



# RUT240 Router

RUT240 is a compact, cost-effective and powerful industrial router for professional applications. Router delivers high performance for mission-critical cellular communication. Equipped with external SIM holder and signal strength status LEDs, it ensures easy network management. External antenna connectors make it possible to attach desired antennas and to easily find the best signal location.



External SIM holder

## KEY FEATURES

### HARDWARE

- 2 x SMA for LTE
- 1 x RP-SMA for WiFi
- DIN rail mounting (incl. sideways mounting) (optional)
- 9 - 30 VDC
- External SIM holder
- 1 x WAN
- 1 x LAN
- 1 x Input
- 1 x Output
- WiFi and Mobile LED indications

### SOFTWARE

- OpenVPN
- PPTP
- L2TP
- IPSec
- GRE Tunnel
- Bootloader WebUI
- SMS Control
- WiFi Hotspot
- Backup WAN
- Ping Reboot
- Web Filter
- SNMP
- Configuration profiles
- Dynamic DNS
- Periodic Reboot
- Mobile Quota Control
- NTP
- RMS compatibility

## SPECIFICATIONS

### LTE

- LTE FDD: B1/B3/B5/B7/B8/B20
- LTE TDD: B38/B40/B41
- LTE CAT4 up to 150 Mbps DL
- LTE CAT4 up to 50 Mbps UL
- Class 3 (23dBm±2dB) for LTE FDD
- Class 3 (23dBm±2dB) for LTE TDD

### UMTS/DC-HSPA+

- 850/900/2100 MHz
- DC-HSPA+ mode: Max 42Mbps (DL) Max 5.76Mbps (UL)
- UMTS mode: 384 kbps DL, 384 kbps UL
- TD-SCDMA: Max 4.2Mbps (DL) Max 2.2Mbps (UL)
- Power Class 3 (24dBm +1/-3dB) for UMTS bands
- Class 3 (24dBm+1/-3dB) for TD-SCDMA

### GSM/GPRS/EDGE

- 900/1800 Mhz
- GPRS/EDGE Multi-slot Class 12
- Power Class E2 (27dBm ±3dB) for GSM 900
- Power Class E2 (26dBm +3/-4dB) for DCS 1800
- Power Class 4 (33dBm ±2dB) for GSM 900
- Power Class 1 (30dBm ±2dB) for DCS 1800

### ETHERNET

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

### WiFi

- IEEE 802.11b/g/n WiFi standards
- AP and STA modes
- 64/128-bit WEP, WPA, WPA2, WPA&WPA2 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 400 MHz CPU with 64 Mbytes of DDR2 memory
- External SIM holder
- 4 pin DC connector with 1 x Digital input and 1 x Digital output
- Reset/restore to default button
- 2 x SMA for LTE, 1 x RP-SMA for WiFi antenna connectors
- 2 x Ethernet LEDs, 1 x power LED
- 5 x signal strength LEDs, 3 x connection type indication LEDs
- Bottom and sideways DIN rail mounting slits

### SOFTWARE

- OpenVPN, IPsec, GRE, L2TP, PPTP
- Firmware update from bootloader via WebUI
- SMS Control
- Remote Management System and Teltonika Router App for easy setup, configuration and maintenance.

### ELECTRICAL, MECHANICAL & ENVIRONMENTAL

- Dimensions (W x D x H) 83 mm x 74 mm x 25 mm
- Weight 125 g
- Power supply 100 – 240 VAC -> 9 VDC wall adapter
- Input voltage range 9 – 30VDC
- Power consumption < 5W
- 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.

