Item no.: TRB145

TRB145003000 - TRB145 - Linux-Based Industrial Gateway Board, RS485 Interface

from **102,50 EUR**

Item no.: TRB145
shipping weight: 0.40 kg
Manufacturer: Teltonika

📄 Product Description

Teltonika TRB145 - Linux-Based Industrial Gateway Board, RS485 InterfaceThe industrial LTE Cat 1 gateway board TRB145 is equipped with an RS485 interface, digital inputs/outputs and a micro-USB port. TRB145's compact design makes this gateway perfect for applications, in which a sole device must be remotely controlled over an RS485 interface. TRB145 is engineered to be used in industrial applications, therefore it has a wide range of software features such as SMS control, firewall, OpenVPN, IPsec, RMS and FOTA support.Standard package contains

- TRB145 board
- Euro PSU
- 1x LTE antenna (magnetic mount, SMA male, 3 m cable)
- Micro-USB cable (0.8 m)
- 1x hex key
- RS485 connector
- QSG (quick start guide)
- Packaging box

Hardware

- Mobile: LTE(Cat1)/3G/2G
- SIM slot: Mini SIM (2FF)
- Antenna connector: 1x SMA for LTE
- RS485: Full Duplex (4 wires) and Half Duplex (2 wires), baud rate 300-115200
- Input/Output: 2x Digital Input/Output (configurable)
- CPU: ARM Cortex-A7 1.2 GHz CPU
- RAM: 128 MB (50 Mb available for user space)
- Flash: 512 MB (70 Mb available for user space)
- Input voltage range: 9 - 30 VDC
- Power connector: 4-pin industrial DC power socket
- Optional power source: Possibility to power device over 6-pin RS485 connector's spare terminals
- Configuration interface: Virtual NIC via Micro-USB connector
- LED Indicators: Power, signal, network and data status LEDs

Software

- Operating System: Linux OS with Yocto SDK (offering high software customisation)
- Network: NAT, Static/Dynamic routing, Firewall (port forward, traffic rules, custom rules), OpenVPN, DDNS (>25 service providers supported)
- RS485 related services: Modbus, Serial over IP, NTRIP
- Remote management: RMS Support, FOTA support, SSH, CLI, SMS Utilities (status/configuration)
- Status watchdogs: Ping reboot, periodic reboot
- Additional features: Internet connectivity over USB virtual network interface

Mechanical & Environmental

- Operating temperature: -40°C to 75°C
- Storage temperature: -45°C to 80°C
- Operating humidity: 10% to 90% non-condensing
- Storage humidity: 5% to 95% non-condensing
- Dimensions: 64,4 x 74,5 x 25,0 mm
- Weight: 125 g

🖹 Specifications

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