

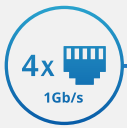
RUTX09

NEXT GENERATION LTE CAT6 INDUSTRIAL CELLULAR ROUTER

This powerful LTE router is designed as Main/Backup Internet source where steady connection and high data throughput is required. Equipped with Dual-SIM and 4 x Gigabit Ethernet ports. RUTX09 has all advanced RutOS software and security features.



LTE Cat 6 with speeds up to 300Mbps



Gigabit Ethernet with speeds up to 1000Mbps



Dual-SIM with auto Failover. Backup WAN and other SW features



Teltonika Remote Management System compatible



Multiple secure VPN services



Easy to use, secure and feature rich OpenWrt based Operating System

RELIABLE

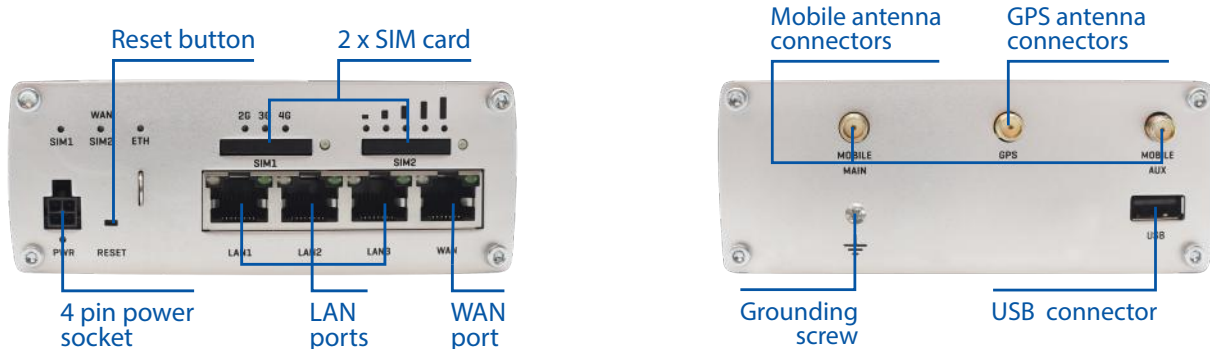
- Stable 24/7 operation
- Connection watchdog
- 3 alternative internet sources

ROBUST

- Durable aluminium housing
- Wide voltage range (9-50 V)
- External temperature range (-40 +75 °C)

SECURE

- Multiple VPN options
- Advanced firewall functionality
- Various encryption protocols supported



Hardware

| | |
|-----------------------|---|
| Mobile | 4G (LTE) – Cat 6 DL up to 300 Mbps, UL up to 50Mbps; DC-HSDPA; HSUPA; WCDMA |
| CPU | Quad Core ARM Cortex A7 717 MHz CPU |
| Memory | 256 MBytes Flash, 256 MBytes DDR3 RAM |
| Ethernet | 4 x 1Gbit Ethernet ports: 1 x WAN (configurable as LAN), 3 X LAN ports |
| Power supply | 9 - 50 VDC, 4 pin DC connector |
| Connectors | 1 x 4 pin DC, 4 x Ethernet, 2 x Mobile SMA, 1 x GPS SMA |
| SIM | 2 x external SIM holders |
| Status LEDs | 1x Power, 2x SIM, 3x Mobile network type, 5x Signal Strength |
| Operating temperature | -40 °C to 75 °C |
| Housing | Full aluminium with grounding terminal |
| Dimensions | 115 mm x 95 mm x 44 mm |
| Weight | 456 g |

Software

| | |
|----------------------------|--|
| Operating system | RutOS (OpenWrt based Linux OS) |
| SIM switch | 2 SIM cards, auto-switch cases: data 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, SMTP, SSL v3, TLS, ARP, PPPoE, UPNP, SSH, Telnet |
| Networking features | NAT, Static/Dynamic routing, Firewall, OpenVPN, IPSec, H.232 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets |
| Unique networking features | VLAN, Mobile quota control, WEB Filter, Load Balancing, Network Backup, Auto Failover |
| Connection monitoring | Ping Reboot, Periodic Reboot, LCP and ICMP for link inspection |
| Authetication | Pre-shared key, digital certificates, X.509 certificates |
| Keep settings | Update FW without loosing 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 |