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 with speeds up to 150 Mbps

Compact size, easy integration

9-30V
Wide range of power supply voltages

RMS
Teltonika Remote Management System compatible

OpenLinux based OS allows high software customisation
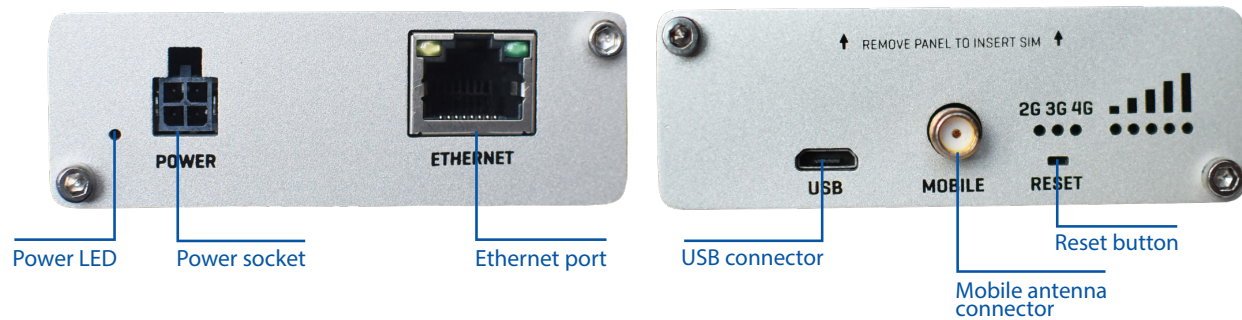
EFFICIENT

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

Power LED Power socket Ethernet port USB connector Reset button

Mobile antenna connector

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 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	134 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

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