

# RUT950 Router



Dual SIM

## Description



Linux powered

RoHS Compliant

ISO 9001



DNV CERTIFIED ORGANISATION

RUT950 is highly reliable and secure LTE router for professional applications. Router delivers high performance, mission-critical cellular communication. RUT950 is equipped with connectivity redundancy through dual SIM failover. External antenna connectors make it possible to attach desired antennas and to easily find the best signal location.



## Key Features

### Hardware

- LTE
- WiFi
- 9 - 30 VDC
- 3 x LAN
- 1 x WAN
- Dual SIM

### Software

- OpenVPN
- PPTP / L2TP
- IPSec
- GRE Tunnel
- Ping Reboot
- Web Filter

### Dynamic DNS

- QoS
- Periodic Reboot
- SMS Control / Gateway
- SNMP
- Mobile on Demand
- Hotspot

### VRRP

- Mobile Quota Control
- Backup WAN
- NTP
- Configuration Profiles
- Dual WebUI for recovery
- TR-069

If You think that this is not enough to win ALL Your potential customers - please contact us to get an advice on how to use it in Your application!

# Specifications



Technology/Version	Bands		
	EU/AFRICA version RUT950 Hxxxxx	US version RUT950 Jxxxxx	Asia/Australia version
LTE	FDD B1/B3/B5/B7/B8/B20 TDD B38/B40/B41	FDD B2/B4/B12	FDD B1/B2/B3/B4/B5/B7/B8/B28 TDD B40
3G	850/900/2100 MHz	850/1700/1900 MHz	850/900/1900/2100 MHz
2G	900/1800 MHz	-	850/900/1800/1900 MHz

Technology/Version	Data rates (DL/UL)		
	EU/ASIA version	US version	Asia/Australia version
LTE	FDD 150/50 Mbps TDD 130/35 Mbps	FDD 150/50 Mbps	FDD 150/50 Mbps TDD 130/35 Mbps
DC-HSPA+	42/5.76 Mbps	42/5.76 Mbps	42/5.76 Mbps
WCDMA	384/384 kbps	384/384 kbps	384/384 kbps
EDGE	236.8/236.8 kbps	-	236.8/236.8 kbps

## Ethernet

- IEEE 802.3, IEEE 802.3u standards
- 3 x LAN 10/100Mbps Ethernet ports
- 1 x WAN 10/100Mbps Ethernet port
- Supports auto MDI/MDIX

## WiFi

- IEEE 802.11b/g/n WiFi standards
- 2x2 MIMO
- AP and STA modes
- 64/128-bit WEP, WPA, WPA2, WPA&WPA2, EAP-PEAP encryption methods
- 2.401 – 2.483 GHz WiFi frequency range\*
- 20dBm max WiFi TX power
- SSID stealth mode and access control based on MAC address

## Hardware

- High performance 560 MHz CPU with 128 Mbytes of DDR2 memory
- 5.5/2.5mm DC power socket (terminal block connector optional)
- Reset/restore to default button
- 2 x SMA for LTE, 2 x RP-SMA for WiFi antenna connectors
- 4 x Ethernet LEDs, 1 x power LED
- 1 x bi-color connection status LED, 5 x connection strength LEDs
- Optional: Din rail or panels with integrated mounting flanges

## Software

- OpenVPN, IPsec, GRE, L2TP, PPTP
- Backup WAN
- PPPoE
- Dynamic DNS
- SMS and ping reboot, periodic reboot
- Status, configuration via SMS
- Send/read SMS via HTTP POST/GET
- Monitoring by SNMP, SNMP trap, TR-069
- System log to record the status of the router
- VRRP
- QoS and web filter
- Wireless hotspot with or without RADIUS server
- SIM card switch controlled by signal, data limit, roaming
- Configuration profiles
- Firmware update from bootloader via WebUI
- Restore point

## Electrical, Mechanical & Environmental

- Dimensions (H x W x D) 80 mm x 106 mm x 46 mm
- Weight 235 g
- Power supply 100 – 240 VAC -> 9 VDC wall adapter
- Input voltage range 9 – 30VDC
- Power consumption < 7 W
- Operating temperature -40 °C to 75 °C
- Storage temperature -45 °C to 80 °C
- Operating humidity 10 % to 90 % non-condensing
- Storage humidity 5 % to 95 % non-condensing

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

