

Item no.: RUTX50

RUTX50 - Industrial 5G Router

from **486,58 EUR**

Item no.: RUTX50
shipping weight: 0.80 kg
Manufacturer: Teltonika



Product Description

RUTX50 - Industrial 5G Router

RUTX50 is your future-proof, multi-network industrial router, offering 5G mobile communication for high-speed and data-heavy applications.

5G dual SIM cellular communication combined with 5 Gigabit Ethernet ports and dual-band Wi-Fi enables reliable ultra-low latency data transfer.

The power of 5G technology, combined with a wide range of interfaces and industrial hardware features, ensures adaptability for future upgrades and expansions.

RUTX50 comes with the RutOS, which provides advanced security features and specialized industrial protocols for a wide range of professional application scenarios, and is compatible with Remote Management System (RMS), for optimized remote management and monitoring capabilities of large fleets of devices.

Hardware

- Mobile: 5G Sub-6 Ghz SA/NSA 2.1/3.3 Gbps DL (4x4 MIMO), 900/600 Mbps UL (2x2); 4G (LTE) – LTE Cat 20 2.0 Gbps DL, 200 Mbps UL; 3G – 42 Mbps DL, 5.76 Mbps UL
- CPU: Quad-core ARM Cortex A7, 717 MHz
- Flash storage: 256 MB
- RAM: 256 MB
- Powering options: 4-pin power socket, 9-50 V DC
- SIM: 2x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
- Antenna connectors: 4x SMA for Mobile, 2x RP-SMA for WiFi, 1x SMA for GNSS
- Ethernet: 5x 10/100/1000 Ethernet ports: 1x WAN (configurable as LAN), 4x LAN
- WiFi: 802.11b/g/n/ac Wave 2 (WiFi 5) with data transmission rates of up to 867 Mbps (Dual Band, MU-MIMO), 802.11r fast transition, Access Point (AP), Station (STA)
- Wireless mesh/roaming: Wireless mesh (802.11s), fast roaming (802.11r)
- GNSS: GPS, GLONASS, BeiDou, Galileo, QZSS
- Inputs/outputs: On 4-pin socket: 1x digital input, 1x digital open collector output
- Other: 1x USB host, 1x grounding screw
- Status LEDs: 3x connection status LEDs, 3x connection strength LEDs, 10x Ethernet port status LEDs, 4x WAN status LEDs, 1x Power LED, 2x 2.4G and 5G WiFi LEDs
- Operating temperature: -40°C to 75°C
- Housing: Aluminum housing, DIN rail (can be mounted on two sides), flat surface placement
- Dimensions (W x H x D): 132 x 44.2 x 95.1 mm
- Weight: 533 g

Software

- Operating system: RutOS (OpenWrt based Linux OS)
- Mobile features: Multiple PDN, Auto APN, Band lock, SIM switch, Operator black/white list, Data/SMS limits
- Network features: Routing, Failover, Firewall, DHCP, DDNS, Load Balancing, VoIP passthrough, Connection monitoring
- Monitoring and Management: WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
- VPN and tunneling: OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, WireGuard, ZeroTier
- Cloud solutions: RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
- Hotspot: External/Internal Radius, SMS OTP, MAC authentication, Walled Garden
- GNSS: NMEA forwarding, AVL, Geofencing

Specifications

**Scan this QR code to
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All details, up-to-date
prices and availability

