

# Teltonika RUT241 LTE Wi-Fi Router



**Kode** : RUT241  
**Kategori** : Teltonika  
**Harga** : Rp 2.700.000,00

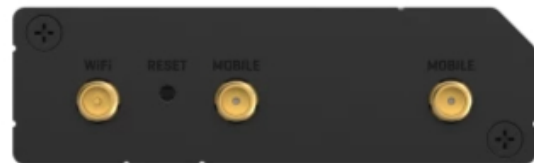
Equipped with 4G LTE, Wi-Fi, and two Ethernet ports, RUT241 offers unstoppable connection continuity with automatic WAN failover. Industrial design, compact size, multiple connection interfaces, and compatibility with RMS make this device an excellent fit in numerous IoT and M2M solutions.

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## Features :

- 4G/LTE (Cat 4), 3G, 2G
- Wireless Access Point with Hostspot Functionality
- Automatic switching to available Backup connection
- RMS for remote management, access & VPN services



## Specification

<b>Model</b>	RUT241
<b>MOBILE</b>	
<b>Mobile module</b>	4G (LTE) - Cat 4 up to 150 Mbps, 3G - Up to 42 Mbps, 2G - Up to 236.8 kbps
<b>3GPP Release</b>	Release 10/11 depending on the hardware version
<b>Status</b>	Signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, Bytes sent/received, connected band, IMSI, ICCID
<b>SMS</b>	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
<b>USSD</b>	Supports sending and reading Unstructured Supplementary Service Data messages

<b>Black/White list</b>	Operator black/white list
<b>Multiple PDN</b>	Possibility to use different PDNs for multiple network access and services
<b>Band management</b>	Band lock, Used band status display
<b>APN</b>	Auto APN
<b>Bridge</b>	Direct connection (bridge) between mobile ISP and device on LAN
<b>Passthrough</b>	Router assigns its mobile WAN IP address to another device on LAN
<b>WIRELESS</b>	
<b>Wireless mode</b>	IEEE 802.11b/g/n, Access Point (AP), Station (STA)
<b>WiFi security</b>	WPA2-Enterprise - PEAP, WPA2-PSK, WEP, WPA-EAP, WPA-PSK; AES-CCMP, TKIP, Auto Cipher modes, client separation
<b>SSID/ESSID</b>	SSID stealth mode and access control based on MAC address
<b>WiFi users</b>	Up to 50 simultaneous connections
<b>Wireless Hotspot</b>	Captive portal (Hotspot), internal/external Radius server, SMS authorization, internal/external landing page, walled garden, user scripts, URL parameters, user groups, individual user or group limitations, user management, 9 default customizable themes
<b>Wireless Connectivity Features</b>	Fast roaming (802.11r), Relayd
<b>ETHERNET</b>	
<b>WAN</b>	1 x WAN port 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX
<b>LAN</b>	1 x LAN port, 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX
<b>NETWORK</b>	
<b>Routing</b>	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing
<b>Network protocols</b>	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SFTP, FTP, SMTP, SSL/TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SNMP, MQTT, Wake On Lan (WOL)
<b>VoIP passthrough support</b>	H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets
<b>Connection monitoring</b>	Ping Reboot, Wget Reboot, Periodic Reboot, LCP and ICMP for link inspection
<b>Firewall</b>	Port forward, traffic rules, custom rules
<b>DHCP</b>	Static and dynamic IP allocation, DHCP Relay
<b>QoS / Smart Queue Management (SQM)</b>	Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e
<b>DDNS</b>	Supported >25 service providers, others can be configured manually
<b>Network backup</b>	WiFi WAN, Mobile, VRRP, Wired options, each of which can be used as an automatic Failover
<b>Load balancing</b>	Balance Internet traffic over multiple WAN connections
<b>SSHFS</b>	Possibility to mount remote file system via SSH protocol
<b>VPN</b>	
<b>OpenVPN</b>	Multiple clients and a server can run simultaneously, 27 encryption methods

<b>OpenVPN Encryption</b>	DES-CBC 64, RC2-CBC 128, DES-EDE-CBC 128, DES-EDE3-CBC 192, DESX-CBC 192, BF-CBC 128, RC2-40-CBC 40, CAST5-CBC 128, RC2-64-CBC 64, AES-128-CBC 128, AES-128-CFB 128, AES-128-CFB1 128, AES-128-CFB8 128, AES-128-OFB 128, AES-128-GCM 128, AES-192-CFB 192, AES-192-CFB1 192, AES-192-CFB8 192, AES-192-OFB 192, AES-192-CBC 192, AES-192-GCM 192, AES-256-GCM 256, AES-256-CFB 256, AES-256-CFB1 256, AES-256-CFB8 256, AES-256-OFB 256, AES-256-CBC 256
<b>IPsec</b>	IKEv1, IKEv2, with 14 encryption methods for IPsec (3DES, DES, AES128, AES192, AES256, AES128GCM8, AES192GCM8, AES256GCM8, AES128GCM12, AES192GCM12, AES256GCM12, AES128GCM16, AES192GCM16, AES256GCM16)
<b>GRE</b>	GRE tunnel, GRE tunnel over IPsec support
<b>PPTP, L2TP</b>	Client/Server instances can run simultaneously, L2TPv3, L2TP over IPsec support
<b>Stunnel</b>	Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's code
<b>DMVPN</b>	Method of building scalable IPsec VPNs
<b>SSTP</b>	SSTP client instance support
<b>ZeroTier</b>	ZeroTier VPN client support
<b>WireGuard</b>	WireGuard VPN client and server support
<b>Tinc</b>	Tinc offers encryption, authentication and compression in it's tunnels. Client and server support.
<b>SYSTEM</b>	
<b>CPU</b>	Mediatek, 580 MHz, MIPS 24Kc
<b>RAM</b>	128 MB, DDR2
<b>FLASH storage</b>	16 MB, SPI Flash
<b>POWER</b>	
<b>Connector</b>	4-pin industrial DC power socket
<b>Input voltage range</b>	9 - 30 VDC, reverse polarity protection; surge protection >31 VDC 10us max
<b>PoE (passive)</b>	Passive PoE over spare pairs. Possibility to power up through LAN port, not compatible with IEEE802.3af, 802.3at and 802.3bt standards, Mode B, LAN1 Port, 9 - 30 VDC
<b>Power consumption</b>	< 6.5 W Max
<b>PHYSICAL INTERFACES</b>	
<b>Ethernet</b>	2 x RJ45 ports, 10/100 Mbps
<b>I/O's</b>	1 x Digital Input, 1 x Digital Output on 4-pin power connector
<b>Status LEDs</b>	3 x Connection type status LEDs, 5 x Connection strength LEDs, 2 x LAN status LEDs, 1 x Power LED
<b>SIM</b>	1 x SIM slot (Mini SIM - 2FF), 1.8 V/3 V, external SIM holder
<b>Power</b>	1 x 4-pin power connector
<b>Antennas</b>	2 x SMA for LTE, 1 x RP-SMA for WiFi antenna connectors
<b>Reset</b>	Reboot/User default reset/Factory reset button
<b>PHYSICAL SPECIFICATION</b>	
<b>Casing material</b>	Aluminium housing, plastic panels
<b>Dimensions (W x H x D)</b>	83 x 25 x 74 mm
<b>Mounting options</b>	Bottom and sideways DIN rail mounting slots
<b>Operating temperature</b>	-40 °C to 75 °C

<b>Ingress Protection Rating</b>	IP30
<b>Operating humidity</b>	10% to 90% non-condensing
<b>REGULATORY &amp; TYPE APPROVALS</b>	
<b>Regulatory</b>	CE/RED, UKCA, CB
<b>EMI IMMUNITY</b>	
<b>IMMUNITY Standards</b>	EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 Final draft EN 301 489-52 V1.2.0 EN 55032:2015+A1:2020 EN 55035:2017+A11:2020 EN 61000-3-3:2013+A1:2019 EN IEC 61000-3-2:2019
<b>ESD</b>	EN 61000-4-2:2009
<b>RS</b>	EN 61000-4-3:2020
<b>EFT</b>	EN 61000-4-4:2012
<b>Surge immunity (AC Power Line)</b>	EN 61000-4-5:2014+A1:2017
<b>CS</b>	EN 61000-4-6:2014
<b>DIP</b>	EN IEC 61000-4-11:2020
<b>RF</b>	
<b>Standards</b>	EN 300 328 V2.2.2, EN 301 511 V12.5.1, EN 301 908-1 V13.1.1, EN 301 908-2 V13.1.1, EN 301 908-13 V13.1.1
<b>SAFETY</b>	
<b>Standards</b>	EN IEC 62311:2020, EN 50665:2017, EN IEC 62368-1:2020+A11:2020, IEC 62368-1:2018

Standard Package Contains :

- Router RUT241
- 9 W PSU
- 2 x LTE antennas (swivel, SMA male)
- 1 x WiFi antenna (swivel, RP-SMA male)
- Ethernet cable (1.5 m)
- SIM Adapter kit
- QSG (Quick Start Guide)
- Packaging box

[Download Datasheet](#)

\* Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat

**URL :** <https://www.citraweb.com/produk/1073/>

**Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email [sales@citraweb.com](mailto:sales@citraweb.com)**