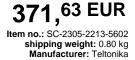


Item no.: SC-2305-2213-5602 TRB500000000 - Industrial 5G Gateway





Product Description

TRB500 - Industrial 5G Gateway

The TRB500 gateway is a compact-sized and energy-efficient industrial gateway with a Gigabit Ethernet interface and two configurable I/Os, allowing high-level customization and implementation of a multitude of scenarios.

This device enables 5G network speeds with ultra-low latency for mission-critical infrastructures and high data throughput, ensured by 4 external antennas that allow the use of 4x4 MIMO.

TRB500 comes with the RutOS operating system, which provides advanced security features and compatibility with Teltonika's 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: Single core ARM Cortex A7, 1,5 GHz
- Flash storage: 512 MB
 RAM: 256 MB
- Powering option: 4-pin power socket, 9-30 V DC
 SIM: 1x SIM slot (Mini SIM 2FF), 1.8 V/3 V
- •
- Antenna connectors: 4x SMA for Mobile Ethernet: 1x 10/100/1000 Mbps Ethernet port .
- Inputs/outputs: On 4-pin socket: 1x digital input, 1x digital open collector output •
- Imputs/outputs: On 4-pin socket: 1x digital input, 1x digital open collector output
 Other: 1x micro USB slave, 1x grounding screw
 Status LEDs: 3x connection type status LEDs, 3x connection strength LEDs, 2x LAN status LEDs, 1x power LED
 Operating temperature: -40°C to 75°C
 Housing: Aluminium housing, DIN rail (can be mounted on two sides), flat surface placement
 Dimensions (W x H x D): 100 x 30 x 93.4 mm
 Weight: 241 g

Software

- Operating system: RutOS (OpenWrt based Linux OS)
- Operating system: RutOS (Open/Wrt based Linux OS)
 Mobile features: Auto APN, band lock, SIM switch, operator black/white list, data/SMS limits
 Network protocols: TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SMTP, SSL v3, TLS, PPP, PPPoE, SSH, DHCP, SNMP, MQTT, Wake on LAN (WOL)
 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: Open/VPN, IPsec, GRE, PPTP, L2TP, WireGuard, ZeroTier
 Cloud solutions: RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
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- Security: Authentication, pre-configured firewall rules, attack prevention, mobile quota control, WEB filter, access control

Specifications



Scan this QR code to view the product All details, up-to-date prices and availability