

TRB141

GPIO LTE GATEWAY BOARD

Industrial LTE Cat 1 Gateway Board TRB141 is equipped with multiple Inputs/Outputs and Micro-USB port. TRB141 compact design makes this Gateway perfect for an application where a sole gadget must be remotely managed using I/O's. TRB141 is engineered to be used in Industrial applications therefore it has a wide range of software features such as SMS control, Firewall, RMS and FOTA support.



EFFICIENT

Easy Integration

Compact size

Low Power consumption

ADVANCED

LTE Cat1 for IoT GPIO connectivity

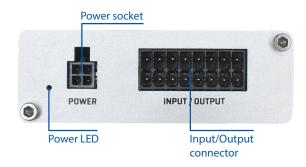
High performance

Open platform with SDK

SECURE

OpenVPN and IPsec
Advanced Firewall
Remote management system compatible







Hardware

Mobile	LTE(Cat1)/3G/2G
SIM slot	Mini SIM (2FF)
Antenna connector	1 x SMA for LTE
Inputs/Outputs	$2 \times Digital$ inputs, $2 \times Relay$ outputs, $1 \times Analog$ input, $1 \times Isolated$ input, $2 \times Digital$ Inputs/Outputs on powe connector
CPU	ARM Cortex-A7 1.2 GHz CPU
RAM	128 MB (50 MB available for userspace)
Flash	512 MB (70 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	136 g

Software

Operating system	Linux OS with Yocto SDK (offering high software customisation)
Network	NAT, Firewall (port forward, traffic rules, custom rules), DDNS (>25 service providers supported)
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

