

# RUT900

## 3G INDUSTRIAL CELLULAR ROUTER

This router is equipped with Dual-SIM, 4 x Ethernet interfaces and WiFi. RUT900 is a robust and powerful device tailored for Industrial M2M/IoT applications where no high data throughput is needed. RUT900 comes with core RutOS software and security features such as OpenVPN, IPsec, Firewall, Auto Failover, SMS control and RMS support.



Worldwide 3G network coverage



Dual SIM – significantly reduce roaming costs



Automatic switch to available backup connection



4x Ethernet ports with VLAN functionality



Wireless Access Point with Hotspot functionality



Teltonika Remote Management System compatible



### RELIABLE

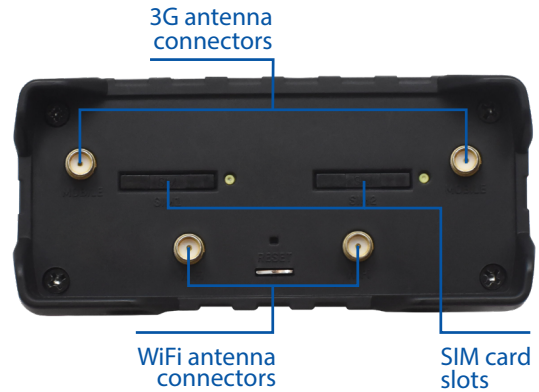
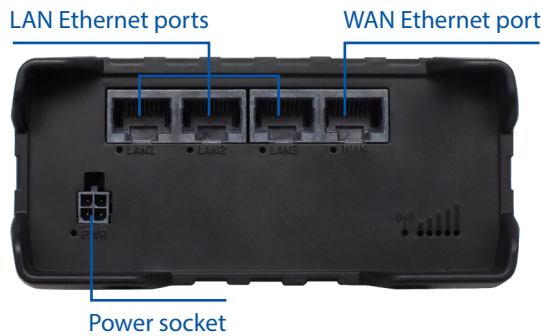
- Automatic SIM switch
- Self-diagnosing
- 3 alternative Internet sources

### RUGGED

- Durable aluminium housing
- Operating temperature range (-40 °C to 75 °C)
- Multiple mounting options

### SECURE

- Multiple VPN options
- Embedded Firewall
- Various encryption protocols supported



### Hardware

|                       |  |
|-----------------------|--|
| Mobile                | 3G HSPA+ Up to 14.4 Mbps; UMTS; EDGE; GPRS; CSD  |
| CPU                   | Atheros Wasp, MIPS 74Kc, 550 MHz   |
| Memory                | 16 MB Flash, 128 MB DDR2 RAM   |
| Ethernet              | 4 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 3 x LAN ports  |
| Power supply          | 9 – 30 VDC, 4 pin DC connector   |
| PoE (passive)         | Passive PoE over spare pairs. Possibility to power up through LAN port, <b>not compatible</b> with IEEE802.3af and 802.3at standards |
| Inputs/Outputs        | 1 x Digital Input, 1 x Digital Open Collector Output on power connector  |
| Connectors            | 1 x 4 pin DC, 4 x Ethernet, 2 x Mobile SMA, 2 x WiFi RP-SMA  |
| SIM                   | 2 x external SIM holders   |
| Status LEDs           | 1 x bi-color connection status, 5 x connection strength, 4 x LAN status, 1 x Power   |
| Operating temperature | -40 °C to 75 °C  |
| Housing               | Aluminium housing, plastic panels  |
| Dimensions            | 100 mm x 110 mm x 50 mm  |
| Weight                | 256 g  |

### Software

|                            |  |
|----------------------------|--|
| Operating system           | RutOS (OpenWrt based Linux OS)   |
| SIM switch                 | 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail          |
| Multiple PDN               | Possibility to use different PDNs for multiple network access and services   |
| Network protocols          | TCP, UDP, IPv4, IPv6, ICMP, NTP, DHCP, DNS, HTTP, HTTPS, SSL v3, TLS, ARP, PPPoE, UPNP, SSH, Telnet, SNMP                              |
| Networking features        | NAT, Static/Dynamic routing, Firewall, OpenVPN, IPsec, H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets |
| Unique networking features | VLAN, Load balancing, Mobile quota control, WEB Filter, Load Balancing, Network Backup, Auto Failover                                  |
| Connection monitoring      | Ping Reboot, Periodic Reboot, Wget Reboot, LCP and ICMP for link inspection  |
| Authentication             | Pre-shared key, digital certificates, X.509 certificates   |
| Keep settings              | Update FW without losing current configuration   |
| Monitoring & Management    | WEB UI, SSH, SMS, SNMP, JSON-RPC, FOTA, RMS  |
| Supported languages        | Busybox shell, Lua, C, C++   |
| Development tools          | SDK package with build environment provided  |



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [RF Modules](#) category:*

*Click to view products by [Teltonika](#) manufacturer:*

Other Similar products are found below :

[HMC-C009](#) [HMC-C011](#) [nRF24L01P-MODULE-PCB](#) [HMC-C021](#) [HMC-C024](#) [XB9XT-DPRS-721](#) [XBP9B-DMUTB022](#) [nRF24L01P-MODULE-SMA](#) [CMD-KEY2-418-CRE](#) [XM-C92-2P-UA](#) [XB9XT-DPUS-721](#) [V640-A90](#) [HMC-C583](#) [MAAM-008818-TR3000](#) [MTSMC-H5-U](#) [SIMSA868-PRO](#) [SIMSA915C-PRO](#) [SIMSA868C-PRO](#) [SIMSA433C-PRO](#) [SIMSA915-PRO](#) [XBP9B-DMUT-042](#) [HMC-C582](#) [HMC-C022](#) [XBP9B-DPST-041](#) [XBP9B-DMWT-042](#) [SM-MN-00-HF-RC](#) [HMC-C031](#) [MT-02](#) [M1002GB](#) [702-W](#) [SIMSA868C-N-PRO](#) [SIMSA433C-N-PRO](#) [SIMSA915C-N-PRO](#) [ADP-R202-00B](#) [PEPPER WIRELESS C1 USB](#) [S2-10732-Z1T61](#) [S2-107XB-Z2356-Z2352](#) [S2-10672-Z1L85](#) [S2-10686-Z1L1D](#) [S2-10688-Z1L1T](#) [S2-106BA-Z1P20](#) [S2-1060C-Z1F0A](#) [S2-106R4-Z1Q6F-Z1Q6Q](#) [S2-106R4-Z1Q6J-Z1Q6Q](#) [S2-106RB-Z1Q6V-Z1Q6Q](#) [S2-107DR-Z1Y5B](#) [SU60-2230C-PU](#) [RC-TFSK3-868](#) [NANO RFID POE](#) [650201424G](#)