

IRT12 Rugged Tablet

Easy Setup Guide



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1.0. Packing Open and Installation

1.1. What's in the Box

After unpacking the shipping carton, you should find these items:



No.	Name
1	IRT12 rugged tablet
2	Carry handle
3	Hand-strap
4	AC adapter
5	AC power cable
6	Tablet stylus
7	TYPE-C OTG cable
8	Screen protectors
9	User Manual

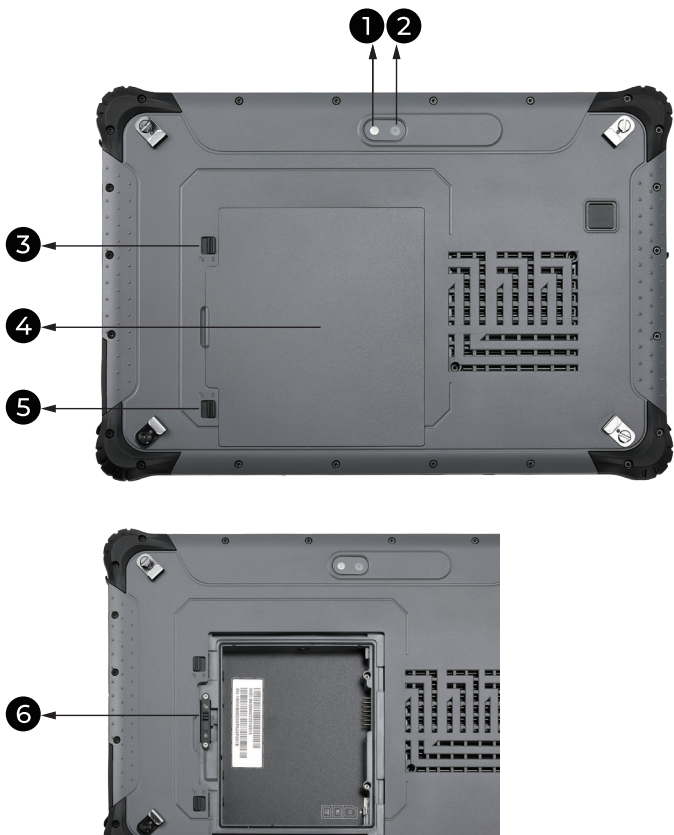
1.2. Rugged Tablet Overview

1.2.1. Front Components



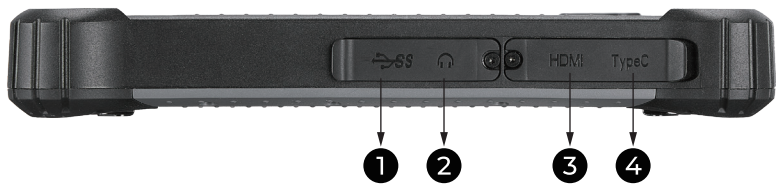
Symbol	Components	Description
F	F Key	2D scan key (customized)
	Home Key	Used to open a Windows shortcut.
+	Volume + Key	Used to increase the device volume.
-	Volume - Key	Used to decrease the device volume.
	Power button	Used to sleep, wake up, and power on and off the device.
①	Camera	Used for capturing front-facing images.
②	Indicator light*2	Solid blue light when powered on; Flashing blue light in standby/sleep mode; Solid red light when charging.
③	Microphone	Used to receive external sounds.
④ ⑤	Stereo speakers	Play the device sounds.

1.2.2. Rear Components



Symbol	Components	Description
1	Flashlight	Used for lighting.
2	Camera	Used for photo and video recording.
3 5	Cover latch	To lock the battery cover.
4	Battery cover	To protect the internal battery.
6	Battery lock	To lock the internal battery.

1.2.3. Right-Side Components



Symbol	Components	Description
1	USB3.0 Port	Connects USB devices.
2	3.5mm Audio Port	Connects audio devices.
3	HDMI Port	Connects an HDMI display or projector.
4	Type-C Port	Connects USB-C devices.

1.2.4. Left-Side Components



Symbol	Components	Description
1	RJ45 Port	Connect LAN network cable.
2	DC Port	Connect the power adapter.

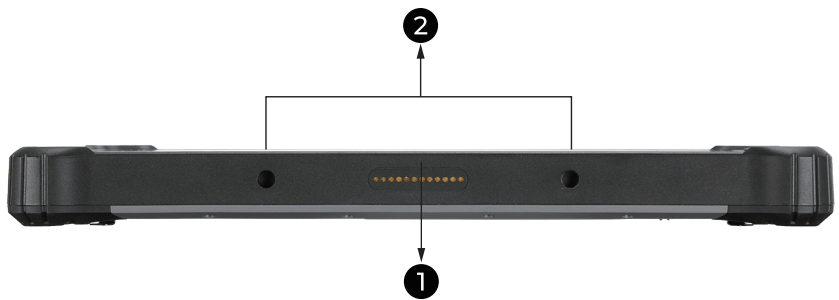
1.2.5. Top Components



Symbol	Components	Description
1	Modular Interface	Optional QR code scanning module(Optional)

Note: Please tear off the protective film on the scanning head, otherwise it will affect the scanning performance.

1.2.6. Bottom Components



Symbol	Components	Description
1	Pogo pin	Works with positioning holes to connect to the vehicle mount or charging dock, allowing expansion for USB, RJ45, and RS232 communication ports.(Accessories need to be purchased separately)
2	Positioning holes	It serves as a securing mechanism when connecting to the vehicle mount or charging dock.

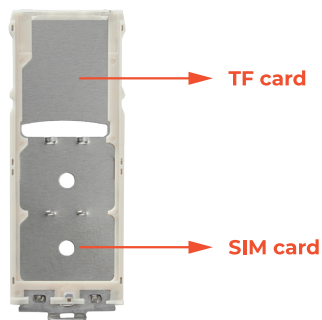
1.3 SIM and TF Card Installation

Remove the battery, take out the card tray at this location, and insert the TF card and NANO SIM card. The NC card slot currently has no function.



After placing the TF card and Nano SIM card into their designated slots, reinsert the tray to enable use, as shown in the image below.

Note: Please restart the device after installing the SIM card or TF card.



2.0. Basic Operation

2.1. Start Using the Tablet

2.1.1. Connecting to AC Power

Note: Use only the power adapter provided with this product. Using other power adapters may damage your device.

It must be connected to the AC power supply when it is turned on for the first time.

1. Open the waterproof plug of the DC port. (On the right side when the device is flat on the table.)



2. Insert the DC head of the power adapter into the DC port of the device.



2.1.2. Turning On and off the Tablet

1. Turning On

Press the power button (). The operating system Microsoft Windows will start.



2. Turning Off

When you are work done, you can power it off or leaving it in Sleep or Hibernation mode:

To...	Do this..
Power off (Shutdown)	Click  → [ Power] → [Shut down].
Sleep	Use one of these methods: • Press the power button. • Click  → [ Power] → [Sleep].
Hibernation	This item does not appear in the power menu by default. If you want to set up this mode, please go to Windows Settings to set it up.

* 「Sleep」 is a default function for this action. You can change the result of this action through Windows Settings.

2.2. Using the LAN

The built-in 10/100/1000M LAN (local area network) module allows your tablet to connect to the network. Plug one end of the network cable into the RJ45 interface of the tablet and the other end into the network hub.



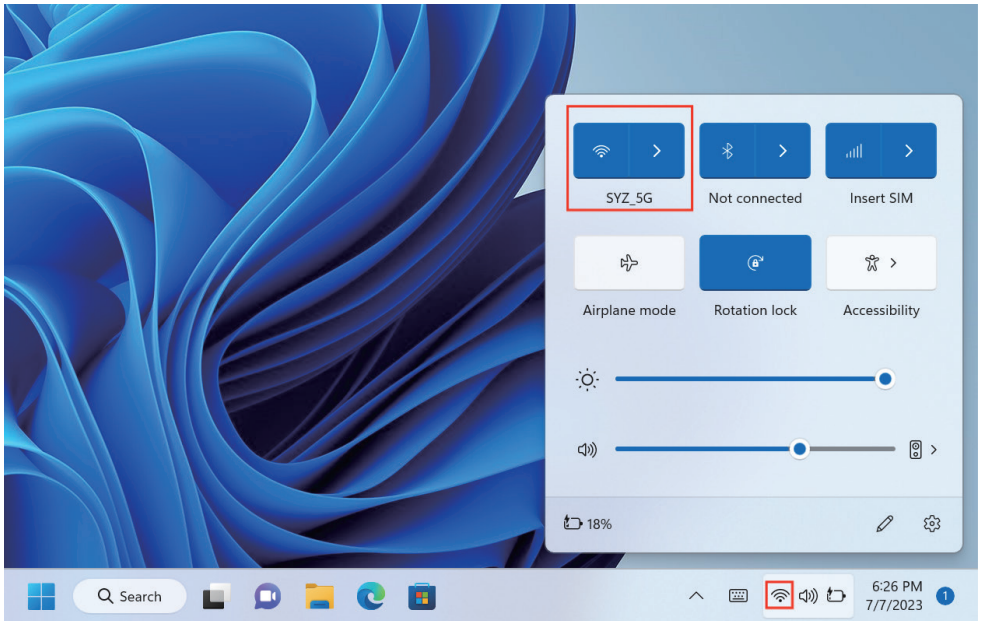
2.3. Using the Wi-Fi

The Wi-Fi module supports WI-FI6 802.11(a/b/g/n/acR2/ax 1x1).

Turning On / Off the Wi-Fi

To turn on the Wi-Fi:

Click the  icon in the lower right corner to open the network settings.
Click to open the wireless network.



To turn off the Wi-Fi:

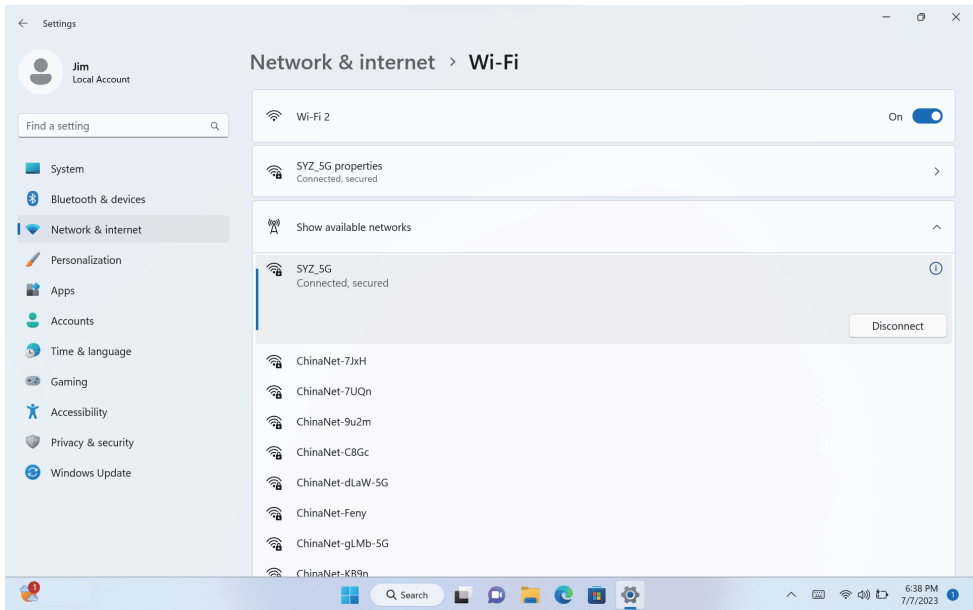
You can turn off the Wi-Fi radio the same way you turn it on.

Tips: If you want to quickly turn off all radio frequencies at once, just turn on the Airplane mode.

Click the network connection icon in the lower right corner to open network settings and click Airplane mode.

Connecting to a Wi-Fi Network

1. Please make sure that the Wi-Fi function is enabled (as described above).
2. Click the network icon in the lower right of the taskbar. 
3. In the list of available Wi-Fi, click a network, and then click Connect.
4. Some networks require a network security key or passphrase. To connect to one of those networks, ask your network administrator or Internet service provider (ISP) for the security key or passphrase.



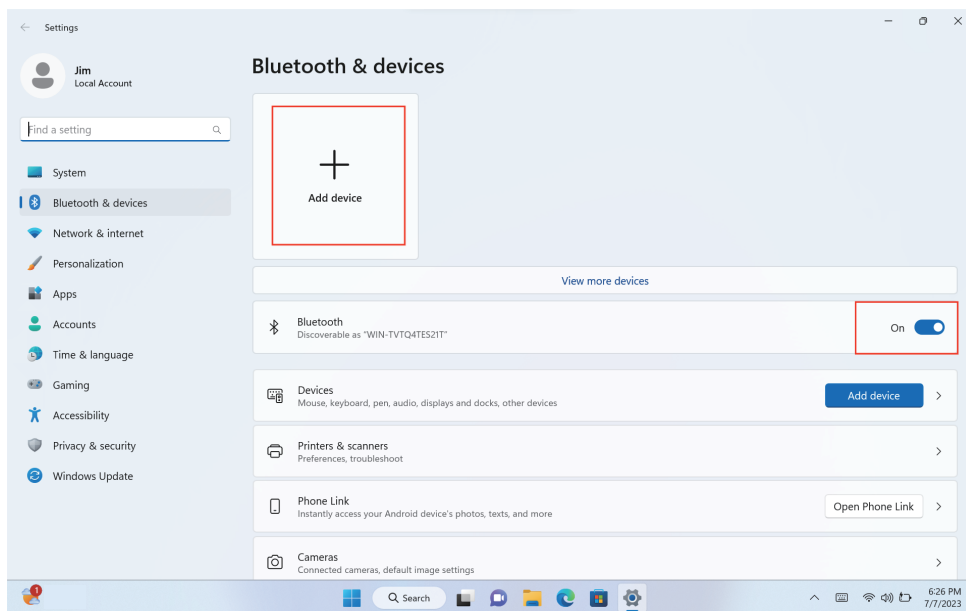
2.4. Using the Bluetooth

Bluetooth technology allows short-range wireless communications between devices without requiring a cable connection. Data can be transmitted through walls, pockets, and briefcases as long as two devices are within range.

Turning On / Off the Bluetooth

To turn on the Bluetooth:

Click **[Start]** -- Click **[Settings]** -- Select **[Bluetooth & Devices]**, then turn on "Bluetooth".



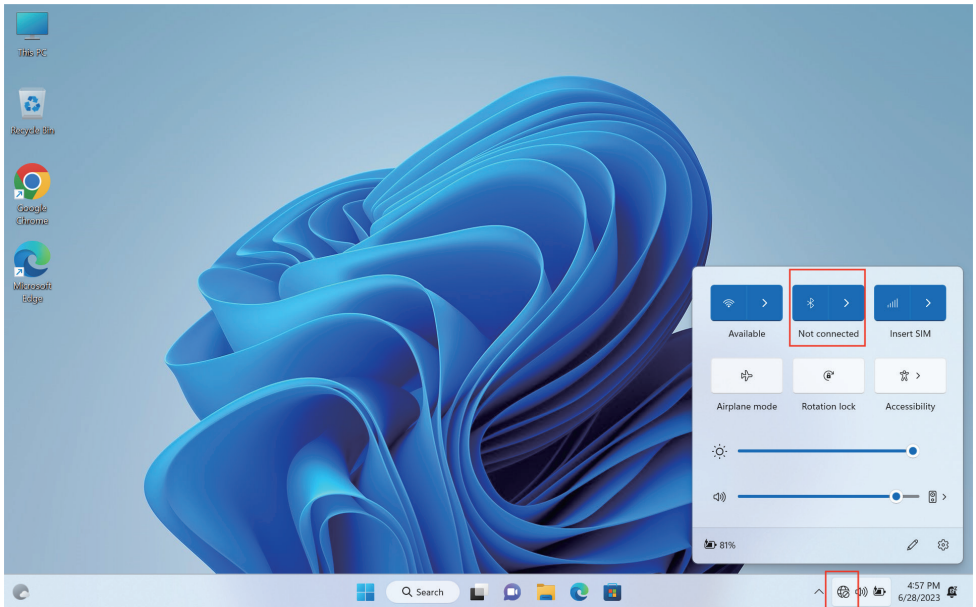
To turn off the Bluetooth:

You can turn off the Bluetooth the same way you turn it on.

Connecting to another Bluetooth Device

1. Please make sure that the Bluetooth function is enabled (as described above).
2. Please make sure that the target Bluetooth device is turned on, discoverable, and within close range.
3. Click **[Start]** -- Click **[Settings]** -- Select **[Bluetooth & Devices]**, then turn on "Bluetooth" -- Select **[Add a device]**.
4. Select the device you want to connect from the search results.
5. Enter the passcode when connecting to Bluetooth to complete the connection.

In Quick Settings: To find the quick settings for Bluetooth, select the Network, Sound, or Battery icon next to the time and date on the right side of the taskbar. Select Bluetooth to turn it on. If you turn it on without any Bluetooth devices connected, it may show up as "Not Connected".

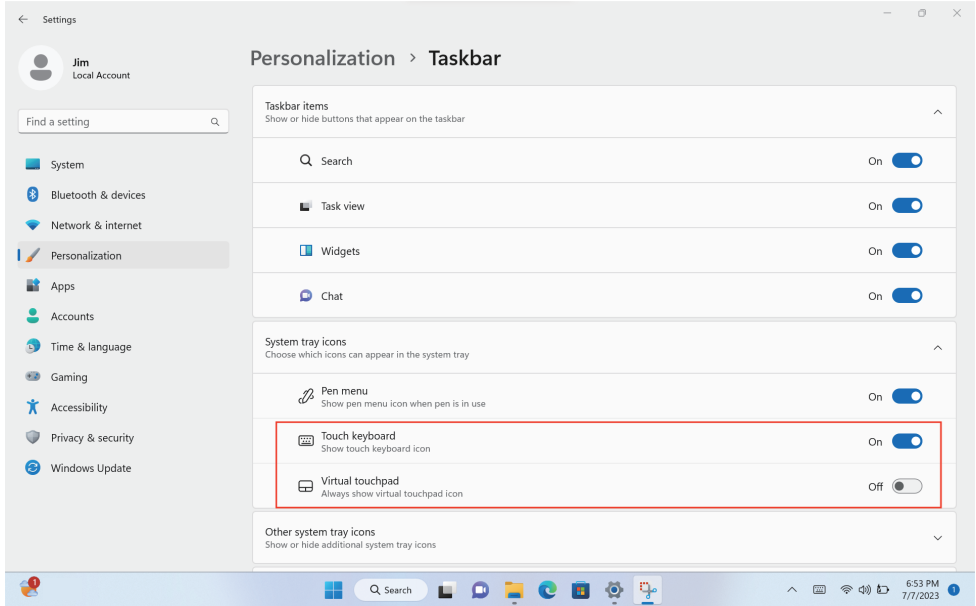


2.5. Using the SIM Card

When you insert the SIM card, click the WiFi icon at the bottom right corner, and you will see the SIM card signal displayed. For the SIM installation tutorial please refer to 1.3.

2.6. Use Virtual Keyboard

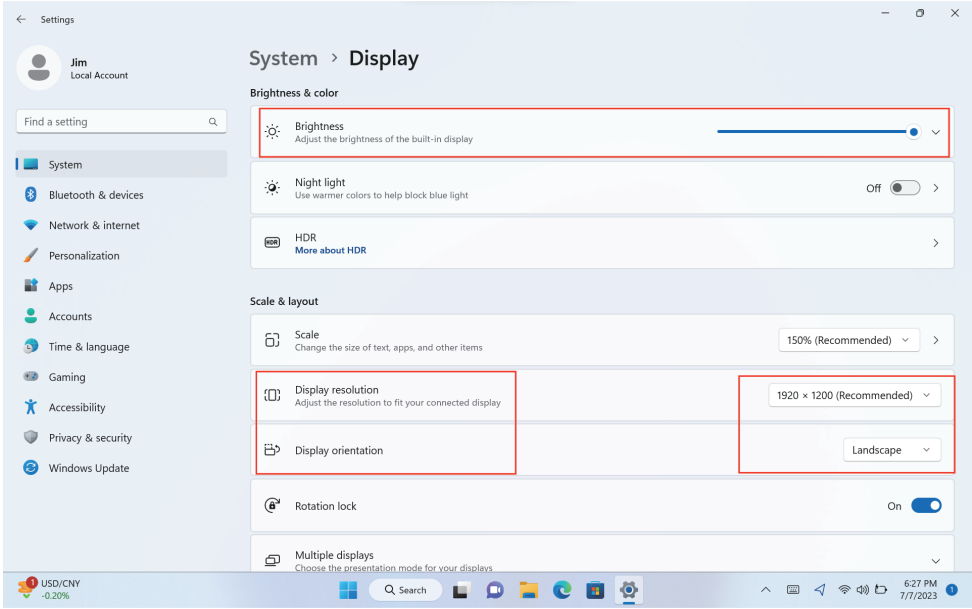
Click the Setup icon in the lower right corner of the screen, and click **[Settings]** → **[Personalization]** → **[Taskbar]** → **[Touch Keyboard]**.



2.7. Display Settings

Click [Settings] → [System] → [Display]

This is where you can adjust the screen brightness, resolution, and screen rotation.

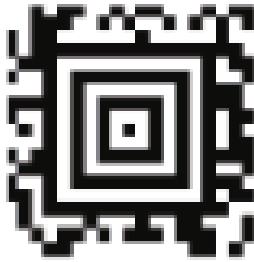


3.0. Scanner Settings

If any other configuration is needed. Please try to check the relevant information in the details guidance: <http://munbyn.biz/irt12sc>

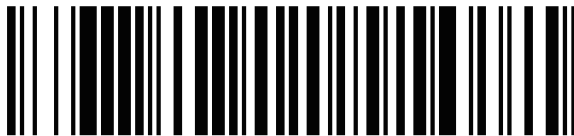
3.1. Resetting the Factory Defaults

- Scan the code to active default.



3.2. Enable Keyboard mode

- Scan USB Keyboard



PAP124.

USB Keyboard (PC)

3.3. Add a Tab Suffix

- Step 1. Scan Add Suffix.



3.4. Add a Enter Suffix

- Scan the following bar code if you wish to add a carriage return suffix to all symbologies at once. This action first clears all current suffixes, then programs a carriage return suffix for all symbologies.



VSUF CR.

**Add CR Suffix
All Symbologies**

4.0. FAQ

4.1. Battery Problems

Why is the device battery not charging? (The red indicator does not light up).

- Please make sure that the AC adapter is properly connected.
- Please make sure that the battery is not too hot or cold. Allow time for the battery pack to return to room temperature.
- If the battery doesn't charge after it has been stored in very low temperatures, try disconnecting and reconnecting the AC adapter to solve the problem.
- Please make sure that the battery terminals are clean.

Why does its operating time become shorter after the battery is fully charged?

- If you often partially recharge and discharge the battery, it might not be charged to its full potential. Initialize the battery to solve the problem. (Fully charge in the shutdown state, discharge to 0%, and then fully charge the shutdown, cycle 2-3 times).
- If this does not solve your problem, please contact technical support.

Why does the estimated operating time for battery power metering not match the actual usage time?

- The actual operating time can be different from the estimated time, depending on how you are using the Tablet. If the actual operating time is much less than the estimated time, initialize the battery.
(Fully charge in the shutdown state, discharge to 0%, and then fully charge the shutdown, cycle 2-3 times).

4.2. Display Problems

Why does the device screen not display?

- The screen may automatically turn off as a result of power management. Please press any key to see if the screen comes back.
- The brightness level might be too low. Please increase brightness.
- The screen output may be switched to an external device. Please switch the display via Windows [Control Panel].

Why is the image on the device screen dark?

- Adjust the brightness and/or contrast. (Please refer to 2.7)
- If this does not solve your problem, please contact technical support.

4.3. Power Management Problems

How to fix tablet not sleeping or hibernating automatically or immediately.

- Please make sure you have enabled the timeout setting for the standby or hibernate function.
- If the Tablet is operating, it normally waits for the operation to finish.
- If this does not solve your problem, please contact technical support.

Why can't the tablet resume from standby or hibernate mode?

- Please long press the on button to restart the machine.
- The battery may be exhausted, please connect the power adapter and try to turn on the machine again.
- If this does not solve your problem, please contact technical support.

4.4. Startup Problems

Why does the system seem to be unresponsive when I turn on the computer?

- Please check the battery installation.
- Please connect an external power supply for 30 minutes of power and try powering on again.
- If this does not solve your problem, please contact technical support.

4.5. Tablet unresponsive issue.

When the tablet crashes due to a problem, you may need to restart the tablet.

Please reboot in one of the following ways:

- Please use the external keyboard to press Ctrl + Alt + Del to bring up the Ctrl-Alt-Del screen. This screen provides several options including "Restart."
- If the above method does not work, press and hold the power button for more than 5 seconds to force the Tablet to shut down. Then turn it on again.
- If this does not solve your problem, please contact technical support.

4.6. Tablet reinstallation.

If you are experiencing system issues that cannot be resolved you have the option of reinstalling the operating system. Below are links to download the system firmware and

related documentation.



<https://munbyn.biz/IRT12SYS>

You can contact us for support if you encounter any problems during the driver installation process.

4.7. SIM card problems

- If “Insert SIM” is displayed in the lower right corner of the screen, the SIM card has not been installed or has been installed incorrectly. Please reboot the device once after installing the SIM card correctly according to section 1.3.
- If the bottom right corner of the screen displays the SIM card normally but still no network connection, please contact the operator to get the APN information to further set up the SIM card.
- If this does not solve your problem, please contact technical support.

4.8. Scanning Problems

No light is emitted when scanning: Restart the device first, if it still doesn't work, contact technical support.

Scanning light does not output content: Scan code settings according to section 3.2. If it still does not work, contact technical support.

Contact Us



Scan to contact Technical Support

MUNBYN provides an 18-month warranty and lifetime free service.

If you encounter any issues with the product, please contact the MUNBYN team to promptly receive troubleshooting tips or a replacement.

E-mail: support@munbyn.com

Website: www.munbyn.com (how-to videos, warranty details)

Phone: +1 (628) 229 3612

WhatsApp: +86 133 0248 2997

Support Hours: 24 hours a day, Monday to Friday

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