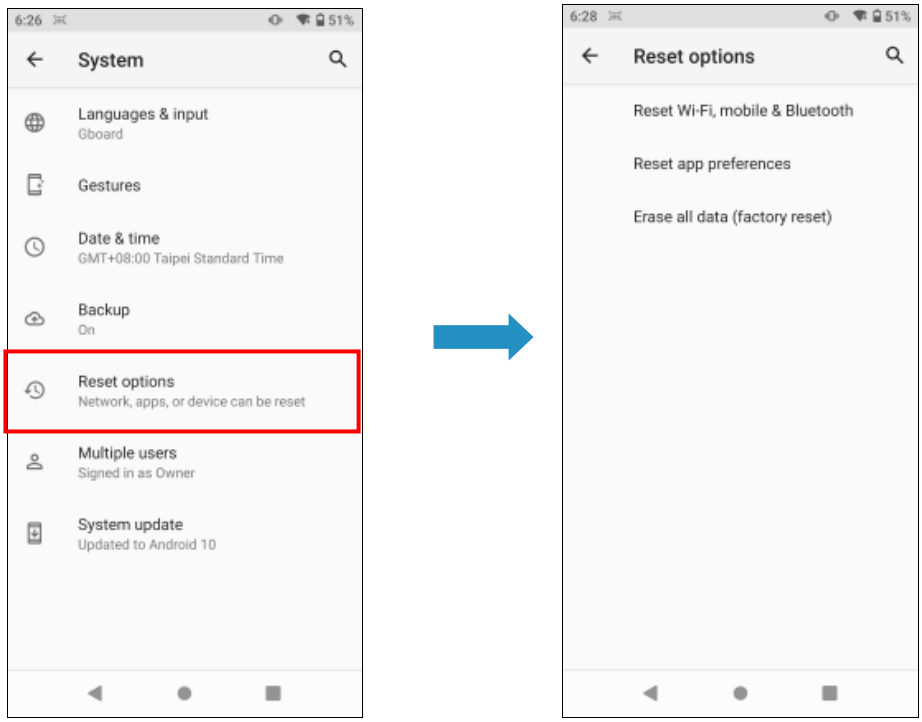


Choose a selection as described in the table below.

Use Preferences	Description
File Transfer	Allows file transfers when you connect with the PC, which recognizes the TC603 as a portable storage device.
USB tethering	Tethers other devices via USB.
MIDI	Device makers can enable optional MIDI support in the platform. Android directly supports USB, draft BLE, and virtual (inter-app) transports. Android indirectly supports MIDI 1.0 via an external adapter.
PTP	Allows image file transfers when you connect with the PC. You can find the DCIM folder on the TC603.
No data transfer	Charges the connected device only. Works with devices that support USB charging.

Reset

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon:
3. Scroll to the bottom and tap **System**.
4. Scroll to the bottom and tap **Reset options.**
5. Tap on the desired reset option.



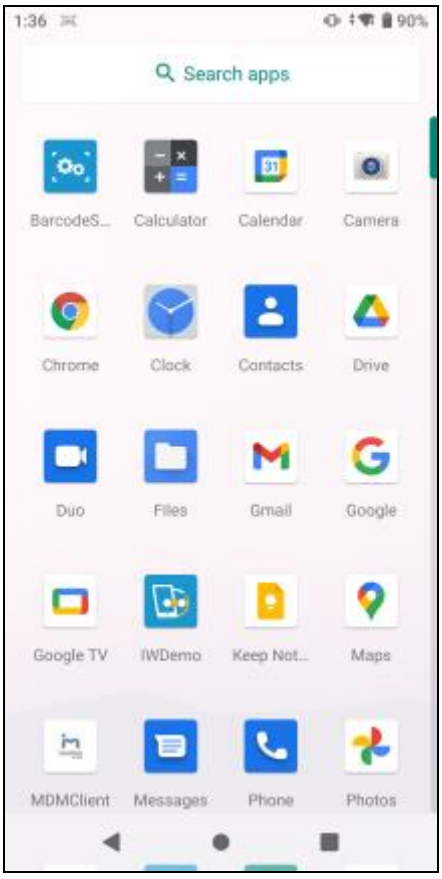
Chapter 3: Utility Applications

You can add utility applications such as Apps and Widget tools to the Home Screen or other application screens for easy access.

Apps

To access the Apps screen:

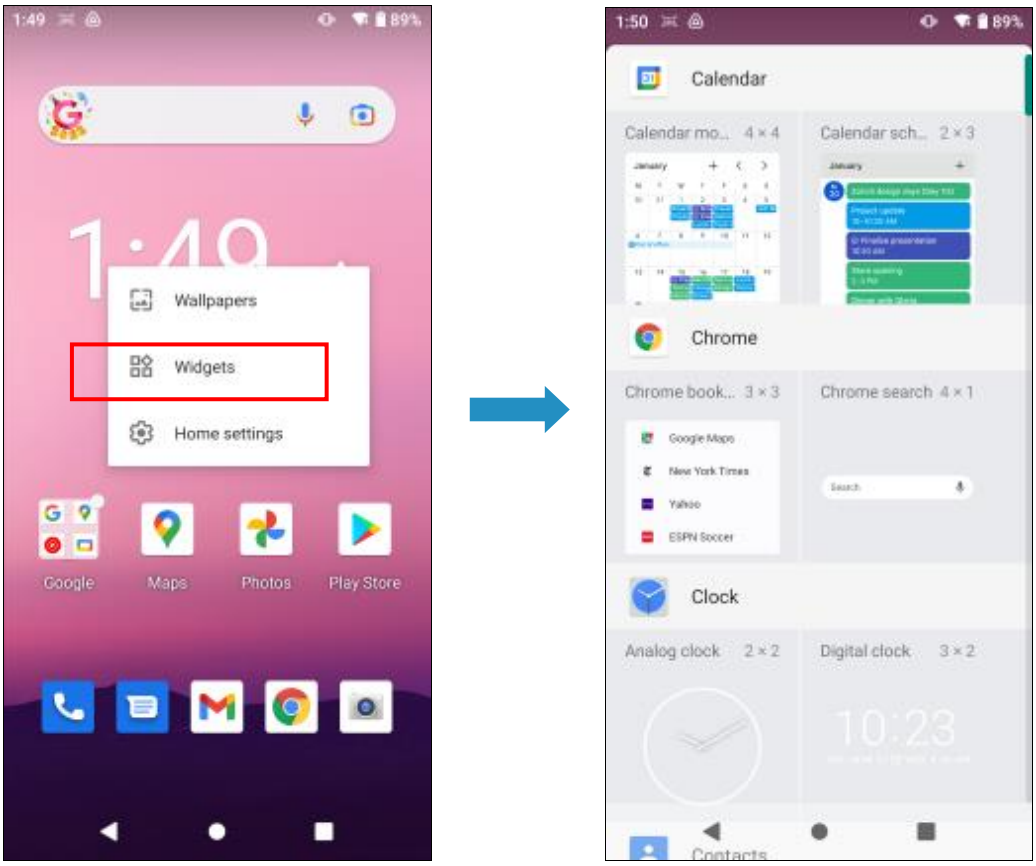
1. From the Lock screen, swipe up from the bottom of the screen.
2. When the Home screen appears, swipe up again.
3. The Apps screen appears as below.
4. Tap the desired App.



Widgets

To access widgets:

1. From the Lock screen, swipe up from the bottom of the screen.
2. When the Home screen appears, swipe up again
3. Touch and hold the Home screen until icons appear as below.
4. Tap Widgets and the Widgets screen appears as below.



Adding Widgets and App Shortcuts to the Home Screen

You can add frequently used Widgets and App shortcuts to your Home screen for easy access.

Adding Widgets

1. Touch and hold the Home screen until the Widget icon appears.
2. Tap the Widgets icon and the Widgets screen appears.

3. Scroll to the widget you wish to add.
4. Touch and hold the widget's icon until the Home screen appears.
5. Move and position the widget icon on the Home screen, then release.

Adding App Shortcuts

1. From the Lock screen, swipe up from the bottom of the screen.
2. When the Home screen appears, swipe up again.
3. The Apps screen appears.
4. Scroll to the app you wish to add.
5. Touch and hold the app icon.
6. Move and position the app icon up to the Home screen, then release.

Moving App Shortcuts and Widgets

1. Touch and hold the app icon or widget.
2. Drag the app or widget to a new position.
3. Release your finger to place it in the new position.

Removing App Shortcuts and Widgets from the Home Screen

1. Touch and hold the app icon or widget.
2. Drag the app or widget to **X Remove** at the top of the screen and then release to remove it from the Home screen.

Managing Folders

You can organize apps that are used together into folders for easy access.

Create a Folder

1. Place the app icons you wish to put into a folder onto the Home screen.
2. Touch and hold one app icon.
3. Drag the icon and place on top of the other icon.
4. Release your finger to combine the icons into a folder.

Name a Folder

1. Touch the folder to open it.
2. Tap the title area and enter a name with the keyboard.
3. Tap the check mark on the keyboard to confirm.
4. Tap the Home screen to close the folder, and the name appears on the folder.

Remove a Folder

1. Touch and hold the folder icon.
2. Drag the folder to **X Remove** at the top of the screen and release to remove it from the Home screen.

Pinning App Screens

You can set the TC603 to display only one app screen by enabling screen pinning. This function lets you avoid unintentionally minimizing an app while you are using it. This is useful when playing games or using certain apps such as the calculator.

Pin a Screen

To pin a screen:

1. Swipe down from the status bar to open the quick access panel.
2. Tap the **Settings** icon: 
3. Tap **Security**
4. Tap **Screen Pinning**.
5. Turn screen pinning on.
6. Open the app you wish to pin.
7. Tap the Overview  button on the TC603.
8. Tap the square at the top of the app screen. Tap the pin  icon to pin the app.

Unpin a Screen

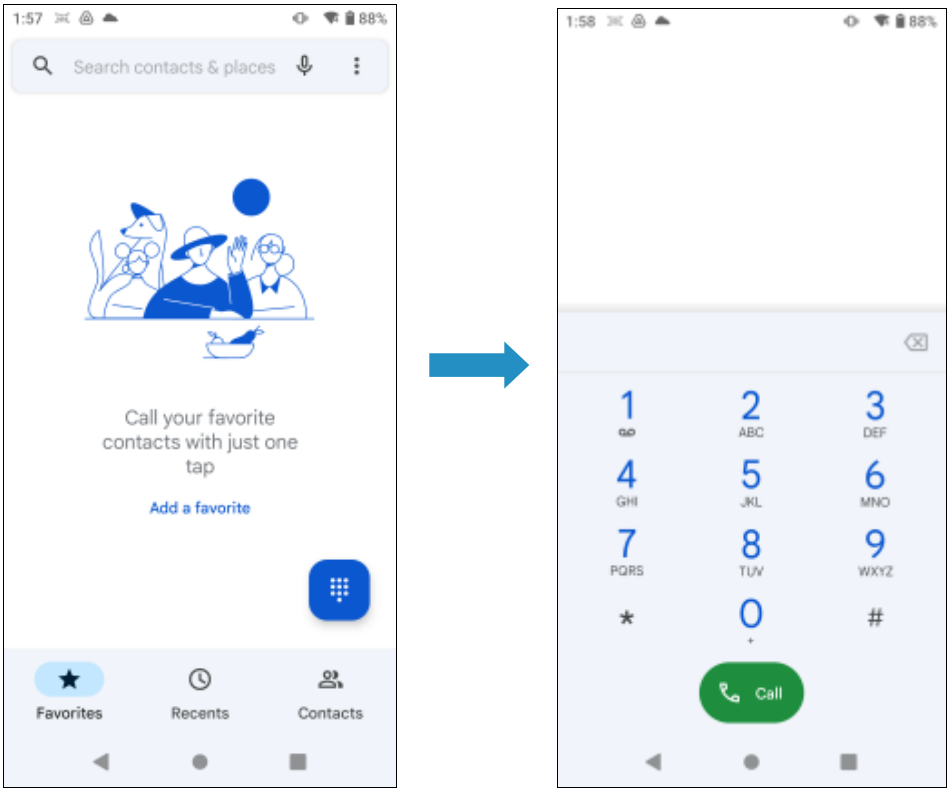
To unpin a screen:

1. Touch and hold the Back button and Overview button to unpin the app.

Phone

Access the TC603 smart phone as below.

1. From the Home screen, swipe up from the bottom of the screen to access the Apps screen.
2. Tap to start the Phone App
3. Press the tile then dial a number directly, or use Smart dial to quickly place a call. Smart dial searches and calls a stored/synced contact or a number from your call history.

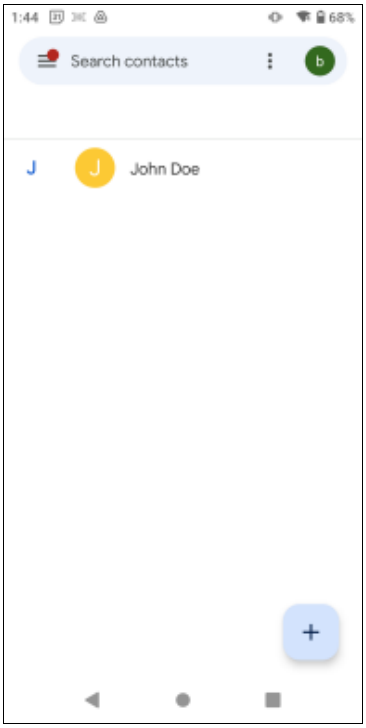


The missed call icon appears in the status bar when you miss an incoming phone call.

Contacts

The Contacts App lists all contacts you've stored on the TC603 and from online accounts you are logged on to. Use the Contacts App to easily manage communications with the people that matter to you.

1. From the Home screen, swipe up from the bottom of the screen to access the Apps screen.
2. Tap to start the Phone App.
3. Tap to start the Contacts App.

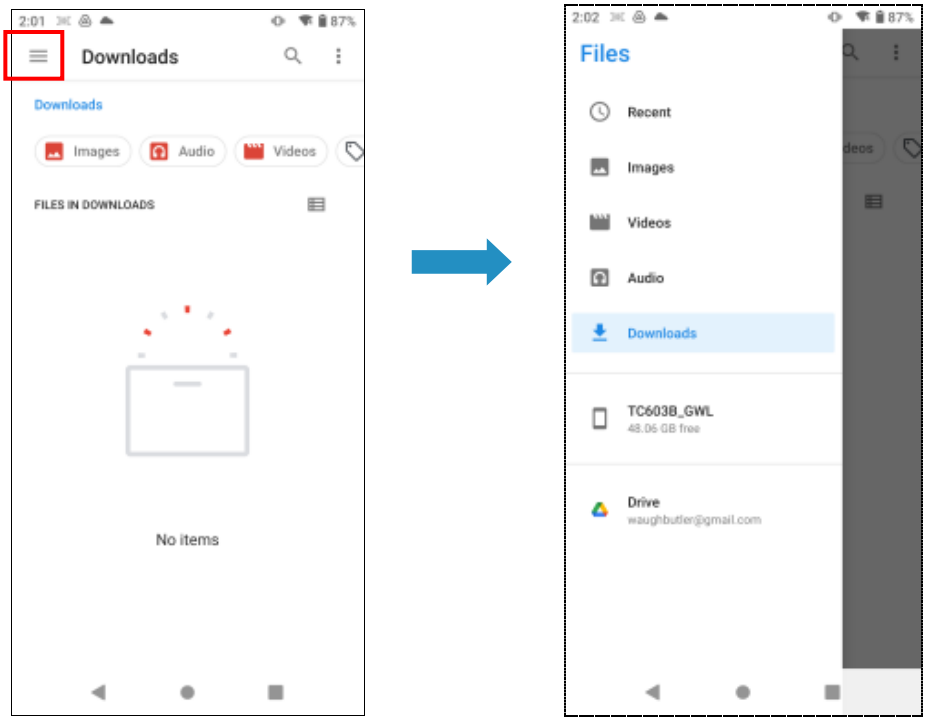


4. Tap  to add new Contacts.
5. Input contact and other information.
6. Tap Save.

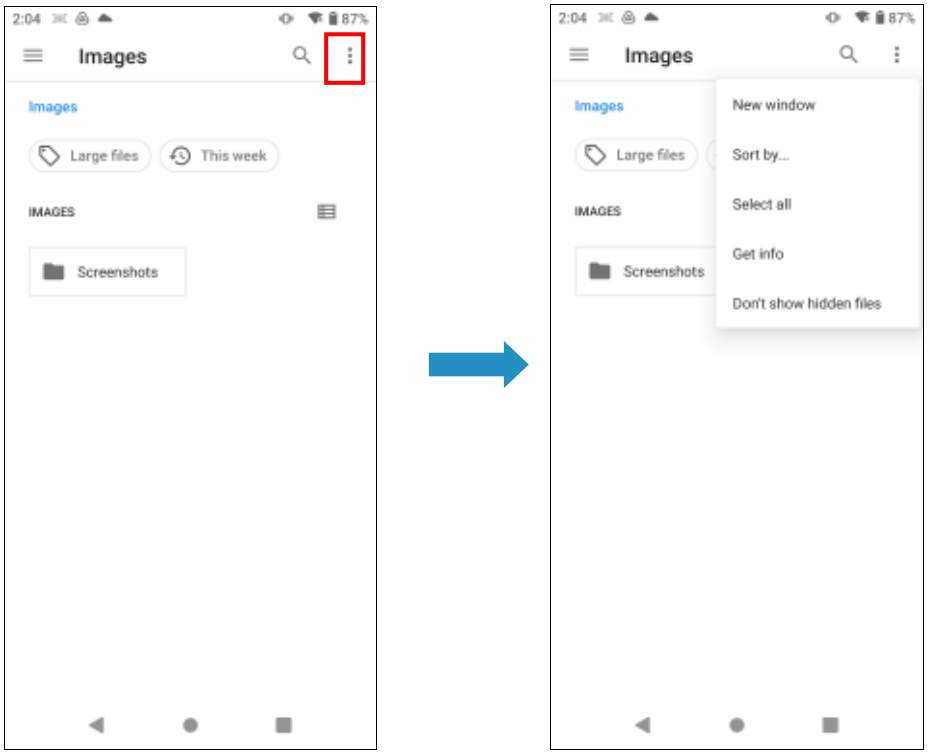
File Manager

Use the File Manager to view and manage files on the TC603.

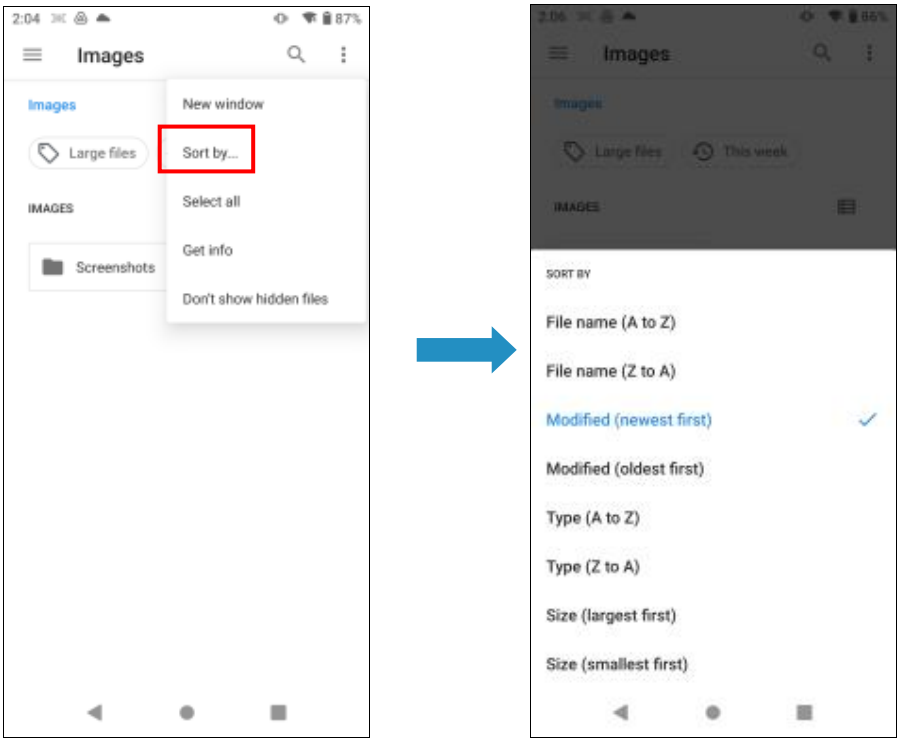
1. From the Home screen, swipe up from the bottom of the screen to access the Apps screen.
2. Tap  to start the File Manager App, which lets you open /copy/ move/delete files and folders.
3. The app opens in the download screen. Tap the upper left three-line menu for file type folders: Images, Videos, Audio, and Downloads.



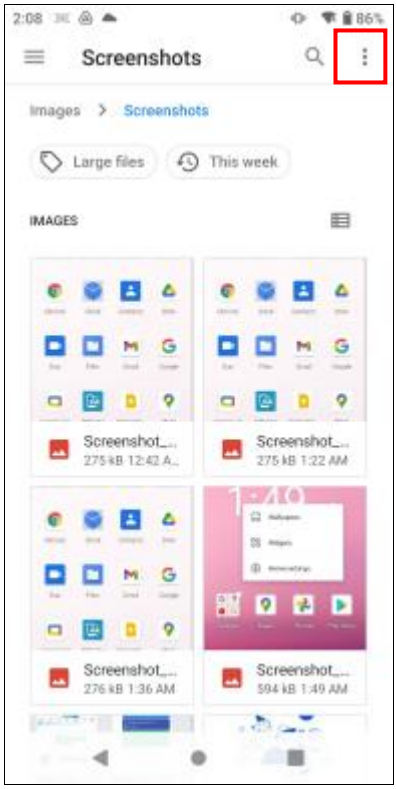
4. Select a folder and tap the ⋮ icon at the top of the screen. This panel lets you manage folders and files.



Organize your folders and files by name, modified date, size and type.



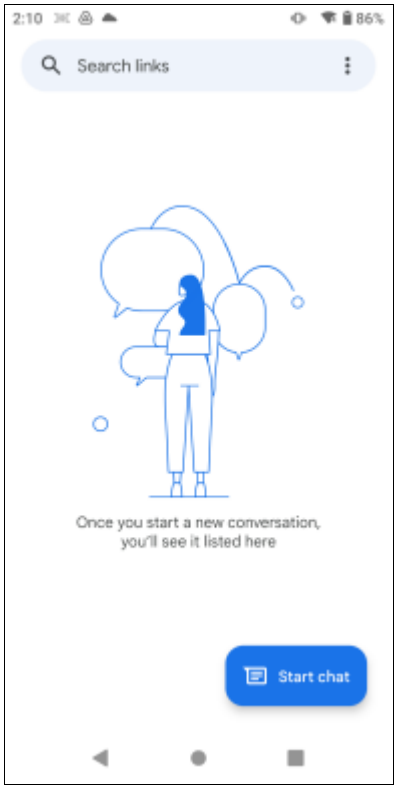
View your folders and files by icon or details.



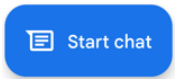
Messages

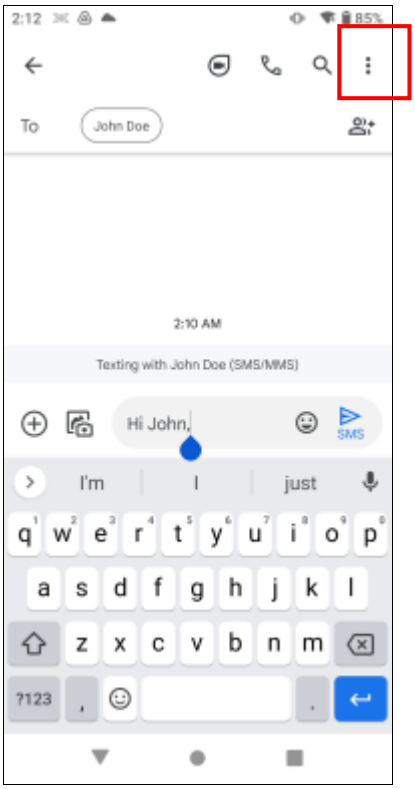
The Messages App lets you communicate with your Contacts.

1. From the Home screen, swipe up from the bottom of the screen to access the Apps screen.
2. Tap  to start the Messages App.



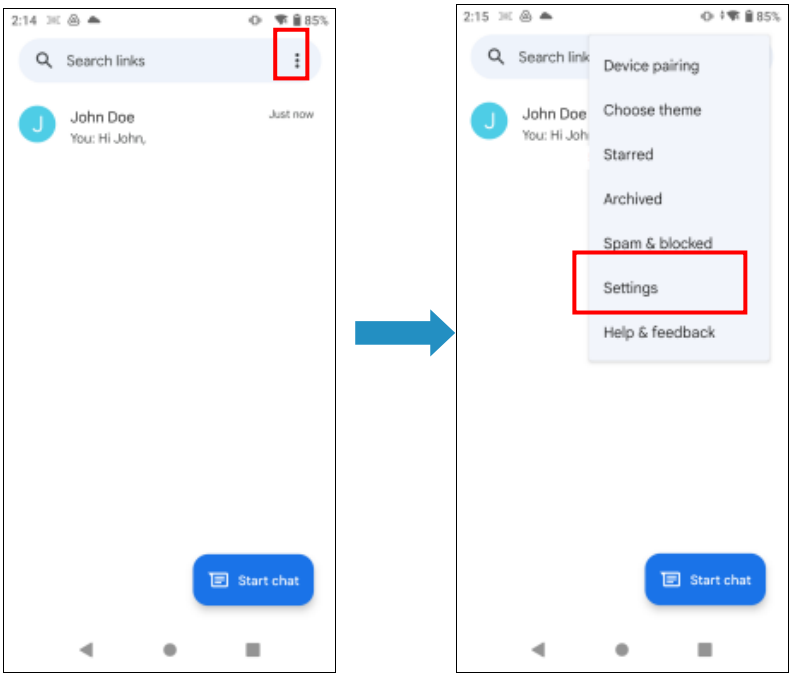
Note: There is a limit on the number of characters for a single text message. The default value is 500 characters.

3. Tap  to start a new Message.
4. Input the phone number or find the Contact of who you want send to.
5. Write your message and press to send.



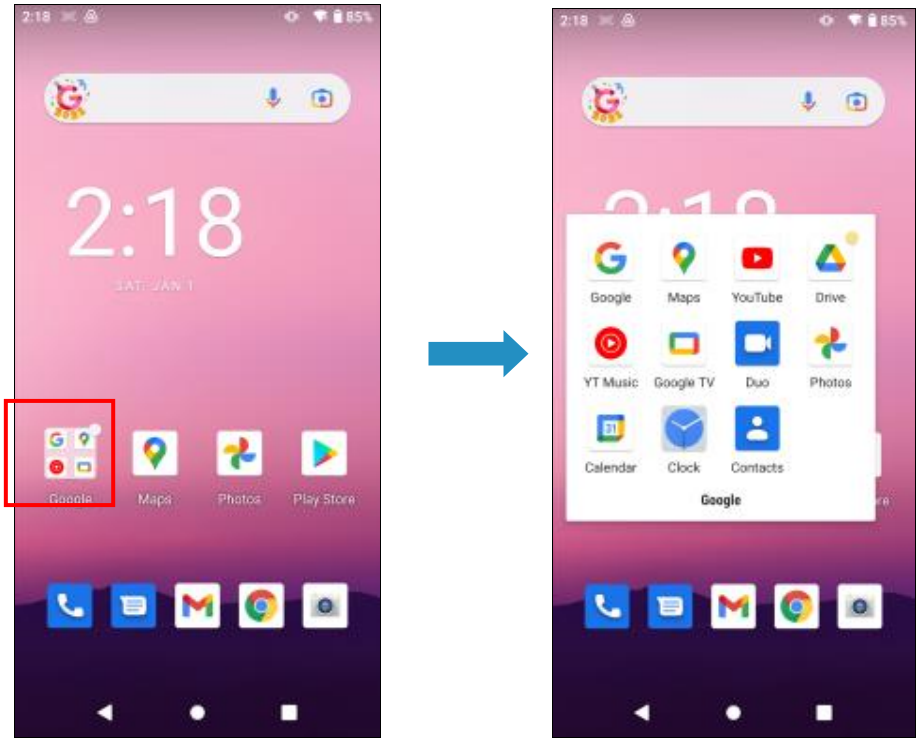
Message Settings

1. Tap the ⋮ icon and select Settings.
2. When Settings screen appears, choose your desired settings.


2:14
85%
Search links
John Doe
Just now
You: Hi John,
Start chat
2:15
85%
Search link
John Doe
You: Hi Joh
Device pairing
Choose theme
Starred
Archived
Spam & blocked
Settings
Help & feedback
Start chat

Google Mobile Services

The TC603 comes preinstalled with Google Mobile Services (GMS), and comes with Google apps.



The bundled GMS apps include:

Google –The Google app keeps you in the know about things that matter to you. Find quick answers, explore your interests, and stay up to date with Discover. The more you use the Google app, the better it gets.

Google Chrome –Browse fast on your Android phone and tablet with the same Chrome browser you love on your desktop. Pick up where you left off on your other devices with tab sync, search by voice, and save up to 60% of data usage while browsing.



YouTube –See what the world is watching in music, gaming, entertainment, news and more. Subscribe to channels, share videos with friends, edit and upload videos, and watch on any device.



Google Play – Your entertainment unbound brings together all of the entertainment you love and helps you explore it in new ways, anytime, anywhere. We've brought the magic of Google to music, movies, TV, books, magazines, apps and games, so you get more from your content every day.



Gmail –An easy-to-use email app that saves you time and keeps your messages safe. Get your messages instantly via push notifications, read and respond online & offline, and find any message quickly.



Calendar –Integrated online calendars designed for teams. Spend less time planning and more time doing with shareable calendars that integrate seamlessly with Gmail, Drive, Contacts, Sites and Meet so you always know what's next.



Google Maps – Gives you more than just reliable, real-time navigation. It also helps you find things to do and places you'll love across the world and around the corner. With millions of businesses on Google Maps, you can connect with the places you're interested in, and make your plans happen.



Google Drive – A smart online storage and backup that puts all your files within reach from any smartphone, tablet, or computer. Every file in Drive — like your photos, PDFs and documents — is backed up safely so you can't lose it. You can even invite others to view, download, and collaborate on all the files you want.



Google Duo –Simple, high-quality video chat for everyone.



Google Photos –The home for all your photos and videos that help you find, relive and share your memories. Automatically organized and searchable by the people, places, and things in them, your photos

and memories are always easy to find and share.



YT Music –A new music service with official albums, singles, videos, remixes, live performances and more for Android, iOS and desktop.



Clock –Combines all the clock functionality you need into one simple package.

The Google apps offer both free and subscription services. Click the app icons for more information on signing up and using the apps.

Camera

The TC603 offers a full-featured smart camera for taking photos and videos.

1. From the Home screen, swipe up from the bottom of the screen to access the Apps screen.
2. Tap the Camera icon to start the Camera App.
3. Tap to take a photo and tap to record a video.



Taking a Photo

1. Frame the subject or scene in the screen.
2. Zoom in or out by touching two fingers to the screen and pinching inward or spreading outward.
3. Press to take a photo. The camera shutter sound plays as it takes a

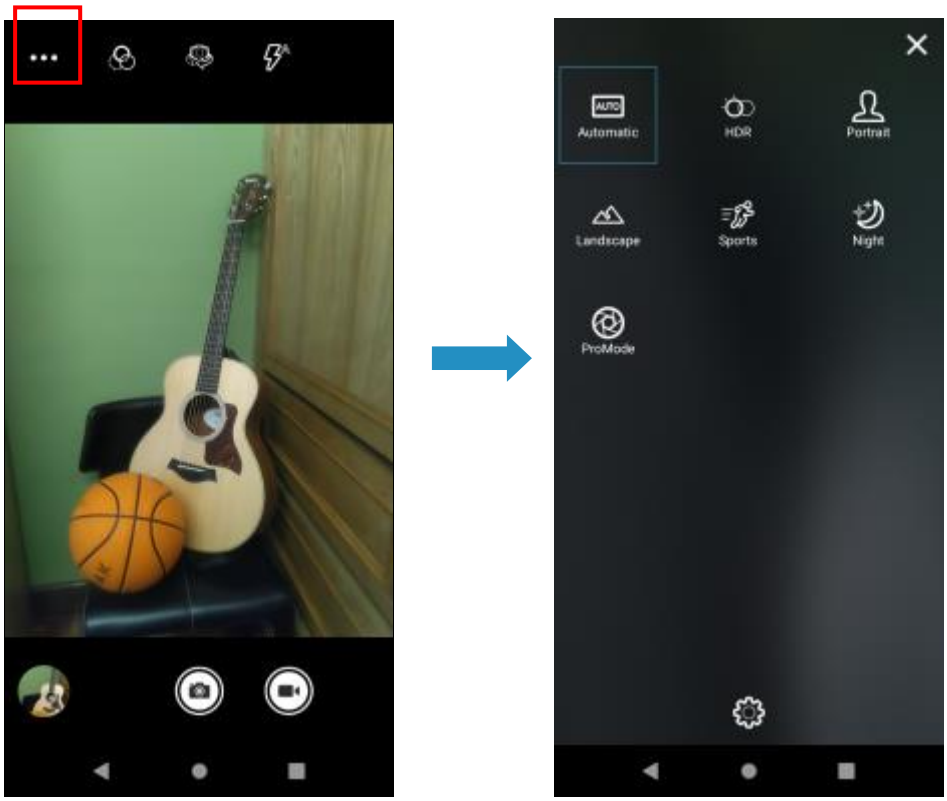
photo. The photo's thumbnail appears in the lower left corner.

Recording a Video

1. Frame the start of the capture.
2. Tap  to start recording the video. The elapsed time appears at the top of the screen.
3. Tap  to end the recording. The video's thumbnail appears in the lower left corner.

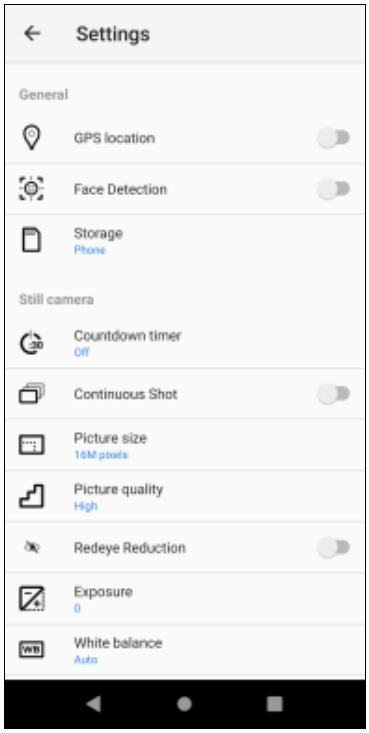
Photo Settings

1. In the camera app, tap  for more functions.



2. Tap  for advanced settings.





3. Press  to select and apply effects.



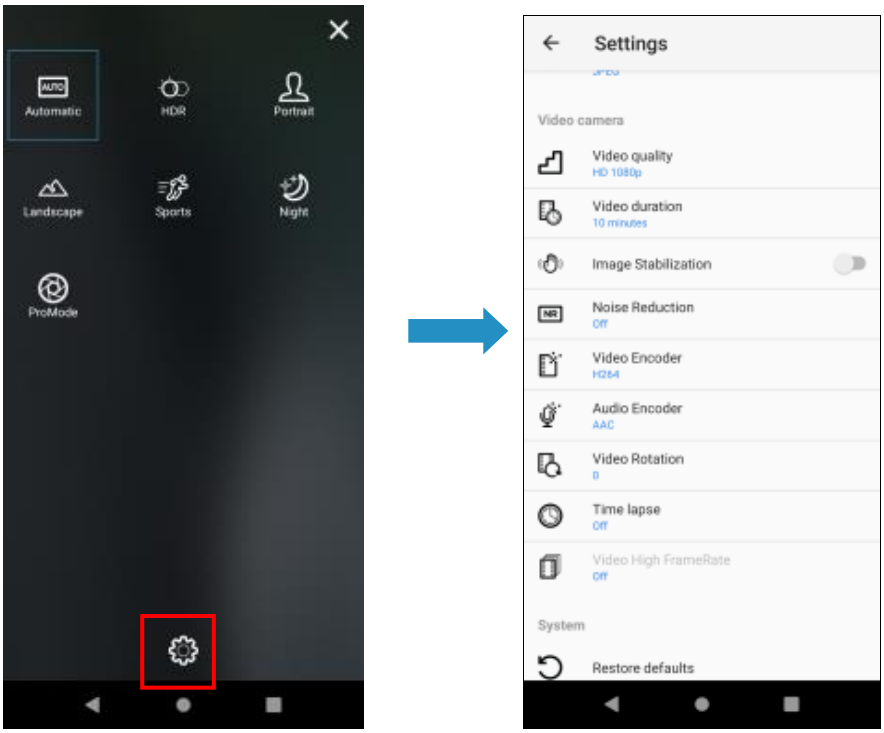


4. Press 

to disable or enable HDR setting.

Video Settings

1. In the camera functions screen, tap  for advanced settings.



Calendar

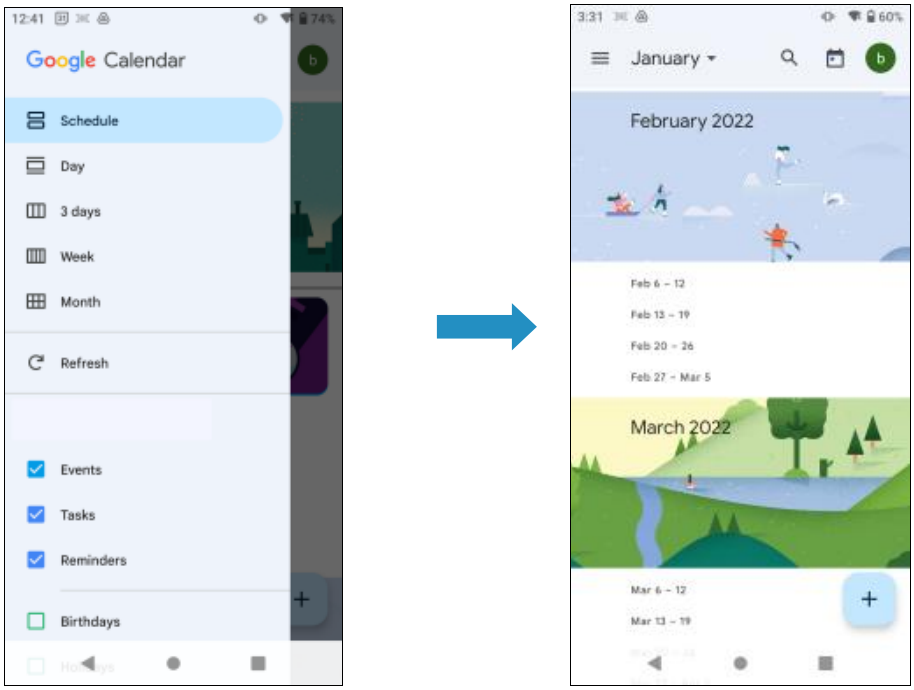
Use the Google Calendar app to view your events, meetings, and appointments. Sign into your Gmail Account, and the related events will also appear in Calendar.

1. From the Home screen, swipe up from the bottom of the screen to access

the Apps screen.

2. Tap  to start the Calendar app.

3. Tap the upper left three-line menu  and choose the calendar view to display.



Calculator

The Calculator App offers basic and advanced functions.

1. From the Home screen, swipe up from the bottom of the screen to access the Apps screen.

2. Tap  to start the Calculator app.



3. Press the arrow to toggle open the advanced functions.



Chapter 4: Basic Care

This chapter provides information on basic care and troubleshooting for the TC603.

Basic Care of the TC603

The following basic care tips will ensure long, trouble-free use of the TC603.

- Protect the TC603 from temperature extremes. Do not leave the device in high temperature conditions such as near open heat sources or in a closed vehicle on a hot day.
- Do not store this device in harsh conditions, such as dusty or damp locations.
- Do not drop this device on hard surfaces.
- The TC603's touchscreen is glass. Do not scratch the screen.
- Clean the TC603 housing with a soft dry lens cloth.
- Clean the touchscreen with a soft cloth and diluted window-cleaning solution.

Product Storage

When storing the TC603 make sure it is kept at a reasonable temperature in a dry location. Make sure the battery is charged at least 50%.

Cleaning

Clean the TC603 as frequently as required depending on your environment. Do not apply liquid directly, but wipe the device with a soft cloth or pre-moistened wipes and then allow it to air dry before use. Clean the camera window from time to time for optimum performance.

Housing

Wipe the housing including the buttons with a soft cloth or alcohol wipes.

Touchscreen

Clean the touchscreen with alcohol wipes and immediately dry with a soft lens cloth or lens tissues.

Camera

Wipe the camera windows occasionally with lens tissues.

Connectors

Carefully clean the connectors using cotton swabs and isopropyl alcohol. Dry the connectors with dry cotton swabs.

Troubleshooting

Common problems, their causes, and suggested solutions are covered in the table below.

Problem	Cause	Solution
The TC603 does not turn on.	1. Battery depleted. 2. System crash.	1. Charge the battery. 2. Reset the device.
Battery does not charge.	1. Device disconnected from the charge cable. 2. Ambient temperature out of range.	1. Reconnect the charge cable. 2. Charge battery with ambient temperature between 0°C (32°F) and 40°C (104°F).
No characters in the display	Device not on.	Press the power button.
Data not transmitting over	1. Wi-Fi or Bluetooth not on.	1. Turn on Wi-Fi or Bluetooth.

Wi-Fi or Bluetooth	2. Out of range of access point.	2. Move closer to access point.
No sound.	Volume off or set too low.	Adjust volume.
Display keeps shutting off.	1. Inactivity. 2. Battery depleted.	1. Set Display Sleep to a longer setting 2. Charge the battery.
No response to tapping buttons or tiles.	System crash.	Perform a reset.
The device is not reading barcode	1. Barcode is unreadable. 2. Scanner is not in range. 3. Device is not programmed for the barcode. 4. Device does not beep when reading barcode. 5. Battery low.	1. Make sure barcode is not damaged. 2. Scan closer to the barcode. 3. Program the device to read that type of barcode. 4. Set the application to beep. 5. Check battery level if scanner does not emit a light beam. If low, charge battery.
Device does not unlock.	Incorrect password entered.	Enter correct password.

Appendix A: Technical Specifications

The tables below provide product specifications for the TC603 mobile computer.

Key Features

- **Qualcomm® Snapdragon™ 660 2.2GHz Octa Core 64-bit Processor**
- **Android 10 Operating System**
- **4GB / 64GB Memory**
- **4000mAh Replaceable Battery**

Specifications

Physical Characteristics	
Dimensions	• 159.4mm L *78.4mm W *14.2mm (main body) / 24.62 (scanner) H
Weight	• 235 grams (with battery)
Display and Panel	• 5.99”, 18:9 Full-HD (450nit) • Capacitive 5 points multi-touch touch panel • Gorilla® Glass 5
Expansion Slots	• One user accessible micro SD Memory slot with SDHC compliance and software image upgrade features • Two user accessible Nano SIM slots. • USB 3.1 (type-C) support USB OTG • Support DC in 5V/3A • Cradle connector (two pogo pin) DC power input.
Keys and Buttons	• Front key: 3 touch soft keys • Side key: Scan key left and right, volume key up

	and down, power key, and one function key (programmable)
Indicators	• One 3-color (green/red/blue) LED • Red LED – Battery charging – Twinkling indicates battery low (less that 15%) • Green LED – Battery fully charged • Blue LED – Message notice • Others – All LEDS can be controlled by software API – No LED (red and green) display when battery is out (even with AC IN)
Audio and Voice	• One speaker (95dB @ 10cm) • One receiver and dual noise-cancelling microphones • Type-C USB adaptor for 3.5mm DIA stereo headset jack
Performance Characteristics	
Operating System	• Android 10 with GMS
CPU	• Qualcomm® Snapdragon™ 660 • 2.2GHz Octa Core
Memory	• eMCP 4GB LPDDR4x +64GB eMMC 5.1
User Environment	
Operating Temp.	-20~50℃
Storage Temp.	-30~70℃ (without battery)
Charging Temp.	0~45℃
Humidity	10%~90% non-condensing

Sealing Standard	IP65
Drop Spec.	1.6m
Tumble Spec.	0.5m tumbles for 300 cycles and 600 drops
ESD	+/-7KV direct discharge, +/-15KV air discharge
Network Connection	
Wireless PAN	• Bluetooth 5.0
Wireless LAN	• 802.11a/b/g/n/ac Wireless LAN, 2.4GHz and 5GHz • Compliant with WEP, WPA and IEEE 802.11i WPA2 • Fast roaming
Wireless WAN	• GSM: 850,900,1800,1900 MHz • WCDMA: B1, B2, B5, B8 • LTE: B1, B2, B3, B4, B5, B7, B8, B12, (B17), B19, B20, B28, B38, B39, B40, B41 (100M only)
GPS	• aGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS
Data Capture	
Scan Engine	• Honeywell N4603 (2D scan engine)
Camera	• Front camera: 5M pixel CMOS color camera. • Rear camera: 16M pixels CMOS color camera with autofocus • LED flash light with torch
NFC	• ISO14443-4 (Type A, Type B), ISO15693 • Mifare, Felica (ISO/IEC18092)
Sensors	
Sensors	• Accelerometer, Gyroscope, e-Compress, Light sensor, Proximity sensor

Power	
Battery	• Main battery: 3.85V, 4000mAh L-polymer smart battery pack
Power Adapter	• 100~240Vac, 50/60Hz Input • 9V/2A 18W output (TBC)
Regulatory Compliance	
Certifications	• CE, NCC, FCC • RoHS, REACH, WEEE
Accessories	
Accessories	• Adapter • USB Charging Cable (Type C) • Protective Boot (Optional) • Hand Strap with Protective Boot (Optional) • Spare Battery (Optional) • Pistol Grip (Optional) • Cradle (1 Terminal + 1 External Battery) (Optional)

Power and Frequency Ranges

The table below describes power and frequency range specifications.

Radio Type	Description	Frequency	Maximum Conducted Power
Bluetooth	Bluetooth BR+EDR	2400~2483.5 MHz	6dBm for CE 12dBm for FCC
	Bluetooth 4.0-LE	2400~2483.5 MHz	2.5dBm for CE 4.5dBm for FCC
WLAN	2.4GHz	2400~2483.5 MHz	16.5dBm
	5GHz	5150~5350 MHz	14dBm
		5470~5725 MHz	14dBm
		5725~5850 MHz	13.97dBm EIRP for CE 14dBm for FCC
GSM	GSM 850	824~849 MHz	33dBm
	GSM 900	880~915 MHz	33.5dBm
	GSM 1800	1710~1785 MHz	30.5dBm
	GSM 1900	1850~1910 MHz	31dBm
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	LTE Band 1	1920~1980 MHz	23dBm
	LTE Band 2	1850~1910 MHz	24dBm
	LTE Band 3	1710~1785 MHz	23dBm
	LTE Band 4	1710~1755 MHz	24dBm
	LTE Band 5	824~849 MHz	23dBm
	LTE Band 7	2500~2570 MHz	22.5dBm
	LTE Band 8	880~915 MHz	23.5dBm

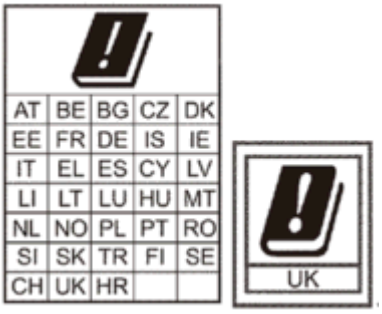
LTE	LTE Band 12	699~716 MHz	23.5dBm
	LTE Band 19	830~845 MHz	23dBm
	LTE Band 20	832~862 MHz	24dBm
	LTE Band 28	703~748 MHz	23dBm
	LTE Band 38	2570~2620 MHz	22.5dBm
	LTE Band 39	1880~1920 MHz	23dBm
	LTE Band 40	2300~2400 MHz	22.5dBm
	LTE Band 41	2496~2690 MHz	24.5dBm
Other	NFC	13.56 MHz	-11.76 dBuA/m @10M
	GPS	1575.42 MHz	

Manufacturer: iWaylink Inc.

Addresss: 6F., No. 288, Sec. 6, Civic Blvd., Xinyi Dist., Taipei City 110, Taiwan

Restrictions and Requirements under Directive 2014/53/EU and Radio Equipment Regulations 2017:

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.



Appendix B: Battery & Adapter Notes

This appendix describes precautions for using the battery and adapter with the TC603.

Battery Precautions

It is important to consider temperature when the battery pack is charging. Charging is most efficient at normal room temperature or in a slightly cooler environment. It is essential that batteries are charged within the stated range of 0°C to 40°C. Charging batteries outside of the specified range could damage the batteries and shorten their life cycle.

Replacing Batteries

1. To guarantee optimal performance, it is recommended that rechargeable batteries be replaced every year, or after 500 charging cycles are completed. It is normal for the battery to balloon or expand after one year or 500 cycles. Although it does not cause damage, it cannot be used again and must be disposed of according to your location's safe battery disposal procedures.

2. If a battery performance decreases more than 20%, the battery is at the end of its life cycle. Stop use and ensure the battery is disposed of properly.

Storing Batteries

Although charged batteries may be left unused for several months, their capacity may be depleted due to a buildup of internal resistance. If this happens, the batteries require recharging prior to use. Batteries may be stored at temperatures between -20°C to 60°C, however they may deplete more rapidly at higher temperatures. It is recommended to store batteries at room temperature.

Adapter Precautions

Please follow the power adapter precautions below:

- Do not leave the power adapter in the socket when it is not connected to the TC603 for charging.
- Remove the power adapter when the battery is fully recharged.
- The bundled power adapter that comes with your iMotion product is not meant to be used outdoors. An adapter exposed to water or rain, or a very humid environment can cause damage to both the adapter and the product.
- Only use the bundled power adapter or same specification of adapter to charge the TC603. Using the wrong power adapter can damage this device.

Appendix C: Barcode Types

The TC603 supports the following bar code types that can be individually enabled or disabled.

Linear	Composite Code	Postal
Codabar	GS1 Composite	Chinese Postal
Code 11	TLC-39	Korean Postal
Code 128		
ISBT 128	**2D Barcode**	**Combination Limit Postal**
GS1-128	Aztec Code	Australian Postal
Code 39	Codablock-F	Canadian Postal
Code 32	Data Matrix	Japanese Postal
Trioptic	DotCode	KIX Code/Dutch Postal
Code 93	HAN XIN	UK Royal Mail
Industrial 2 of 5	Maxicode	US Planet
EAN-13	Micro PDF417	US Postnet
EAN-8	PDF417	UPU 4-State
GS1 DataBar-14	QR Code	USPS 4CB/IMb
IATA 2 of 5		
Interleaved 2 of 5		**Advanced Setup**
Matrix 2 of 5		OCR
MSI		Misc. Properties
Telepen		
UPC-A		
Coupon Code		
UPC-E		
UPC-E1		

Appendix D: FCC Statement

Federal Communication Commission Interference 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 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 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.

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.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

FOR PORTABLE DEVICE USAGE

Radiation Exposure Statement:

The product complies with the FCC portable RF exposure limit set forth for an uncontrolled environment and is safe for intended 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 body or if the device is set to a lower output power if such function is available. This equipment should be installed and operated with a minimum distance of 10mm between the radiator device and your body.

FOR MOBILE DEVICE USAGE (>20cm/low power)

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator device and your body.

FOR COUNTRY CODE SELECTION USAGE (WLAN DEVICES)

Note: The country code selection is for non-US models only and is not available for all US models. Per FCC regulation, all Wi-Fi products marketed in the US must be set to US operation channels only.

* Google, Android, Google Play and other marks are trademarks of Google LLC.

Appendix E: UKCA

UKCA

Address:

Office TH2

Trident House, Trident Park Basil Hill Road, Didcot, OX11 7HJ, UK

Company:

Portwell UK Ltd

Appendix F: NCC

1. 應避免影響附近雷達系統之操作。
2. 減少電磁波影響，請妥適使用
3. 取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

4. SAR 標準值：2.0 W/kg，送測產品實測值：0.390 W/kg。
5. 使用過度恐傷害視力。
6. 使用30分鐘請休息10分鐘；未滿2歲幼兒不看螢幕，2歲以上每天看螢幕不要超過1小時。

1. The operations near the radar system shall not be influenced.
2. The directed antenna with high gain must apply to the fixed point-to-point system only.
3. Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices. The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications is operated in compliance with the Telecommunications Management Act.The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.
4. Standard SAR value: 2.0 W/kg, actual value measured on product: 0.390 W/kg.
5. Risk of possible damage to vision in case of excessive use
6. Protect your eyes: rest eyes 10 minutes for every 30 minutes of use. It is advised to keep children under 2 years old from looking into the screen and children above 2 years old from watching for more than an hour every day.

Appendix G: CE DoC

EU DECLARATION OF CONFORMITY

Number:

Name and address of the Manufacturer

iWaylink Inc.
6F., No. 288, Sec. 6, Civic Blvd., Xinyi Dist., Taipei City 110, Taiwan

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration

Product information	Portable data terminal
	TC603
Additional information	Battery : Zhuhai CosMX Battery Co., Ltd. / 3H32-432A0010 Travel Adapter : Jiangxi Jian Aohai Technology Co., Ltd. / A138A-120150U-EU4 USB Cable: Hotron Precision Electronic Industrial Co.,Ltd / D0017100R36CZ SW version : 190905.PF01.004.202110923 HW version : V1.0

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

- References to the relevant harmonised standards used or references to the technical specifications in relation to which conformity is declared

Low Voltage Directive 2014/35/EU	Electromagnetic Compatibility Directive 2014/30/EU	Radio Equipment Directive 2014/53/EU	
EN 62368-1 :2014+A11:2017 EN 50332-2:2013	EN 55035:2017+A11:2020 EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 ETSI EN301 489-1 V2.2.3 ETSI EN301 489-3 V2.1.1 ETSI EN301 489-17 V3.2.4 ETSI EN301 489-19 V2.1.1 ETSI EN301 489-52 V1.2.1	ETSI EN 300 328 V2.2.2 ETSI EN 301 893 V2.1.1 ETSI EN 300 440 V2.2.1 ETSI EN 300 330 V2.1.1 ETSI EN 301 511 V12.5.1 ETSI EN 301 908-1 V15.1.1 ETSI EN 301 908-2 V13.1.1 ETSI EN 301 908-13 V13.1.1 ETSI EN 303 413 V1.2.1	EN 50360:2017 EN 62209-1:2016 EN 62209-2:2010 EN 50566:2017

The notified body	Name: *Nemko North America Inc.* Number: *1622*	**performed**	• a conformity assessment of the technical construction file
and issued the certificate			

Additional information

N/A

Signed for and on behalf of: iWaylink Inc.

Authorised Representative: Dino Wang

Name and Surname / Function:
Dino Wang / Senior Associate

Date of Issue:02/21/2022

1/1

Appendix H: UKCA DoC

UKCA Declaration of Conformity

We, the undersigned,

Manufacturer: iWaylink Inc.

Address: 6F., No. 288, Sec. 6, Civic Blvd., Xinyi Dist., Taipei City 110, Taiwan

declare the following apparatus:

Product name : Portable data terminal

Model name : TC603

SW version : 190905.PF01.004.202110923

HW version : V1.0

The approval body: *Nemko North America Inc. (Number: 1622)*

Additional information: ANNEX I

The object of the declaration described above is in conformity with the relevant United Kingdom harmonisation legislation:

The Radio Equipment Regulations 2017 (S.I. 2017/1206)

6.1 a

EN/IEC 62368-1 : 2014+A11:2017
ETSI EN 50360:2017 ETSI EN 50566:2017
EN 50332-2:2013

6.1 b

ETSI EN 55035:2017+A11:2020
ETSI EN 55032:2015+A11:2020
ETSI EN301 489-1 V2.2.3
ETSI EN301 489-3 V2.1.1
ETSI EN301 489-17 V3.2.4
ETSI EN301 489-19 V2.1.1
ETSI EN301 489-52 V1.2.1

6.2

ETSI EN 300 328 V2.2.2
ETSI EN 301 893 V2.1.1
ETSI EN 300 440 V2.2.1
ETSI EN 300 330 V2.1.1
ETSI EN 301 908-1 V15.1.1
ETSI EN 301 908-2 V13.1.1
ETSI EN 301 908-13 V13.1.1
ETSI EN 303 413 V1.2.1
ETSI EN 301 511 V12.5.1

Radio Equipment Class
Class 2

The Ecodesign for Energy-Related Products and Energy Information (S.I. 2010/2617)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK S.I. 2012/3032)

Signature: Dino Wang

Place of issue: Taipei, Taiwan

Date of issue: 03/22/2022

ANNEX I

Accessory(ies) :

Description	Model Name
Adapter	Jiangxi Jian Aohai Technology Co., Ltd. / A138A-120150U-EU4
Battery	Zhuhai CosMX Battery Co., Ltd. / 3H32-432A0010
USB Cable	Hotron Precision Electronic Industrial Co.,Ltd / D0017100R36CZ

1 of 1