



RUT950 LTE Router

Quick start guide v6.0



Front view

- 1 LAN Ethernet ports
- 2 WAN Ethernet port
- 3 LAN LEDs
- 4 WAN LED
- 5 Power socket
- 6 Power LED
- 7 Mobile connection status LED
- 8 Mobile signal strength indication LEDs



Power socket pinout

No.	Description	Wire color
1	Power	Red
2	Ground	Black
3	-	Green
4	-	White



Back view

- 1 LTE antenna connectors
- 2 WiFi antenna connectors
- 3 Reset button



Hardware installation

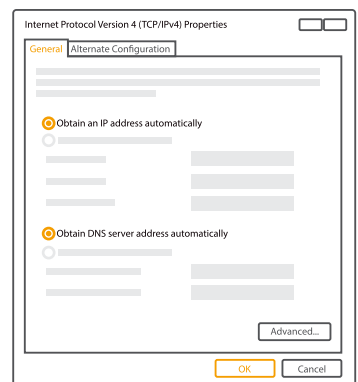
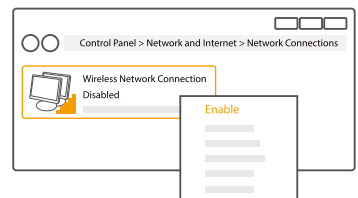
1. Remove back panel and insert SIM cards which were given by your ISP (Internet Service Provider). Correct SIM cards' orientation is shown in the picture below.



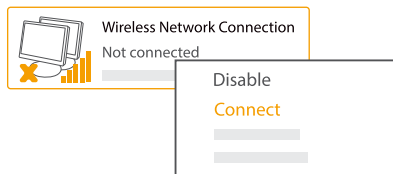
2. Attach LTE and WiFi antennas.
3. Connect the power adapter to the socket on the front of the device. Then plug the other end of the power adapter into the power socket.
4. Connect to the device wirelessly (SSID: Teltonika_Router) or use Ethernet cable and plug it in to any LAN Ethernet port.

Configure your computer (Windows)

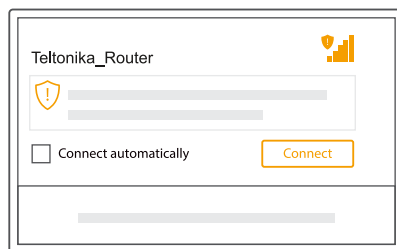
1. Enable the wireless network connection (go to **Start > Control Panel > Network and Internet > Network and Sharing Center**. In the left panel click **Change adapter settings** link. Right click on **Wireless Network Connection** and select **Enable**).
2. Setup wireless network adapter on your computer (right click on **Wireless Network Connection** and select **Properties**. After that select **Internet Protocol Version 4 (TCP/IP)** and click **Properties**).
3. Select **Obtain IP address automatically** and **Obtain DNS server address automatically** if they are not selected. Click **OK**.



- Right click on [Wireless Network Connection](#) and select [Connect](#) to see available wireless networks.



- Choose the wireless network [Teltonika_Router](#) from the list and click [Connect](#).



Login to device

- To enter routers Web interface type `http://192.168.1.1` in your internet browser.
- Use the following parameters when prompted for authentication:

A screenshot of a web browser displaying the login page for the Teltonika Router. The address bar shows the URL 'http://192.168.1.1'. The page title is 'Authorization Required' with the instruction 'Please enter your username and password'. The 'Username' field contains 'admin' and the 'Password' field contains 'admin01'. A 'Login' button is located below the password field.

- [Configuration Wizard](#) will start after logging in. It is necessary to complete [Configuration Wizard](#) to setup router to correct mode. You can leave default settings but it is strongly recommended that you change the password and enable [Wireless Security](#).
- Go to [Status > Network information](#) and pay attention to [Signal Strength](#). To maximize the performance try adjusting antennas or changing location of your device to achieve best signal conditions.

Login to device

Mobile

WAN

LAN

Wireless

OpenVPN

Mobile Information

Mobile

Data connection state	Connected
IMEI	860461024004296
Sim card state	OK
Signal strength	-44 dBm

Safety information

RUT950 router must be used in compliance with any and all applicable national and international laws and with any special restrictions regulating the utilization of the communication module in prescribed applications and environments.

Specifications	
Software	RUT950_R_XX.XX.XXX
Frequency bands*	EEE802.11b/g/n 2400 MHz, GSM/3G/4G, UMTS/HSPA+
Max. RF power	20 dBm@WiFi, 33 dBm@GSM/GPRS/EDGE, 24 dBm@LTE/WCDMA
Representative accessories specifications	
Power	AC/DC power adapter 9 V 1 A, 2 pin plug
GSM/WCDMA/LTE antenna	703-960/1710-1990/2110-2170/2500-2690 MHz, 50 Ω, VSWR ≤ 2, gain** 1 dBi, omnidirectional, SMA male connector
WiFi antenna	2400-2500 MHz, 50 Ω, gain** 3dBi, VSWR ≤ 2, omnidirectional, RP-SMA male connector

* Supported frequency bands are dependent on geographical location and may not be available in all markets.

** If an extension cable is used to attach the antenna, the antenna gain may be higher by the amount of cable attenuation. The user is responsible for the compliance with the legal regulations.

This sign on the package means that it is necessary to read the Users Manual before you start using the device.

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



Hereby, Teltonika declares that the radio equipment type RUT950 is in compliance with Directives: 2014/53/EU, 2014/35/EU, 2014/30/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://teltonika.lt/product/rut950/>