RUT361

INDUSTRIAL CELLULAR ROUTER

RUT361 360° VIEW

The RUT361 is a robust cellular router with speeds of up to 300 Mbps with carrier aggregation, vital for IoT solutions demanding uninterrupted networks in challenging environments. Remote monitoring, advanced security features, and WAN failover make this LTE Cat 6 router feature-rich, and two Wi-Fi antennas ensure greater device applicability in diverse M2M applications.

TELTONIKA | Networks

Made in Lithuania
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RUT361

(9-30 VDC) + | + (GND)
I/O | I/O

Default IP: 192.168.1.1

4G LTE CAT 6
Cellular speeds of up to 300Mbps with carrier aggregation

WI-FI
802.11 b/g/n wireless access point with hotspot functionality

WAN FAILOVER
Automatic switching to available backup connection

RMS
For remote management, access & VPN services

WIRELESS
WiFi   WiFi   RESET

MOBILE
MAIN   AUX

PWR   3G 4G   LAN   WAN

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUT361
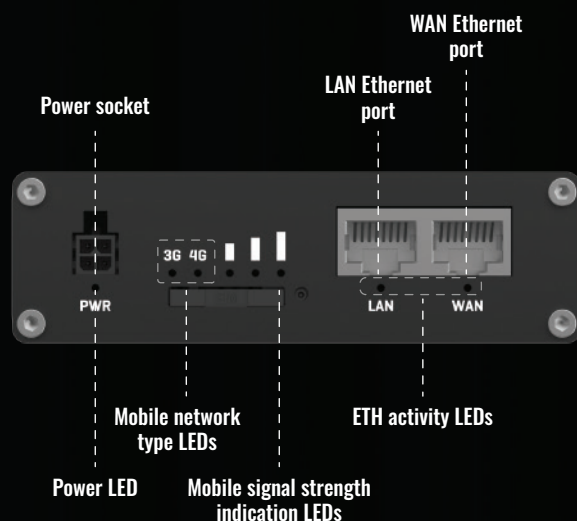
MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

Mobile	4G (LTE) – Cat 6 up to 300 Mbps (DL) / 50 Mbps (UL), 3G up to 42 Mbps (DL)
CPU	Mediatek, 580 MHz, MIPS 24KEc
RAM	128MB, DDR2
FLASH storage	16MB serial NOR flash
Powering options	4-pin industrial DC power socket, 9 - 30 VDC
SIM	1 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holder
Antenna connectors	2 x SMA for Mobile, 2 x RP-SMA for Wi-Fi
Ethernet	2 x RJ45 ports, 10/100 Mbps
WiFi	802.11 b/g/n, 2x2 MIMO, Access Point (AP), Station (STA)
Inputs/Outputs	2 x Digital Input, 2 x Digital Output on 4-pin power connector
Status LEDs	2 x Mobile connection type, 3 x Mobile connection strength, 2 x ETH status, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing
Dimensions (W x H x D)	93.2 x 100 x 30 mm
Weight	243 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Multiple PDN, Auto APN, Band lock, Operator black/white list, Data/SMS limits
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SFTP, FTP, SMTP, SSL/TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SMNP, MQTT, Wake On Lan (WOL)
Network	Failover (Network backup), VLAN, QoS, Load Balancing
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, Tailscale
Monitoring and Management	WEB UI, CLI, SSH, CALL, SMS,TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Cloud solutions	RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
SMS features	SMS status, SMS configuration, send/read SMS via HTTP POST/GET, EMAIL to SMS, SMS to EMAIL, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP
Services	DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP

FRONT VIEW

Power socket

Power LED

Mobile network type LEDs

Mobile signal strength indication LEDs

LAN Ethernet port

WAN Ethernet port

ETH activity LEDs

PWR   3G 4G   LAN   WAN

BACK VIEW

WiFi antenna connector

WiFi antenna connector

Mobile MAIN antenna connector

Mobile AUX antenna connector

WIRELESS   MOBILE

WiFi   WiFi   RESET   MAIN   AUX

Reset button