

PRODUCT SUPPORT

IoT Router – 5G

Updated September 11, 2026



IoT Router – 5G is a compact, energy-efficient 5G gateway for ultra-fast data transmission with ultra-low latency. Backward compatibility with 4G and 3G networks enables future-proofing solution infrastructures even in areas where 5G is not yet available.

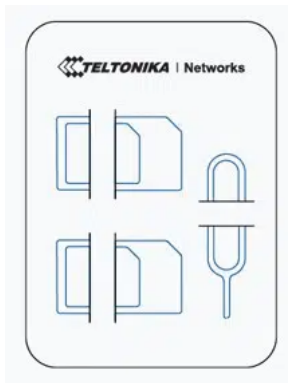
Latest information

<https://www.csl-group.com/support/5g/>

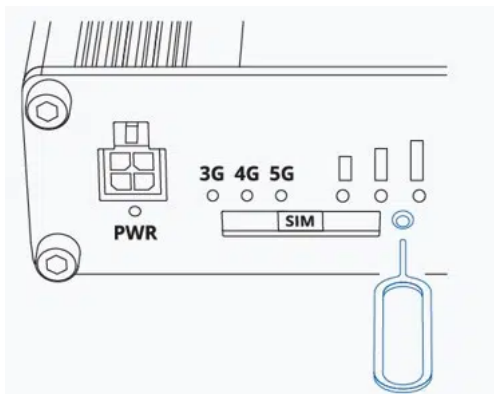
Quick Guide

Quick Guide

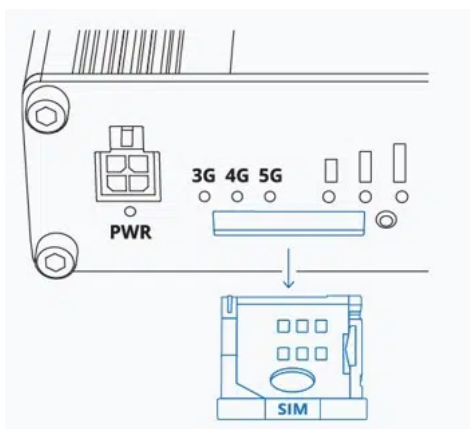
1. Locate the SIM adaptor kit.



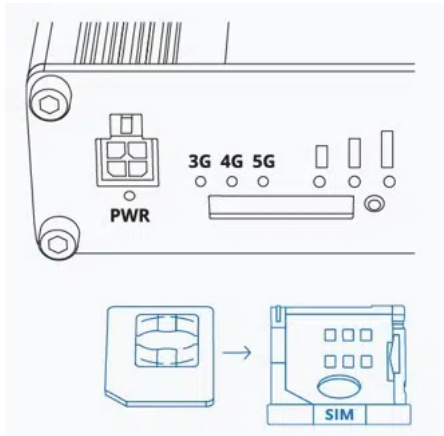
2. Push the SIM holder button with the SIM needle.



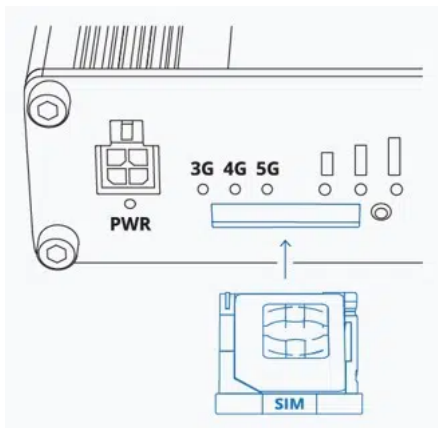
3. Pull out the SIM holder.



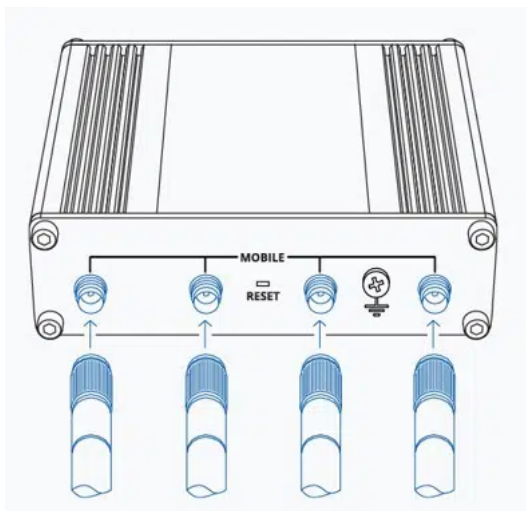
4. Insert your SIM card into the SIM holder.



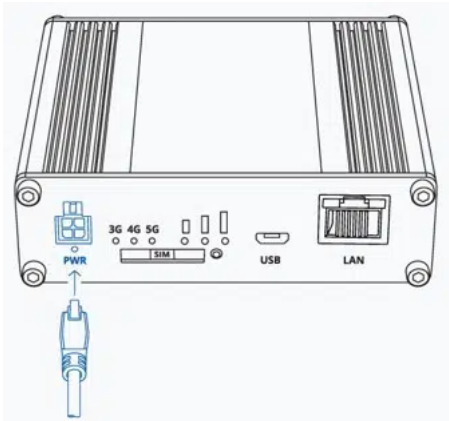
5. Slide the SIM holder back into the router.



6. Attach all mobile antennas to connectors labelled "Mobile".



7. Connect the 4-pin connector to the power socket on the front of the device. Then plug the power adapter into an electric outlet.



Teltonika Networks

For more information about this product, please visit our Partner, [Teltonika Network's website](https://wiki.teltonika-networks.com/view/TRB500). (<https://wiki.teltonika-networks.com/view/TRB500>)

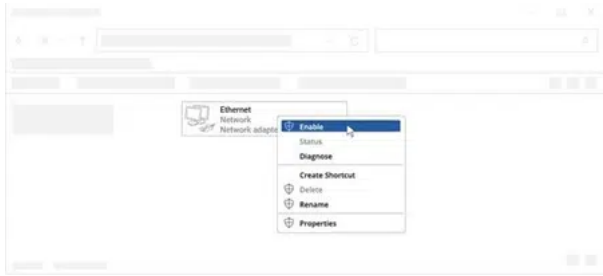
AnyConnect

For more information on utilising AnyConnect for the IoT Router – 5G, please visit [this page](https://www.csl-group.com/support/any-connect/). (<https://www.csl-group.com/support/any-connect/>)

Configuring the Router

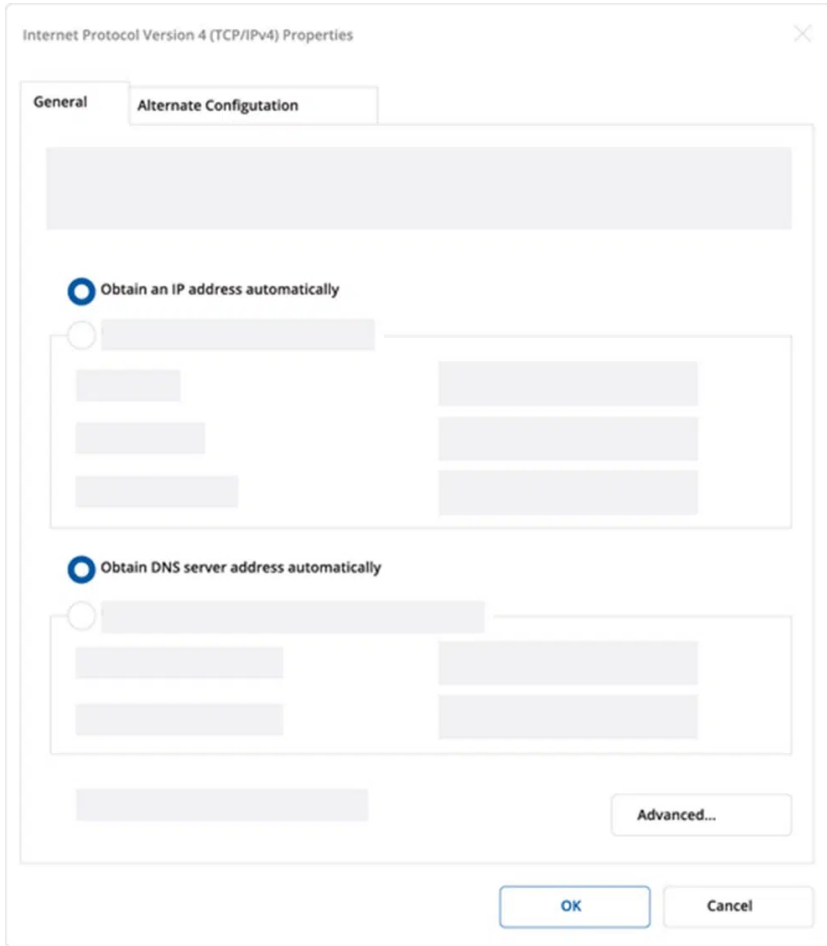
Configure your computer LAN (Windows)

1. Ensure the Network connection is Enabled. Go to Start — Control Panel — Network and Internet — Network and Sharing Centre. Click on the Change adapter settings in the left panel, then right-click on Network Adapter, and select Enable.



2. Check if IP and DNS are obtained automatically. Right-click on Wireless Network Adapter and select Properties. Then select Internet Protocol Version 4 and click Properties.

3. If not selected, check to obtain an IP address and obtain DNS server address automatically. Click OK.



Internet Protocol Version 4 (TCP/IPv4) Properties

General Alternate Configuration

☒ Obtain an IP address automatically

☐ Obtain an IP address manually

☒ Obtain DNS server address automatically

☐ Obtain DNS server address manually

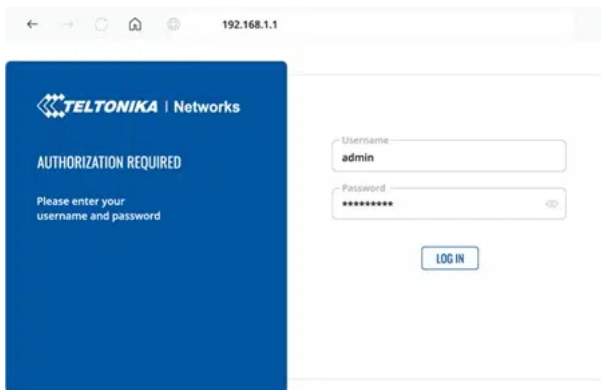
Advanced...

OK Cancel

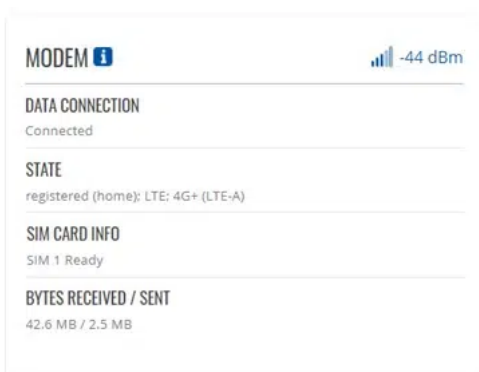
Device Login

Login to Device

1. To enter the gateway's Web interface (WebUI), type `http://192.168.2.1` into the URL field of your Internet browser.
2. When prompted for authentication enter the username `admin` and enter the password located on the device information label/engraving.



3. After logging in, you must set a new password for security reasons. You will not be able to interact with the gateway's WebUI until the default password is changed. The new password must consist of a minimum of 8 characters. Requirements: one uppercase letter, one lowercase letter, and one digit.
4. Next, the Configuration Wizard will start to help you set up some of the gateway's main operational parameters.
5. Finally, let's verify the Mobile signal strength. Go to the Status — Network page and pay attention to the Signal Strength indication.



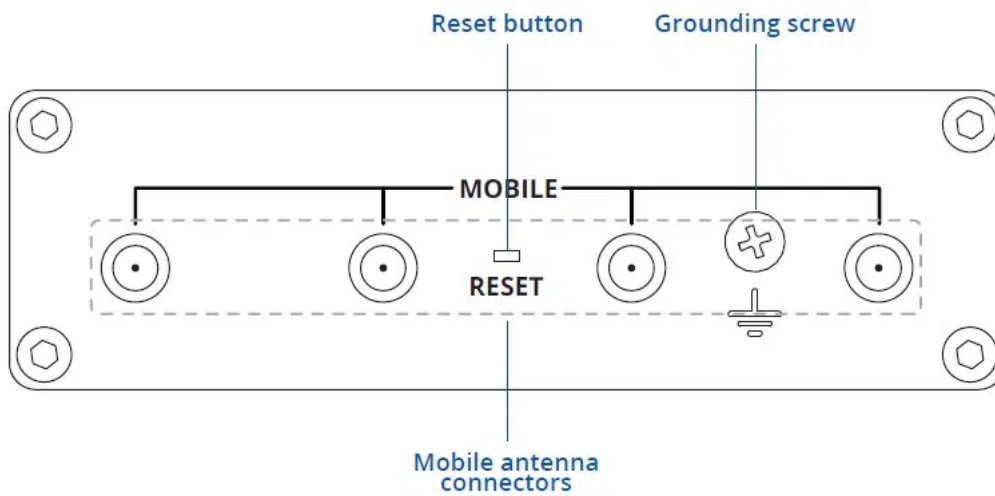
To achieve the best signal conditions and maximize cellular performance, try adjusting the antennas or changing the location of your device. You can find information on signal strength recommendations [here](#).

Technical Specifications

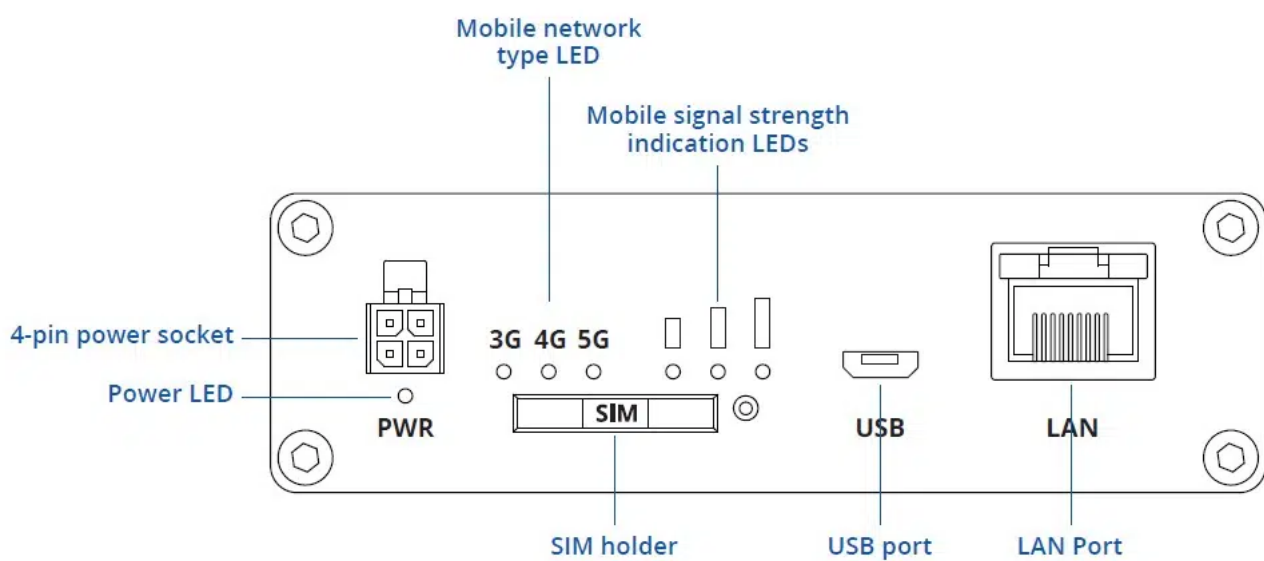
Technical Specifications

Mobile module	5G Sub-6Ghz SA/NSA 2.1/3.3Gbps DL (4x4 MIMO), 900/600 Mbps UL (2x2); 4G (LTE) – LTE Cat 20 2.0Gbps DL, 200Mbps UL; 3G – 42 Mbps DL, 5.76Mbps UL
Power Connector	4-pin industrial DC power socket
Input voltage range	9 – 30 VDC, reverse polarity protection, surge protection +/-1 kV 50 µs max
Ethernet	1x RJ45 port, 10/100/1000 Mbps
I/O's	2 x Configurable I/O pins on 4-pin power connector
Status LEDs	3 x connection type status LEDs, 3 x connection strength LEDs, 2 x LAN status LEDs, 1x Power LED
SIM	1x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
Antennas	4 x SMA for Mobile
Dimensions (W x H x D)	100 x 30 x 93.4 mm
Weight	241g
Mounting options	DIN rail, Flat surface
Operating temperature	-40 °C to 75 °C
Ingress Protection Rating	IP30

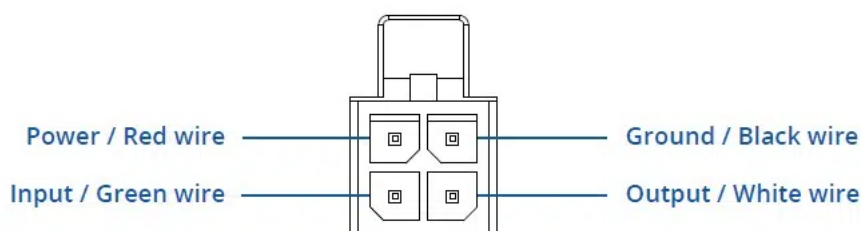
Front View



Back View



Power Socket Pinout



FAQs

How easy is it to install my new IoT Router?

It's very easy and takes only a few steps.

Follow our simple Quick Guide (see other tab) or follow the vendor [Quick Start](https://wiki.teltonika-networks.com/view/TRB500) (<https://wiki.teltonika-networks.com/view/TRB500>) Guide.

Can I change the settings on my IoT Router?

Yes, you can configure the settings on your router. Configuration can be updated from the vendors Remote Management System (RMS) or by connecting directly to the router LAN.

Support on configuration can be found on the vendor [Knowledge Base](https://wiki.teltonika-networks.com/view/TRB500) (<https://wiki.teltonika-networks.com/view/TRB500>).

Can I Access and Manage my routers remotely?

Yes, Remote Management System (RMS) is a web-based management platform that allows you to monitor and manage your estate of routers remotely. CSL includes 30 days of RMS free to assist with the installation and set up of your routers. To extend this past 30 days a code can be purchased from CSL using our M2Mconnect portal or by contacting your sales rep.

For assistance with RMS setup, we have included a guide within the router box or visit our vendor's [FAQs](https://wiki.teltonika-networks.com/view/RMS_FAQ) (https://wiki.teltonika-networks.com/view/RMS_FAQ).

Can my router supply a Wi-Fi connection?

No, this model of IoT Router (TRB500) does not have Wifi. However, many other models of our IoT Router offering do.

Contact your sales rep or [Contact Us](https://www.csl-group.com/contact-us/) (<https://www.csl-group.com/contact-us/>) for support.

Can I connect the router a VPN to my IoT Router?

Yes, CSL can provide a token to access our vendor's VPN platform, RMS VPN, which allows for secure access, including remote connection back into the device, from any Teltonika device back to the RMS cloud platform.

For more information on RMS VPN and for the setup guide:

- [RMS VPN Quick Connect](https://wiki.teltonika-networks.com/view/RMS_Quick_Connect) (https://wiki.teltonika-networks.com/view/RMS_Quick_Connect)
- [RMS VPN Hubs](https://wiki.teltonika-networks.com/view/RMS_VPN_Hubs) (https://wiki.teltonika-networks.com/view/RMS_VPN_Hubs)

Contact your sales rep or [Contact Us](https://www.csl-group.com/contact-us/#contact) (<https://www.csl-group.com/contact-us/#contact>) for further support.

Additionally, these routers can be configured with the most common VPNs. Support with configuring your VPN can be found [here](https://wiki.teltonika-networks.com/view/VPN) (<https://wiki.teltonika-networks.com/view/VPN>).

Can I connect more than one device to my IoT Router?

No, not directly as the TRB500 only has one ethernet port. However, many other models of our IoT Router offering do.

Contact your sales rep or [Contact Us](https://www.csl-group.com/contact-us/) (<https://www.csl-group.com/contact-us/>) for support.

Does my CSL 4G Router support DHCP?

Yes, and in most cases DHCP will be enabled by default.

Where can I purchase high gain aerials and other accessories for the IoT Router?

You can purchase accessories (including aerials) for your IoT Router using the [M2M Connect Portal](https://m2mconnect.csldual.com/) (<https://m2mconnect.csldual.com/>).
