

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

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| Model | RUT241 |
| MOBILE | |
| Mobile module | 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 |

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| 3GPP Release | Release 10/11 depending on the hardware version |
| eSIM* | Consumer type eSIM, profile download and removal operations, up to 7 eSIM profiles; does not include data plans *Feature availability varies by order code |
| SIM switch* | 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 |
| Status | 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 |
| SMS | SMS status, SMS configuration, EMAIL to SMS, SMS to EMAIL, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP |
| USSD | Supports sending and reading Unstructured Supplementary Service Data messages |
| Black/White list | Operator block/allow list (by country or separate operators) |
| Multiple PDN | Possibility to use different PDNs for multiple network access and services |
| Band management | Band lock, Used band status display |
| SIM PIN code management | SIM PIN code management enables setting, changing, or disabling the SIM card's PIN |
| APN | Auto APN |
| Bridge | Direct connection (bridge) between mobile ISP and device on LAN |
| Passthrough | Router assigns its mobile WAN IP address to another device on LAN |
| WIRELESS | |
| Wireless mode | 802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA) |
| WiFi security | 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) |
| SSID/ESSID | SSID stealth mode and access control based on MAC address |
| WiFi users | Up to 50 simultaneous connections |
| Wireless Connectivity Features | Wireless mesh (802.11s), fast roaming (802.11r), Relayd, BSS transition management (802.11v), radio resource measurement (802.11k) |
| Wireless MAC filter | Allowlist, blocklist |
| Wireless QR code generator | Once scanned, a user will automatically enter your network without needing to input login information |
| TravelMate | Forward Wi-Fi hotspot landing page to a subsequent connected device |
| ETHERNET | |

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| WAN | 1 x WAN port 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX |
| LAN | 1 x LAN port, 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX |
| NETWORK | |
| Routing | Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing |
| Network protocols | 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 |
| VoIP passthrough support | H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets |
| Connection monitoring | Ping Reboot, Wget Reboot, Periodic Reboot, LCP and ICMP for link inspection |
| Firewall | Port forward, traffic rules, custom rules, TTL target customisation |
| Firewall status page | View all your Firewall statistics, rules, and rule counters |
| Network topology | Visual representation of your network, showing which devices are connected to which other devices |
| Ports management | View device ports, enable and disable each of them, turn auto-configuration on or off, change their transmission speed, and so on |
| Hotspot | 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 |
| DHCP | Static and dynamic IP allocation, DHCP relay, DHCP server configuration, status, static leases: MAC with wildcards |
| QoS / Smart Queue Management (SQM) | Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e |
| DDNS | Supported >25 service providers, others can be configured manually |
| DNS over HTTPS | DNS over HTTPS proxy enables secure DNS resolution by routing DNS queries over HTTPS |
| Network backup | Wi-Fi WAN, Mobile, VRRP, Wired options, each of which can be used as an automatic Failover |
| Load balancing | Balance Internet traffic over multiple WAN connections |
| SSHFS | Possibility to mount remote file system via SSH protocol |
| Traffic Management | Real-time monitoring, wireless signal charts, traffic usage history |
| VPN | |
| OpenVPN | Multiple clients and a server can run simultaneously, 27 encryption methods |

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| OpenVPN Encryption | 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 |
| IPsec | XFRM, IKEv1, IKEv2, with 14 encryption methods for IPsec (3DES, DES, AES128, AES192, AES256, AES128GCM8, AES192GCM8, AES256GCM8, AES128GCM12, AES192GCM12, AES256GCM12, AES128GCM16, AES192GCM16, AES256GCM16) |
| GRE | GRE tunnel, GRE tunnel over IPsec support |
| PPTP, L2TP | Client/Server instances can run simultaneously, L2TPv3, L2TP over IPsec support |
| Stunnel | Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's code |
| DMVPN | Method of building scalable IPsec VPNs, Phase 2 and Phase 3 and Dual Hub support |
| SSTP | SSTP client instance support |
| ZeroTier | ZeroTier VPN client support |
| WireGuard | WireGuard VPN client and server support |
| Tinc | Tinc offers encryption, authentication and compression in it's tunnels. Client and server support. |
| SYSTEM | |
| CPU | Mediatek, 580 MHz, MIPS 24KEc |
| RAM | 128 MB, DDR2 |
| FLASH storage | 16 MB, SPI Flash |
| POWER | |
| Connector | 4-pin industrial DC power socket |
| Input voltage range | 9 - 30 VDC, reverse polarity protection; surge protection >31 VDC 10us max |
| PoE (passive) | 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 |
| Power consumption | < 6.5 W Max |
| PHYSICAL INTERFACES | |
| Ethernet | 2 x RJ45 ports, 10/100 Mbps |
| I/O's | 1 x Digital Input, 1 x Digital Output on 4-pin power connector |
| Status LEDs | 3 x Connection type status LEDs, 5 x Connection strength LEDs, 2 x LAN status LEDs, 1 x Power LED |

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| SIM | 1 x SIM slot (Mini SIM - 2FF), 1.8 V/3 V, external SIM holder |
| Power | 1 x 4-pin power connector |
| Antennas | 2 x SMA for LTE, 1 x RP-SMA for WiFi antenna connectors |
| Reset | Reboot/User default reset/Factory reset button |
| PHYSICAL SPECIFICATION | |
| Casing material | Aluminium housing, plastic panels |
| Dimensions (W x H x D) | 83 x 25 x 74 mm |
| Mounting options | DIN rail, wall mount, flat surface (all require additional kit) |
| Operating temperature | -40 °C to 75 °C |
| Ingress Protection Rating | IP30 |
| Operating humidity | 10% to 90% non-condensing |
| REGULATORY & TYPE APPROVALS | |
| Regulatory | CE, UKCA, ANRT, Kenya, ICASA, FCC, IC, PTCRB, NOM, RCM, KC, Giteki, IMDA, E-mark, CB, UL/CSA Safety, RoHS, REACH, R118 |
| Operator | AT&T, Verizon, T-Mobile, Uscellular |
| EMC EMISSIONS & IMMUNITY | |
| Standards | 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 |
| ESD | EN 61000-4-2:2009 |
| Radiated Immunity | EN 61000-4-3:2020 |
| EFT | EN 61000-4-4:2012 |
| Surge Immunity (AC Mains Power Port) | EN 61000-4-5:2014+A1:2017 |
| CS | EN 61000-4-6:2014 |
| DIP | EN IEC 61000-4-11:2020 |

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| RF | |
| Standards | 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 | |
| Standards | CE: EN IEC 62368-1:2020 + A11:2020, EN IEC 62311:2020, EN 50665:2017 RCM: AS/NZS 62368.1:2022 CB: IEC 62368-1:2018 UL/CSA Safety: 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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