

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.

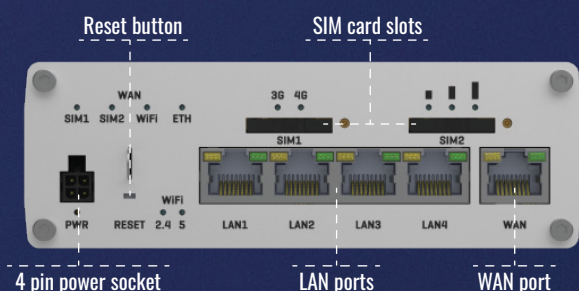
// 5 x Gigabit Ethernet ports, Wave-2 802.11ac Dual-Band Wi-Fi, Bluetooth LE, and USB interfaces and dual SIM for advanced throughput and ultra-reliable connectivity.

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

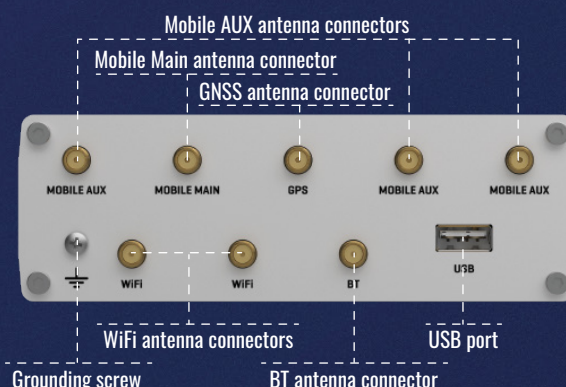
// Combination of fast CAT12 connectivity, wide range of physical interfaces, extensive RutOS functionality and great remote management capabilities make this device an excellent choice for primary or backup connectivity.



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

