

# RUT241

## INDUSTRIAL CELLULAR ROUTER



RUT241 360° VIEW

// RUT241 is the modified version of our all-time bestseller RUT240 that inherited its' best features, including industrial design, compact size, multiple connection interfaces, and compatibility with RMS.

// Equipped with 4G LTE, Wi-Fi, and two Ethernet ports, this router offers unstoppable connection continuity with a backup through automatic failover.

// Digital Inputs and Outputs coupled with advanced RutOS software enable solution automation scenarios.

// RUT241 is an excellent fit in various IoT and M2M solutions that require easy setup, reliable network, and remote accessibility.



### CONNECTIVITY

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

### WI-FI

Wireless Access Point with Hotspot functionality

### WAN FAILOVER

Automatic switching to available Backup connection

### RMS

For remote management, access & VPN services



# RMS COMPATIBLE WITH RUT241

REMOTE  
MANAGEMENT  
SYSTEM

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

# KEY FEATURES

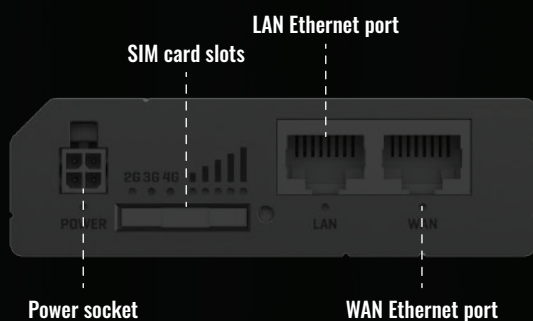
## HARDWARE

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| Mobile                 | 4G/LTE (Cat 4), 3G, 2G                                               |
| CPU                    | Mediatek, 580 MHz, MIPS 24KEc                                        |
| Storage                | 16 MB Flash                                                          |
| Memory                 | 128 MB RAM                                                           |
| Powering option        | 4pin power socket, 9-30 VDC                                          |
| SIM                    | 1 x External SIM holder (2FF)                                        |
| Antenna connectors     | 2 x SMA for mobile, 1 x RP-SMA for WiFi                              |
| Ethernet               | 2 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 1 x LAN    |
| WiFi                   | IEEE 802.11b/g/n, Access point (AP), Station (STA)                   |
| Inputs/Outputs         | On 4pin socket: 1 x Digital input, 1 x Digital open collector output |
| Status LEDs            | 3 x Connection type, 5 x Signal strength, 2 x Ethernet, 1 x Power    |
| Operating temperature  | -40 °C to 75 °C                                                      |
| Housing                | Aluminium housing with DIN rail mounting option, plastic panels      |
| Dimensions (W x H x D) | 83 x 25 x 74 mm                                                      |
| Weight                 | 125 g                                                                |

## SOFTWARE

|                           |                                                                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system          | RutOS (OpenWrt based Linux OS)                                                                                                                                            |
| Mobile features           | Auto APN, Band lock                                                                                                                                                       |
| Network protocols         | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet                                                               |
| Network                   | Failover (Network backup), VLAN, QoS, Load Balancing                                                                                                                      |
| Security                  | DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), Port scan prevention (SYN-FIN, SYN-RST, X-mas, NULL flags, FIN scan attacks) |
| VPN and tunneling         | OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard                                                                                                |
| Monitoring and Management | WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS                                                                                                    |
| Connection monitoring     | Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection                                                                                               |
| Cloud solutions           | RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx                                                                                                          |
| SMS features              | 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                   |
| Services                  | DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Traffic Logging                                                                                                          |

### FRONT VIEW



### BACK VIEW

