RUT950

INDUSTRIAL CELLULAR ROUTER

CONNECTIVITY

4G/LTE (Cat 4), 3G, 2G

WIFI

Wireless Access Point with Hotspot functionality

ETHERNET

4x Ethernet ports with VLAN functionality

WAN FAILOVER

Automatic switch to available backup connection

DUAL SIM

With auto failover, backup WAN and other switching scenarios

RMS

Compatible with Teltonika Remote Management System

RUT950

PRODUCT DESCRIPTION

// RUT950 is a high-performance industrial 4G LTE Wi-Fi router designed as a Main/Backup internet source and guarantees a reliable internet connection with high data throughput and data redundancy.

// Compatible with the Teltonika Networks Remote Management System (RMS) for easy and secure monitoring.

// It has four Ethernet ports, two external SIM holders, digital I/O, and signal strength status LED indicators.

// Powered by RutOS - a unified operating system for all Teltonika Networks routers, this device is highly secure and customizable.

FRONT VIEW

LAN Ethernet port

WAN Ethernet port

Power socket

BACK VIEW

LTE antenna connectors

SIM card slots

WiFi antenna connector
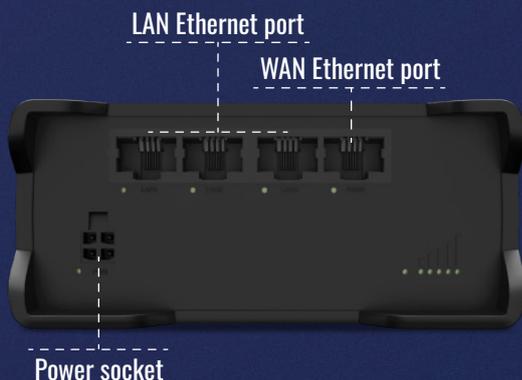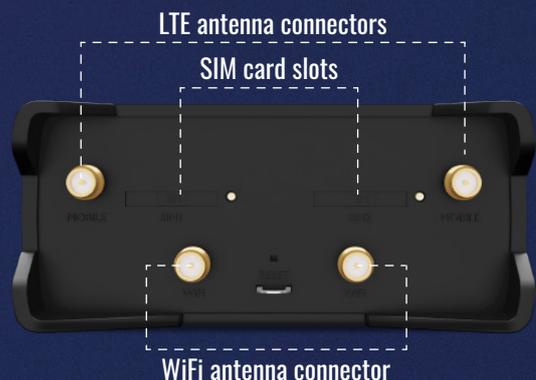
KEY FEATURES

HARDWARE

Mobile	4G/LTE (Cat 4), 3G, 2G
CPU	Atheros, MIPS 74Kc, 550 MHz
Memory	16 MBytes Flash, 128 MBytes RAM
Powering option	4pin power socket, 9-30 VDC
SIM	2 x External SIM holders (2FF)
Antenna connectors	2 x SMA for mobile, 2 x RP-SMA for WiFi
Ethernet	4 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 3 x LAN
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
Inputs/Outputs	On 4pin socket: 1 x Digital input, 1 x Digital open collector output
Status LEDs	1 x Bi-Color connection type, 5 x Signal strength, 4 x Ethernet, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing with DIN rail mounting option, plastic panels with flat mounting option
Dimensions (W x H x D)	109 x 50 x 103 mm
Weight	263 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Auto APN, Band lock, SIM switch, Operator black/white list, Data/SMS limits
Network	Failover (Network backup), VLAN, QoS, Load Balancing
Routing	Static routes, Dynamic routes (BGP, OSPFv2, RIPv1/v2, NHRP), Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP
Monitoring and management	WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
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
SMS features	SMS status, SMS configuration, Send/Read SMS via HTTP POST/GET, EMAIL to SMS, SMS to Email, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP
Services	DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Traffic Logging

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RMS

RMS
REMOTE
MANAGEMENT
SYSTEM

COMPATIBLE WITH RUT950

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

SOCIAL