

TRB140

LTE GATEWAY BOARD

Industrial LTE Cat 4 Gateway Board TRB140 is equipped with a single Ethernet port, Digital Inputs/Outputs and a micro-USB port. TRB140 compact design makes this Gateway perfect for an application where a sole gadget must be granted reliable Internet connectivity. TRB140 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.



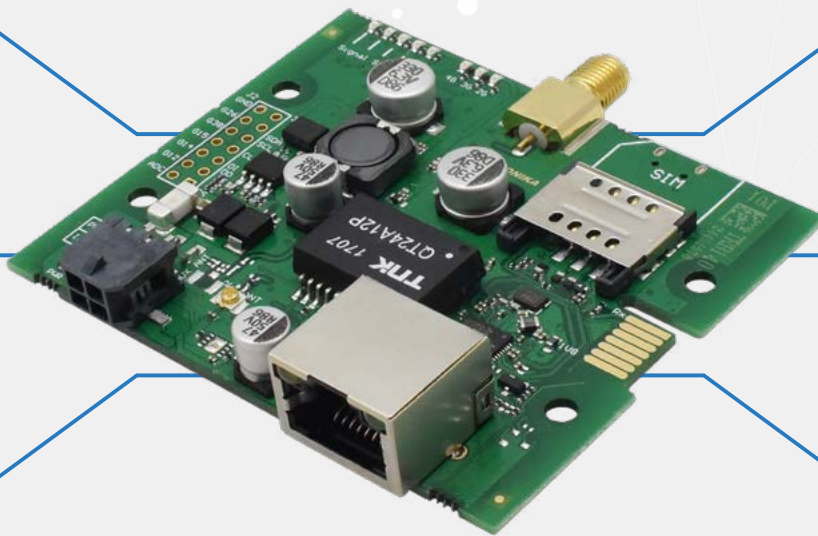
Ethernet interface



LTE Cat 4
up to 150 Mbps support



Compact size, easy integration



9-30V

Wide range of power
supply voltages



Teltonika Remote Management
System compatible



OpenLinux based OS allows high
software customisation

EFFICIENT

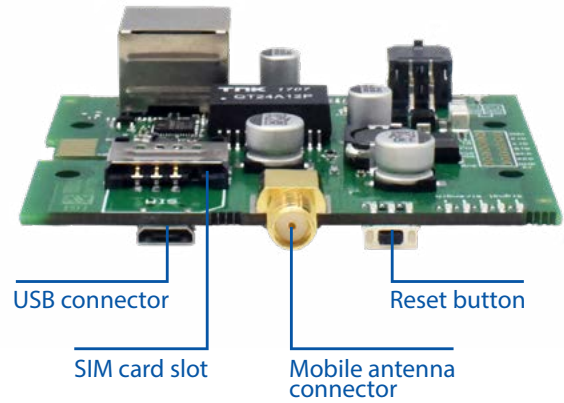
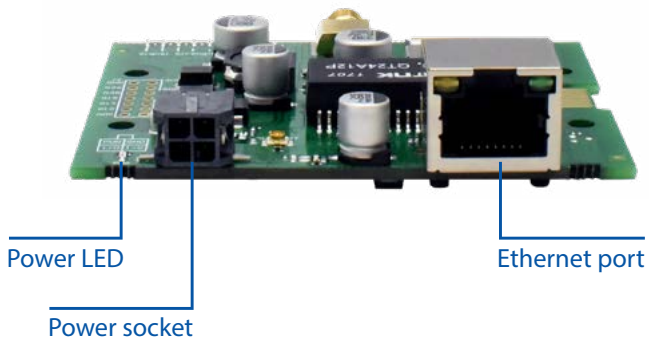
- Easy Integration
- Compact size
- Low Power consumption

ADVANCED

- LTE Cat 4
- High Performance
- Open platform with SDK

SECURE

- OpenVPN and IPsec
- Embedded Firewall
- Encrypted management with Remote Management System



Hardware

Mobile	LTE (Cat4)/3G/2G
SIM slot	Mini SIM (2FF)
Antenna connector	1 x SMA for LTE
Ethernet	1 x 10/100/1000 Mbps
Input/Output	2 x Digital/Analog Inputs/Outputs (configurable)
CPU	ARM Cortex-A7 1.2 GHz CPU
RAM	128 MBytes (50 MBytes available for userspace)
Flash	512 MBytes (70 MBytes 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	35.8 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

