

# RUT241 TELTONIKA INDUSTRIAL 4G eSIM ROUTER



**Kode** : RUT241-eSIM  
**Brand** : Teltonika  
**Jenis** : Router LTE  
**Harga** : Rp 3.456.000,00

Teltonika RUT241 dirancang untuk konektivitas IoT dan M2M. Dilengkapi dengan jaringan 4G LTE, Wi-Fi, dua port Ethernet, serta dukungan eSIM, router ini memastikan koneksi stabil dengan fitur failover otomatis.

**\*Spesifikasi perangkat dijual bisa berbeda dengan yang ditampilkan karena menyesuaikan dengan regulasi di Indonesia.**

Penawaran Harga Spesial

 08112039555

## Features :

- 4G/LTE (Cat 4), 3G, 2G
- Seamless connectivity with eSIM™ SGP.22
- Wireless Access Point with Hotspot functionality
- RMS for easy & convenient eSIM™ profile management



## Specification

<b>Model</b>	RUT241
<b>MOBILE</b>	
<b>Mobile module</b>	4G LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps; 2G up to 236.8 DL/236.8 UL kbps

<b>3GPP Release</b>	Release 10/11 depending on the hardware version
<b>eSIM*</b>	Consumer type eSIM, profile download and removal operations, up to 7 eSIM profiles; does not include data plans *Feature availability varies by order code
<b>SIM switch*</b>	1 x 2FF SIM and 1 x eSIM, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail *Feature availability varies by order code
<b>Status</b>	IMSI, ICCID, operator, operator state, data connection state, network type, bandwidth, connected band, signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, data sent/received, LAC, TAC, cell ID, ARFCN, UARFCN, EARFCN, MCC, and MNC
<b>SMS</b>	SMS status, SMS configuration, 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 block/allow list (by country or separate operators)
<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>SIM PIN code management</b>	SIM PIN code management enables setting, changing, or disabling the SIM card's PIN
<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>	802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA)
<b>WiFi security</b>	WPA2-Enterprise: PEAP, WPA2-PSK, WPA-EAP, WPA-PSK, WPA3-SAE, WPA3-EAP, OWE; AES-CCMP, TKIP, Auto-cipher modes, client separation, EAP-TLS with PKCS#12 certificates, disable auto-reconnect, 802.11w Protected Management Frames (PMF)
<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 Connectivity Features</b>	Wireless mesh (802.11s), fast roaming (802.11r), Relayd, BSS transition management (802.11v), radio resource measurement (802.11k)
<b>Wireless MAC filter</b>	Allowlist, blocklist
<b>Wireless QR code generator</b>	Once scanned, a user will automatically enter your network without needing to input login information
<b>TravelMate</b>	Forward Wi-Fi hotspot landing page to a subsequent connected device
<b>ETHERNET</b>	

<b>WAN</b>	1 x WAN port 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u, 802.3az 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), VXLAN
<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, TTL target customisation
<b>Firewall status page</b>	View all your Firewall statistics, rules, and rule counters
<b>Network topology</b>	Visual representation of your network, showing which devices are connected to which other devices
<b>Ports management</b>	View device ports, enable and disable each of them, turn auto-configuration on or off, change their transmission speed, and so on
<b>Hotspot</b>	Captive portal (hotspot), internal/external Radius server, Radius MAC authentication, SMS authorisation, SSO authentication, internal/external landing page, walled garden, user scripts, URL parameters, user groups, individual user or group limitations, user management, 9 default customisable themes and optionality to upload and download customised hotspot themes
<b>DHCP</b>	Static and dynamic IP allocation, DHCP relay, DHCP server configuration, status, static leases: MAC with wildcards
<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>DNS over HTTPS</b>	DNS over HTTPS proxy enables secure DNS resolution by routing DNS queries over HTTPS
<b>Network backup</b>	Wi-Fi 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>Traffic Management</b>	Real-time monitoring, wireless signal charts, traffic usage history
<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>	XFRM, 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, Phase 2 and Phase 3 and Dual Hub support
<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 24KEc
<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 LAN1 port, not compatible with IEEE802.3af, 802.3at and 802.3bt standards, Mode B, 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>	DIN rail, wall mount, flat surface (all require additional kit)
<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, UKCA, ANRT, Kenya, ICASA, FCC, IC, PTCRB, NOM, RCM, KC, Giteki, IMDA, E-mark, CB, UL/CSA Safety, RoHS, REACH, R118
<b>Operator</b>	AT&T, Verizon, T-Mobile, Uscellular
<b>EMC EMISSIONS &amp; IMMUNITY</b>	
<b>Standards</b>	EN 55032:2015 + A11:2020 EN 55035:2017 + A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013 + A1:2019 EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 Final Draft EN 301 489-52 V1.2.0
<b>ESD</b>	EN 61000-4-2:2009
<b>Radiated Immunity</b>	EN 61000-4-3:2020
<b>EFT</b>	EN 61000-4-4:2012
<b>Surge Immunity (AC Mains Power Port)</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

RF	
<b>Standards</b>	EN 300 328 V2.2.2 EN 301 511 V12.5.1 EN 301 908-1 V15.2.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.2.1
SAFETY	
<b>Standards</b>	<b>CE:</b> EN IEC 62368-1:2020 + A11:2020, EN IEC 62311:2020, EN 50665:2017 <b>RCM:</b> AS/NZS 62368.1:2022 <b>CB:</b> IEC 62368-1:2018 <b>UL/CSA Safety:</b> UL 62368-1, Ed. 3 dated December 13, 20, CAN/CSA C22.2 No. 62368-1:19

Standard Package Contains :

- Router RUT241
- 9 W PSU
- 2x Mobile antennas (swivel, SMA male)
- 1x Wi-Fi 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/1387/>

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