

# RUTX14

4G LTE CAT12 INDUSTRIAL CELLULAR ROUTER



RUTX14 360° VIEW



## 4G LTE CAT12

Download up to 600 Mbps  
Upload up to 150 Mbps

## WIFI & BT

Wave-2 802.11ac Dual Band WIFI and Bluetooth LE

## DUAL SIM

With auto failover, backup WAN and other switching scenarios

## LOAD BALANCING

Allows to use multiple WAN sources to increase throughput

## GNSS

Global Navigation Satellite System for location services and time synchronization

## RMS

Compatible with Teltonika Remote Management System

### RUTX14

## PRODUCT DESCRIPTION

// RUTX14 is the fastest single modem LTE router in our portfolio.

// 5 x Gigabit Ethernet ports, Wave-2 802.11ac Dual-Band Wi-Fi, Bluetooth LE, and USB interfaces and dual SIM for advanced throughput and ultra-reliable connectivity.

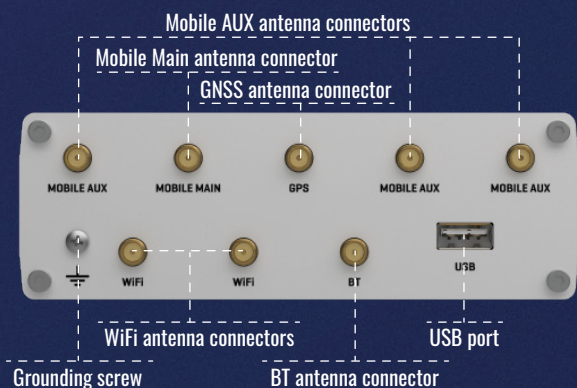
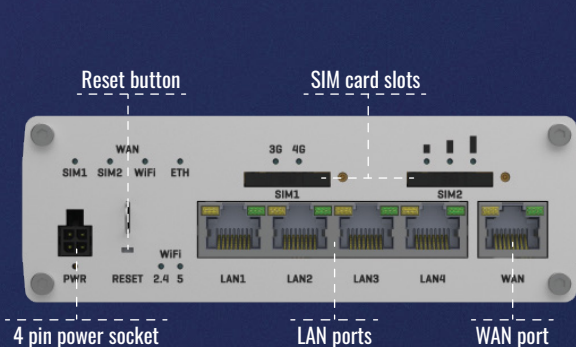
// Equipped with advanced security features like multiple VPN's, firewall & cyber attack prevention.

// Combination of fast CAT12 connectivity, wide range of physical interfaces, extensive RutOS functionality and great remote management capabilities make this device an excellent choice for primary or backup connectivity.



### FRONT VIEW

### BACK VIEW



# KEY FEATURES

## HARDWARE

Mobile	4G/LTE (Cat 12)
CPU	Qualcomm, 4 x ARM Cortex A7, 717 MHz
Memory	256 MBytes Flash, 256 MBytes RAM
Powering option	4 pin power socket, 9-50 VDC
SIM	2 x External SIM holders (2FF)
Antenna connectors	4 x SMA for mobile, 2 x RP-SMA for WiFi, 1 x RP-SMA for Bluetooth, 1 x SMA for GPS
Ethernet	5 x 10/100/1000 Ethernet ports: 1 x WAN (configurable as LAN), 4 x LAN
WiFi	IEEE 802.11b/g/n 2.4GHz, IEEE 802.11n/ac 5GHz, Access point (AP), Station (STA)
GNSS	GPS, GLONASS, BeiDou, Galileo, QZSS
Connectors	1 x 4 pin DC, 5 x Ethernet, 4 x SMA for LTE, 2 x WiFi RP-SMA, 1 x SMA for GNSS, 1 x RP-SMA for Bluetooth
Bluetooth	4.0 (Low energy)
Inputs/Outputs	On 4 pin socket: 1 x Digital input, 1 x Digital open collector output
Other	1 x USB host, 1 x Grounding screw
Status LEDs	4 x WAN type, 2 x Connection type, 3 x Signal strength, 2 x WiFi, 10 x Ethernet, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing with DIN rail mounting option and grounding capability
Dimensions (W x H x D)	132 x 44 x 95 mm
Weight	515 g

## SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Multiple PDN, Auto APN, Band lock, SIM switch, Operator black/white list (planned), Data/SMS limits
Network	Failover (Network backup), VLAN, QoS, Load Balancing
Routing	Static routes, Dynamic routes (BGP, OSPFv2, RIPv1/v2, EIGRP, NHRP), Routing rules
Monitoring and management	WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS
Cloud solutions	RMS, FOTA, Telenor, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
Hotspot	External/Internal Radius, SMS OTP, MAC authentication, Walled Garden
Supported Hotspot platforms	IronWiFi, HotspotSystem, Cloud4Wi, SAI + WiFi, MugiCloud, Purple.ai

## RMS

**RMS** | REMOTE MANAGEMENT SYSTEM  
**COMPATIBLE WITH RUTX14**  
 MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA



## SOCIAL

