

# RUT261

## CAT 6 LTE ROUTER



RUT261 360° VIEW

RUT261 is a compact, cost-effective cellular LTE router designed to deliver fast and stable connectivity with 4G Cat 6, enabling optimal throughput for everyday operational needs. Its space-efficient housing integrates easily into tight or embedded installations, making it ideal for constrained environments. With dual Ethernet ports, the RUT261 covers essential LAN and WAN connectivity, ensuring reliable wired networking where needed. Focused on core functionality, it provides the essential features required for industrial deployments without added complexity or unnecessary costs, making RUT261 a practical and affordable choice for streamlined connectivity.



### COST EFFECTIVE 4G CAT 6

Optimize daily operations with low price LTE Cat 6 speeds

### COMPACT FORM FACTOR

Integrates into tight or embedded setups with its compact housing

### DUAL ETHERNET

Covers essential LAN and WAN connectivity

### ZERO TOUCH DEPLOYMENT

Manage devices, perform maintenance, enable VPN access, and gather data through RMS



# RMS COMPATIBLE WITH RUT261

REMOTE  
MANAGEMENT  
SYSTEM

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

# KEY FEATURES

## HARDWARE

|                        |   |
|------------------------|---|
| Mobile                 | 4G LTE Cat 6 up to 300 DL/ 50 UL Mbps; 3G up to 42 DL/ 5.76 UL Mbps   |
| CPU                    | Mediatek, 580 MHz, MIPS 24KEc   |
| RAM                    | 128MB, DDR2   |
| Storage                | 32MB, NOR Flash   |
| Powering options       | 4-pin industrial DC power socket, 9 - 30 VDC  |
| SIM                    | 1 x SIM slot (Mini SIM - 2FF), 1.8 V/3 V, external SIM holder   |
| Antenna connectors     | 2 x SMA for Mobile, 1 x RP-SMA for Wi-Fi  |
| Ethernet               | 2 x RJ45 ports, 10/100 Mbps: 1 x WAN (configurable as LAN), 1 x LAN   |
| Wi-Fi                  | 802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA)   |
| Inputs/Outputs         | 1 x Digital Input, 0 - 6 V detected as logic low, 8 - 30 V detected as logic high, 1 x Digital Output, Open collector output, max output 30 V, 300 mA |
| Status LEDs            | 2 x Connection type status, 5 x Mobile connection strength, 1 x LAN status, 1 x WAN status, 1 x Power   |
| Operating temperature  | -40 °C to 75 °C   |
| Housing                | Anodised aluminium housing and panels   |
| Dimensions (W x H x D) | 83 x 25 x 74 mm   |
| Weight                 | 132 g   |

## SOFTWARE

|                           |  |
|---------------------------|--|
| Operating system          | RutOS (OpenWrt based Linux OS)   |
| Mobile features           | Status, SMS, USSD, Block/Allow list, Multiple PDN, Band management, SIM idle protection service, SIM PIN code management, APN, Bridge, Passthrough   |
| Wireless features         | Wi-Fi security, SSID/ESSID, Wi-Fi users, Wireless Connectivity Features, Wireless MAC filter, Wireless QR code generator, TravelMate   |
| Network features          | Routing, Network protocols, VoIP passthrough support, Connection monitoring, Firewall, Firewall status page, Port management, Network topology, DHCP, QoS / Smart Queue Management (SQM), DNS over HTTPS, DDNS, Network backup, Load balancing, Hotspot, Hotspot 2.0, SSHFS, VRF support, Traffic Management, IGMP Proxy |
| Security                  | Authentication, Firewall, Attack prevention, VLAN, Mobile quota control, WEB filter, Access control, Certificate Manager, 802.1x   |
| VPN and tunneling         | OpenVPN, OpenVPN Encryption, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, EoIP, OpenConnect  |
| Monitoring and Management | WEB UI, FOTA, SSH, SMS, Call, Email, TR-069, MQTT, SNMP, JSON-RPC, RMS   |
| Cloud solutions           | RMS, ThingWorx, Cumulocity - Cloud of Things, Azure IoT Hub, AWS IoT Core  |
| Services                  | BacNET, OPC UA, Modbus, Data to Server, Modbus MQTT GATEWAY, DNP3, DLMS/COSEM, API   |

### FRONT VIEW

### BACK VIEW

