

Item no.: TRB255

TRB255 00000 - TRB255 - Industrial cellular LTE CAT M1 / NB-IOT / EGPRS Gateway

121,34 EUR

Item no.: TRB255
shipping weight: 0.20 kg
Manufacturer: Teltonika



Product Description

TRB255 - Industrial cellular LTE CAT M1 / NB-IOT / EGPRS Gateway

TRB255 is an Industrial Cellular Gateway with multiple LPWAN connectivity options. This gateway is very flexible, because it is equipped with Ethernet, Serial (RS232 + RS485) interfaces and multiple Inputs/Outputs. It features NB-IoT, LTE Cat-M1 and is backwards compatible to EGPRS (2G).

Because of multiple cellular connectivity options, it offers cost-efficient and scalable way to upgrade a large amount of legacy infrastructure or implement new long-term M2M connectivity projects. Finally, location positioning technology (GNSS) and Dual-SIM functionality along with compatibility with Teltonika Remote Management system will make sure that your infrastructure is not only reliably connected, but also easy to monitor and control.

Hardware

- Mobile: 4G/LTE (Cat M1), NB-IoT, 2G
- CPU: Qualcomm, MIPS 24Kc, 650 MHz
- Memory: 16 MBytes Flash, 64 MBytes RAM
- Powering option: 16pin terminal, 9-30 VDC
- SIM: 2 x Internal SIM holders (2FF)
- Antenna connectors: 1 x SMA for mobile, 1 x SMA for GPS
- Ethernet: 1 x 10/100 Ethernet port
- GNSS: GPS, GLONASS, BeiDou, Galileo, QZSS
- Inputs/Outputs: On 16pin socket: 3 x Digital input/Digital open collector output (configurable), 1 x Analog input
- Serial: 1 x RS232, 1 x RS485
- Status: LEDs 3 x Connection type, 3 x Signal strength, 2 x Ethernet, 1 x Power
- Operating temperature: -40 °C to 75 °C
- Housing: Aluminium housing with DIN rail mounting option

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 protocols: TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, DHCP, Telnet
- Monitoring and Management: WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS
- Connection monitoring: Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
- Cloud solutions: RMS, FOTA, Telenor, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
- NTP: NTP Server, NTP Client, Sync with: External NTP server, GNSS, Mobile operator
- GNSS: NMEA forwarding, AVL, Geofencing
- Modbus: TCP slave, TCP master, RTU master, RTU gateway, Modbus over MQTT
- Serial: Console, Over IP, Modem, NTRIP, Modbus
- Administration: Multi user, Configuration profiles, Diagnostics, logs, Configuration backup

Specifications

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



