Item no.: TRB500

TRB500000000 - Industrial 5G gateway

from **353,78 EUR**

Item no.: TRB500
shipping weight: 0.80 kg
Manufacturer: Teltonika

📄 Product Description

TRB500 - Industrial 5G gatewayThe TRB500 gateway is a compact and energy-efficient industrial gateway with a Gigabit Ethernet interface and two configurable I/Os that allow for high-level customisation and implementation of a variety of scenarios.This device enables ultra-low latency 5G network speeds for mission-critical infrastructures and high data throughput ensured by 4 external antennas enabling 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 optimised 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 memory: 512 MB- Memory: 256 MB- Power supply option: 4-pin power connector, 9-30 V DC- SIM: 1x SIM slot (Mini SIM - 2FF), 1.8 V/3 V- Antenna connections: 4x SMA for mobile communications- Ethernet: 1x 10/100/1000 Mbps Ethernet connection- Inputs/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 (mountable on both sides), flat footprint- Dimensions (W x H x D): 100 x 30 x 93.4 mm- Weight: 241 gSoftware:- Operating system: RutOS (OpenWrt-based Linux operating system)- Mobile functions: Auto APN, band lock, SIM change, 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 functions: 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 tunnelling: OpenVPN, IPsec, GRE, PPTP, L2TP, WireGuard, ZeroTier- Cloud solutions: RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx- Security: authentication, preconfigured 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