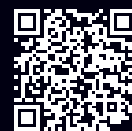**TELTONIKA**

RUTXR1

ENTERPRISE RACK-MOUNTABLE SFP/LTE ROUTER

RUTXR1 360° VIEW

The first rack-mountable LTE Cat 6 router in the Teltonika Networks portfolio comes with redundant power supplies, WAN failover, dual-SIM, SFP, USB, and dedicated console ports. This feature-rich device with highly customizable and powerful RutOS is perfect where a fast and ultra-reliable connection is needed.
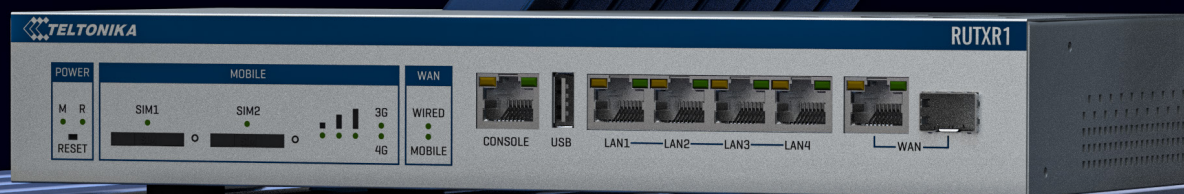
4G LTE CAT 6
Cellular speeds up to 300Mbps with Carrier Aggregation

SFP
SFP port for long-range Fiber-optic communication

WI-FI
Wave-2 802.11ac Dual Band WI-FI

DUAL POWER
Dual Power supply compatibility ensures uninterrupted service

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUTXR1

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

Mobile	4G LTE Cat 6 up to 300 DL/ 50 UL Mbps; 3G up to 42 DL/ 5.76 UL Mbps, DC-HSDPA; HSUPA
CPU	Quad Core ARM Cortex A7 717 MHz
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 steel housing
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, TACACS+, Radius, IP & Login attempts block
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

FRONT VIEW ——————————————— BACK VIEW

FRONT VIEW labels: Reset button, SIM card slots, Mobile signal strength LEDs, WAN type LEDs, Console, USB port, LAN Ethernet ports, WAN Ethernet port, Main power LED, Reset button, Mobile network type LEDs, WAN SFP port

RUTXR1 — POWER (M, R, RESET), MOBILE (SIM1, SIM2), 3G/4G, WAN (WIRED, MOBILE), CONSOLE, USB, LAN1, LAN2, LAN3, LAN4, WAN

BACK VIEW labels: Grounding screw, Main power connector, Reserve power connector, WiFi antenna connectors, WiFi antenna connectors, Mobile MAIN antenna connector, Mobile AUX antenna connector, Security slot — POWER (M, R), WiFi, WiFi, MOBILE MAIN, MOBILE AUX