

# RUT951 PoE+



RUT951 PoE+ 360° VIEW

## INDUSTRIAL POE+ CELLULAR ROUTER

Building on the success of our bestseller 4G router, this enhanced version now features versatile Power over Ethernet (PoE+) capability. This robust router boasts dual SIM and eSIM, reliable Wi-Fi, and four PoE+ Ethernet ports. Powered by RutOS and designed for diverse IoT deployments, the RUT951 PoE+ ensures seamless data transmission and simplifies power management for your connected IoT solutions.



### CONNECTIVITY

4G LTE (Cat 4), 3G, 2G

### DUAL SIM & eSIM

With auto failover, backup WAN and other switching scenarios

### PoE+

Total power budget of 90W

### WI-FI

Wireless Access Point with Hotspot functionality



## RMS

## REMOTE MANAGEMENT SYSTEM

# COMPATIBLE WITH RUT951 PoE+

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

# KEY FEATURES

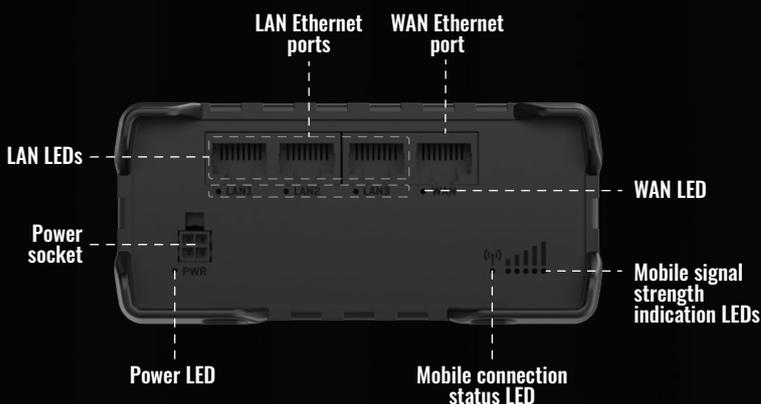
## HARDWARE

|                        |  |
|------------------------|--|
| Mobile                 | 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           |
| CPU                    | Mediatek, 580 MHz, MIPS 24KEc  |
| RAM                    | 128 MB, DDR2   |
| Storage                | 16 MB, SPI Flash   |
| Powering options       | 4-pin industrial DC power socket, 9 – 57 VDC, reverse polarity protection, surge protection >58 VDC 10us max |
| SIM                    | 2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holders  |
| eSIM™                  | Consumer type eSIM™, profile download and removal operations, up to 7 eSIM™ profiles                         |
| Antenna connectors     | 2 x SMA for LTE, 2 x RP-SMA for Wi-Fi antenna connectors   |
| Ethernet               | 4 x RJ45 ports, 10/100 Mbps: 1 x WAN (configurable as LAN), 3 x LAN  |
| Wi-Fi                  | 802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA)  |
| PoE In                 | PoE In port 1 (LAN1); 802.3af/at compliant PD port   |
| PoE Out                | PoE Out ports 2 – 4 (LAN 2, LAN3, WAN); 802.3af/at; 30 W max per port; 90 W total                            |
| Status LEDs            | 1 x Bi-color connection status, 5 x Mobile connection strength, 4 x ETH status, 1 x Power                    |
| Operating temperature  | -40 °C to 75 °C  |
| Housing                | Aluminum housing, plastic panels   |
| Dimensions (W x H x D) | 110 x 50 x 100 mm  |
| Weight                 | 287 g  |

## SOFTWARE

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

### FRONT VIEW



### BACK VIEW

