

TRB142

RS232 LTE GATEWAY BOARD

Industrial LTE Cat 1 Gateway Board TRB142 is equipped with an RS232 Interface, Digital Inputs/ Outputs and a microUSB port. TRB142 compact design makes this Gateway perfect for an application where a sole gadget must be remotely controlled over the RS232 Interface. TRB142 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.



EFFICIENT

Easy Integration

Compact size

Low Power consumption

ADVANCED

LTE Cat 1 for M2M via RS232

High Performance

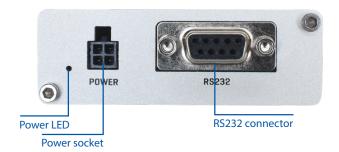
Open platform with SDK

SECURE

OpenVPN and IPsec Embedded Firewall

Encrypted management with Remote Management System







Hardware

Mobile	LTE (Cat1)/3G/2G
SIM slot	Mini SIM (2FF)
Antenna connector	1 x SMA for LTE
RS232	DB9 socket, 5 pin configuration with flow control, baud rate 300 - 115200
Input/Output	2 x Digital/Analog Inputs/Outputs (configurable)
CPU	ARM Cortex-A7 1.2 GHz CPU
RAM	128 MB (50 MB available for userspace)
Flash	512 MB (200 MB available for userspace)
Input voltage range	9 - 30 VDC
Power connector	4 pin industrial DC power socket
Configuration interface	Virtual NIC via Micro-USB connector
LED Indicators	Power, signal, network and data status LEDs
Operating temperature	-40° C to 75° C
Dimensions	60 mm x 70 mm x 18 mm
Weight	135 g

Software

RutOS (OpenLinux based Linux OS)
NAT, Firewall (port forward, traffic rules, custom rules), DDNS (>25 service providers supported)
Modbus, Serial over IP, NTRIP
RMS Support, FOTA support, SSH, CLI, SMS Utilities (status/configuration)
Ping reboot, periodic reboot
Internet connectivity over USB virtual network interface

