

# RUTXR1

ENTERPRISE RACK-MOUNTABLE SFP/LTE ROUTER



RUTXR1 360° VIEW



## GIGABIT ETH

5 x Gigabit Ethernet ports

## DUAL SIM

With auto failover, backup WAN and other switching scenarios

## SFP

SFP port for long-range Fiber-optic communication

## RMS

Compatible with Teltonika Remote Management System

## WIFI

Wave-2 802.11ac Dual Band WIFI

## 4G LTE CAT 6

Cellular speeds up to 300Mbps with Carrier Aggregation

### RUTXR1

## PRODUCT DESCRIPTION

// RUTXR1 is our first-ever rack-mounted LTE Cat6 router with redundant power supplies and WAN interfaces, which can be conveniently placed in a server cabinet. It is equipped with dual SIM, USB, and Wave-2 802.11ac Dual Band WIFI. But what makes this product stand out from the rest of Teltonika Networks products are the SFP WAN and dedicated console ports. The unique feature set of this product allows using it as a primary product in a small or home office with LTE backup capabilities, powerful WiFi, and no need for an additional SFP to Ethernet converter.

// This feature-rich device is powered by RutOS and is a perfect choice, where a speedy and ultra-reliable connection is required (e.g. enterprise environment).



## FRONT VIEW

## BACK VIEW





# KEY FEATURES

## 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 MB SPI Flash, 256 MB of DDR3 RAM  |
| Ethernet              | 4 x LAN ports 10/100/1000 Mbps, 1 x WAN port (can be used as LAN) 10/100/1000 Mbps  |
| SFP                   | 1 x SFP port for Optical interface  |
| WiFi                  | 802.11ac (WiFi 5) with data transmission rates up to 867 Mbps (Dual Band, MU-MIMO)  |
| Power supply          | Dual 9 - 50 VDC, 4 pin DC connectors  |
| Connectors            | 2 x 4 pin DC, 5 x Ethernet, 1 x SFP, 2 x SMA for LTE, 2 x RP-SMA for WiFi, 1 x RJ45 console, 1 x USB, Grounding terminal                        |
| SIM                   | 2 x external SIM holders  |
| Status LEDs           | 2 x Power, 2 x SIM status, 2 x Mobile connection type, 3 x Mobile connection signal strength LEDs, 2 x WAN connection type, 4 x Ethernet status |
| Operating temperature | -40 °C to 75 °C   |
| Housing               | Full aluminium Rack Unit housing, 1U height   |
| Dimensions            | 272 mm x 123 mm x 43.66 mm  |

## SOFTWARE

|                            |  |
|----------------------------|--|
| Operating system           | RutOS (OpenWrt based Linux OS)   |
| SIM switch                 | 2 SIM cards, auto-switch cases: data limit, 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   |
| Authentication             | Pre-shared key, digital certificates, X.509 certificates   |
| Keep settings              | Update FW without losing current configuration   |
| Connection monitoring      | WEB UI, SSH, SMS, SNMP, JSON-RPC, FOTA, RMS  |
| Authentication             | Busybox shell, Lua, C, C++   |
| Keep settings              | SDK package with build environment provided  |

## RMS

**RMS** | REMOTE MANAGEMENT SYSTEM  
**COMPATIBLE WITH RUTXR1**  
 MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

## SOCIAL

