



TELTONIKA RUTX09 LTE-A CAT6 Cellular IoT Dual SIM Router User Guide

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Networks

Quick Start Guide v2.3

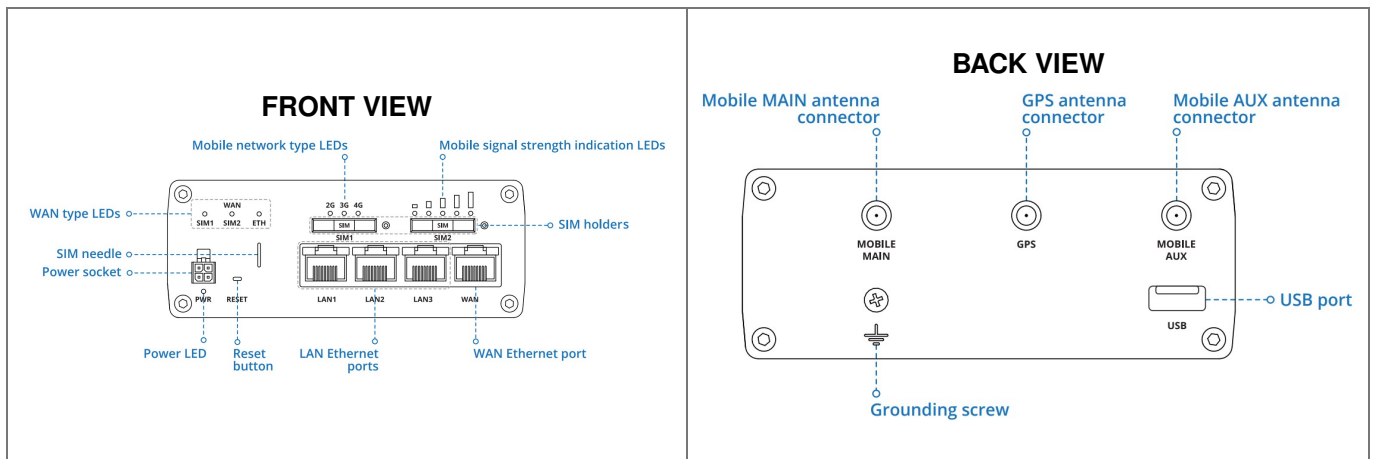
Wiki knowledge base

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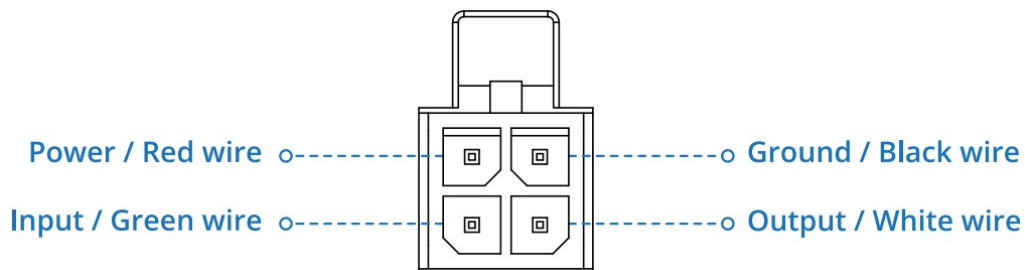




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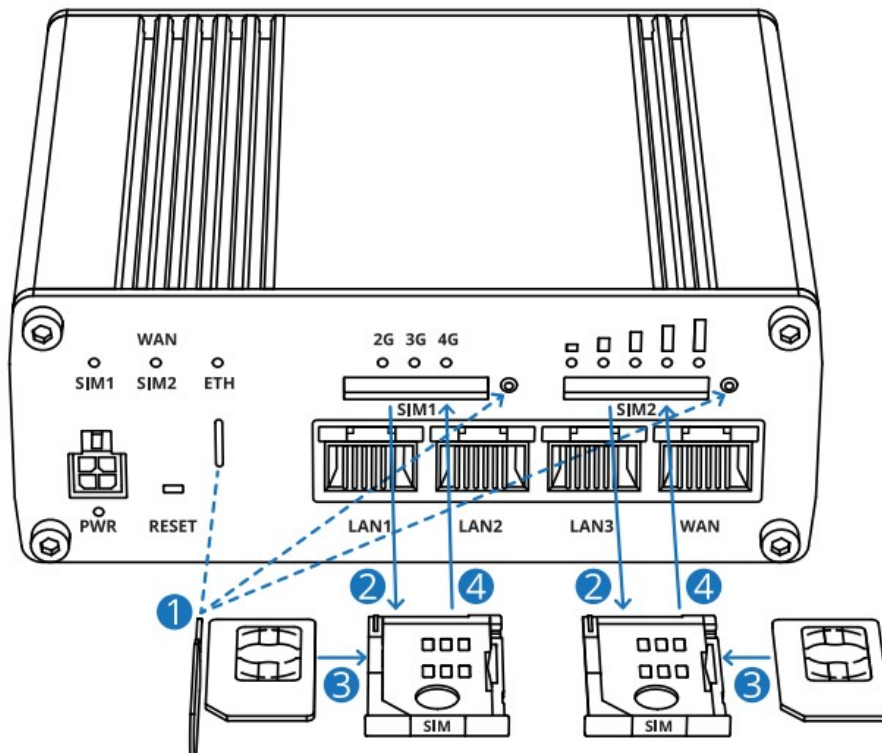
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POWER SOCKET PINOUT



HARDWARE INSTALLATION


1. Pull out the SIM needle from the front panel of the router.
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 antennas.
7. Connect the power adapter to the socket on the front of the device. Then plug the other end of the power adapter into a power outlet.
8. Connect to the device via an Ethernet cable connected to the LAN port.



LOGIN TO DEVICE

1. To enter the router's Web interface (WebUI), type <http://192.168.1.1> into the URL field of your Internet browser.
2. Use login information shown in image A when prompted for authentication (image B). To maximize the cellular performance try adjusting the antennas or changing the location of your device to achieve the best signal conditions.

A.



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AUTHORIZATION REQUIRED

Please enter your username and password

B.

MOBILE	 -65 dBm
Data connection	Connected
State	Registered (homed OPERATOR; 4G (LTE))
SIM card slot In use	Ready
Bytes received/sent	348.7 KB / 223.5 KB

TECHNICAL INFORMATION

Radio specifications	
RF technologies	3G, 4G, GNSS
Max RF power	24 dBm@WCDMA, 23 dBm@LTE
Bundled accessories specifications*	
Power adapter	Input: 0.4A@100-240VAC, Output: 9VDC, 0.5A, 4-pin plug
Mobile antenna	698-960/1710-2690 MHz, 50 Ω, VSWR<2, gain** 2 dBi, omnidirectional, SMA male connector
GNSS antenna	1575.42~1602 MHz, 2.2~5 VDC, VSWR<1.5, active total gain** 28 dB (typ.), RHCP polarization, SMA male connector

*Order code dependent.

**Higher gain antenna can be connected to compensate for cable attenuation when a cable is used. The user is responsible for compliance with the legal regulations.

SAFETY INFORMATION

Hereby, TELTONIKA declares that this RUTX09 is in compliance with the essential requirements and other relevant provisions of Directive CE/RED.

The full text of the EU declaration of conformity is available at the following

internet address: https://wiki.teltonika-networks.com/view/RUTX09_CE/RED

Instruction Manual: Connect the power adapter to turn on the device. Open [192.168.1.1](#) in your web browser to configure it. More information on

<https://wiki.teltonika-networks.com/>

For more information visit www.teltonika-networks.com



This sign means that all used electronic and electric equipment should not be mixed with general household waste.




This sign means that the product meets the requirements of the applicable EU directives.

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Documents / Resources

	TELTONIKA RUTX09 LTE-A CAT6 Cellular IoT Dual SIM Router [pdf] User Guide RUTX09, LTE-A CAT6 Cellular IoT Dual SIM Router
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References

- [Teltonika Networks - LTE Routers, Gateways & Modems for IoT](#)
- wiki.teltonika-networks.com/
- [RUTX09 CE/RED - Teltonika Networks Wiki](#)

[Manuals+](#)