

RUT950



RUT950 360° VIEW

INDUSTRIAL CELLULAR ROUTER

// 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.



CONNECTIVITY

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

DUAL SIM

With auto failover, backup WAN and other switching scenarios

WI-FI

Wireless Access Point with Hotspot functionality

WAN FAILOVER

Automatic switching to available Backup connection



RMS

REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUT950

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

KEY FEATURES

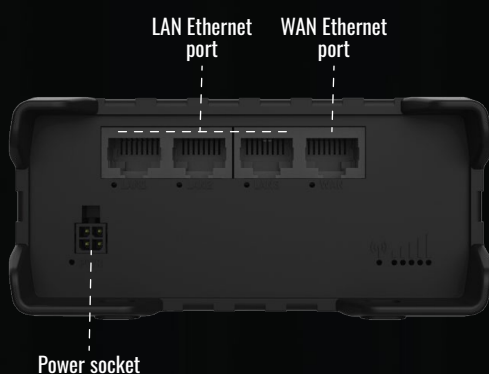
HARDWARE

Mobile	4G/LTE (Cat 4), 3G, 2G
CPU	Atheros, MIPS 74Kc, 550 MHz
Storage	16 MB Flash
Memory	128 MB 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
Dimensions (W x H x D)	110 x 50 x 100 mm
Weight	280 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, EIGRP, NHRP), Routing rules
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Cloud solutions	RMS, FOTA, 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

FRONT VIEW



BACK VIEW

