

# RUTX11 TELTONIKA LTE Gigabit Router Wi-Fi



**Kode** : RUTX11

**Brand** : Teltonika

**Jenis** : Router LTE

**Harga** : Rp 6.031.000,00

This powerful LTE Cat 6 cellular industrial router is designed for professional applications requiring reliable, fast connection and high data throughput. It is equipped with four Gigabit Ethernet ports, AC Wi-Fi, Bluetooth LE, and comes with remote management capabilities of RMS.

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

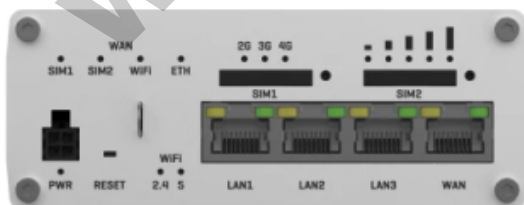
Penawaran Harga Spesial

08112039555

## Features :

- 4G/LTE Cat 6 Cellular speeds up to 300Mbps with Carrier Aggregation
- Dual Sim with auto failover, backup WAN and other switching scenarios
- 4 x Gigabit Ethernet ports with up to 128 port/tag-based VLANs supported
- (Wi-Fi & BT) Wave-2 802.11ac Dual Band Wi-Fi and Bluetooth LE

**DUAL SIM (Auto Switch)** : 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail.



## Specification

|                                       |  |
|---------------------------------------|--|
| <b>Model</b>                          | RUTX11   |
| <b>MOBILE</b>                         |  |
| <b>Mobile module</b>                  | 4G (LTE) - Cat 6 up to 300 Mbps, 3G - Up to 42 Mbps  |
| <b>SIM switch</b>                     | 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail, SIM idle protection   |
| <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>                  | 802.11b/g/n/ac Wave 2 (WiFi 5) with data transmission rates up to 867 Mbps (Dual Band, MU-MIMO), 802.11r fast transition, 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>                     | ESSID stealth mode   |
| <b>WiFi users</b>                     | up to 150 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> | Wireless mesh (802.11s), fast roaming (802.11r), Relayd  |
| <b>BLUETOOTH</b>                      |  |
| <b>Bluetooth 4.0</b>                  | Bluetooth low energy (LE) for short range communication  |

| ETHERNET                                  |   |
|---|---|
| <b>WAN</b>                                | 1 x WAN port 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover   |
| <b>LAN</b>                                | 3 x LAN ports, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover   |
| NETWORK                                   |   |
| <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  |
| VPN                                       |   |
| <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>                 | Quad-core ARM Cortex A7, 717 MHz  |
| <b>RAM</b>                 | 256 MB, DDR3  |
| <b>FLASH storage</b>       | 256 MB, SPI Flash   |
| <b>POWER</b>               |   |
| <b>Connector</b>           | 4-pin industrial DC power socket  |
| <b>Input voltage range</b> | 9 - 50 VDC, reverse polarity protection, voltage surge/transient protection   |
| <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>   | 16 W Max  |
| <b>PHYSICAL INTERFACES</b> |   |
| <b>Ethernet</b>            | 4 x RJ45 ports, 10/100/1000 Mbps  |
| <b>I/O's</b>               | 1 x Digital Input, 1 x Digital Output on 4-pin power connector  |
| <b>Status LEDs</b>         | 4 x WAN type LEDs, 2 x Mobile connection type, 5 x Mobile connection strength, 8 x LAN status, 1 x Power, 2 x 2.4G and 5G WiFi  |
| <b>SIM</b>                 | 2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holders   |
| <b>Power</b>               | 1 x 4-pin power connector   |
| <b>Antennas</b>            | 2 x SMA for LTE, 2 x RP-SMA for WiFi, 1 x RP-SMA for Bluetooth, 1 x SMA for GNSS  |
| <b>USB</b>                 | 1 x USB A port for external devices   |
| <b>RS232</b>               | 1 x DB9 socket  |
| <b>RS485</b>               | 1 x 6-pin industrial socket   |
| <b>Reset</b>               | Reboot/User default reset/Factory reset button  |
| <b>Other</b>               | 1 x Grounding screw   |

| PHYSICAL SPECIFICATION    |                                  |
|---------------------------|----------------------------------|
| Casing material           | Aluminium housing                |
| Dimensions (W x H x D)    | 115 x 44.2 x 95.1 mm             |
| Mounting options          | DIN rail, flat surface placement |
| Operating temperature     | -40 °C to 75 °C                  |
| Ingress Protection Rating | IP30                             |
| Operating humidity        | 10% to 90% non-condensing        |

Standard Package Contains :

- Router RUTX11
- 18 W PSU
- 2 x LTE antennas (swivel, SMA male)
- 2 x WiFi antennas (swivel, RP-SMA male)
- 1 x GNSS antenna (adhesive, SMA male, 3 m cable)
- 1 x Bluetooth antenna (magnetic mount, RP-SMA male, 1.5 m cable)
- 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/1059/>

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