

Item no.: TRB245\_NA

## TRB245100100 - ALL-IN-ONE Industrial M2M LTE Cat 4 Gateway, North America Version

from **174,91 EUR**

Item no.: TRB245\_NA  
shipping weight: 0.20 kg  
Manufacturer: Teltonika



### Product Description

TRB245 - ALL-IN-ONE Industrial M2M LTE Cat 4 Gateway, North America Version

The industrial LTE Cat. 4 gateway TRB245 is equipped with GNSS receiver, Ethernet port and a durable 16 pin connector block. This gateway board packs all essential features for industry in one package: secure power connector, I/O ports, serial communication, fast and reliable internet connection.

TRB245 can be used to integrate modern and legacy industrial equipment in one solution and with a wide range of software features such as SMS control, Firewall, open VPN, IPSec, RMS, users can be ensured that data can be reached securely and without compromises.

Hardware

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



