



TRB142

Teltonika TRB142 Industrial RS232 to 4G LTE IoT Gateway

Connectors

SMA

Bands

800/900MHz , 1700/2100MHz

Integrated PoE

PoE (non standard)

Stock Level: **Product in stock**

\$185.00 + GST

Description

The Teltonika TRB family devices are designed to be small, lightweight and energy efficient - allowing you to do IoT projects with ease. The TRB142 comes with widely used RS232 port for remote device management. It contains a high performance ARM Cortex-A7 1.2GHz processor and 128 megabytes of RAM. It is equipped with mission-critical LTE capabilities and a Linux environment offering high degree of customization.

Robust and reliable RS232 to 4G LTE Cat1 IoT gateway. Linux based advanced firmware with firewall and VPN functionality is perfect for upgrading connectivity for existing or new equipment.

Features

- RS232 is an Industrial standard for serial communication
- Wide range of power supply voltages 9 – 30V
- LTE Cat 1 for M2M/IoT communications
- Teltonika Remote Management System compatible
- Compact size, easy integration
- OpenLinux based OS allows high software customisation

Specifications

Details

Product code	TRB142101000
Mobile	LTE(Cat1)/3G/2G
CPU	ARM Cortex-A7 1.2 GHz CPU
RAM	128 MB (50 MB available for userspace)
Flash	512 MB (70 MB available for userspace)
Power connector	4 pin industrial
SIM slot	Mini SIM (2FF)
Antenna connectors	1 x SMA for LTE
LEDs	Power, signal, network and data status
RS232 connector	DB9 socket, 5 pin configuration with flow control
Others	Micro-USB connector, Reset button
Networking	Firewall, NAT
RS232 related services	Modbus, Serial over IP, NTRIP
Remote Management	RMS Support, FOTA support, SSH, CLI, SMS Utilities
Additional features	USB virtual network interface, Input/Output
Input voltage	9 - 30 VDC
Operating temperature	-40° C to 75° C
Storage temperature	-45° C to 80° C

Details

Operating humidity	10% to 90% non-condensing
Storage humidity	5% to 95% non-condensing
Dimensions	60 mm x 70 mm x 18 mm
Weight	37.5 g

Resources

- [Manufacturer Website](#)
- [Firmware & Downloads](#)
- [Community Forum](#)
- [Wiki Knowledge Base](#)
- [Case Studies](#)
- [IoT Academy](#)

Details

Power Supply	9V 1A AC/DC Plug Pack with 4pin, 3mm pitch connector
Antenna	1 x LTE antenna (magnetic mount, SMA male, 3 m cable)
Manual	QSG (Quick Start Guide)