



Teltonika TRB255 | Industrial LTE Cat M1 Gateway | LTE Cat M1 / NB-IoT/ EGPRS, LPWAN Modem



link to the product:

<https://www.batna24.com/gb/p/lte-5g/teltonika-trb255-industrial-lte-cat-m1-gateway-lte-cat-m1-nb-iot-egprs-lpwan-modem>

Price: **570.97 zł** gross / 464.20 zł net



Manufacturer: TELTONIKA

Referention number: DNXXGFPQKKRMMPN

Product features

Regulatory Approvals	CE/RED, EAC, RoHS, WEEE EN 300 511, ETSI EN 301 489 (-1/-19/-52 drafts), ETSI EN 301 908 (-1/-2/-13) EMC: EN 61000-4 (-2/-3/-4/-5/-6/-11)
Height	74 mm
LED indicators	Power
Authentication method	Pre-shared key, digital certificates, X.509 certificates
Universal Plug and Play (UPnP)	Yes
Firewall security	Yes
Width	83 mm
Depth	25 mm
Storage temperature (T-T)	10 - 90 °C
Harmonized System (HS) code	85176990
Networking standards	IEEE 802.3
Ethernet LAN (RJ-45) ports	1
IFU / User manual	Yes
Operating temperature (T-T)	-40 - 75 °C
Quick installation guide	Yes
Safety	IEC 62368-1:2014, EN 50385:2017, EN 62232:2017
Quality of Service (QoS) support	Yes
RS-232 ports	1

Supported network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, PPP (planned), UPNP (planned), SSH, DHCP, Telnet, MQTT (planned), Wake On Lan (WOL) (planned)
Reset button	Yes
Management protocols	SNMP
Dynamic DNS (DDNS)	Yes
Serial interface type	RS-232/485
Product colour	Grey
Network address translation (NAT)	Yes
DoS attack prevention	Yes
DMZ support	Yes
Product weight	165 g

Full product description

Teltonika TRB255 gateway

The **Teltonika TRB255 Network Gateway** is a gateway for industrial cellular applications that supports **LPWAN** connectivity options. The model features flexibility of use with an **RJ45 Fast Ethernet** interface, serial interfaces (**RS232, RS485**) and multiple **input/outputs**. The device supports low-traffic cellular communications for NB-IoT telemetry devices, **LTE Cat M1** technology, and is backward compatible with EGPRS (2G) wireless data technology.



Uninterrupted connection and management from the cloud

The Teltonika TRB255 network gateway offers a cost-effective and scalable way to upgrade large amounts of legacy infrastructure or implement new M2M interoperability projects using support for various cellular standards. In addition, built-in **GNSS**, **dual SIM cards** and compatibility with **Teltonika's remote control system** enable not only reliable infrastructure connectivity, but also easy monitoring and management.



Excellent protection against external influences

The device is designed to operate in extreme conditions (on the street, in vehicles), for which its housing is made of **aluminum resistant to corrosion** and physical loads. Reliability of the gate is also ensured by handling the supply voltage in a wide range (**from 9 to 30 V**).



Main features and benefits

- 4G/LTE (Cat M1), NB-IoT, 2G Connectivity
- Dual SIM with automatic failover, WAN redundancy and other switching scenarios
- Serial ports Serial communication interfaces RS232 / RS485
- 9-30 V - wide range of supported supply voltages
- I/O - multiple inputs and outputs for remote monitoring and management
- Global Navigation Satellite System GNSS and Geofence