



RUTXR1

ENTERPRISE RACK-MOUNTABLE SFP/LTE ROUTER



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

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
Authetication	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
Authetication	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



For More Information, please contact

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