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Teltonika TRB140 4G Modem, Ethernet Port, Passive PoE, USB Slave, Digital I/O

SKU
M2M-TE-00013
MPN
TRB140AU
Barcode
4779027312408

Description

TRB140 LTE Ethernet Gateway is a small, lightweight and energy efficient IoT device equipped with mission-critical LTE capabilities, a RJ45 10/100/1000 Mbps port and a Linux environment offering a high degree of customisation, designed to do IoT projects with ease.

TRB140's 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 an Industrial application therefore it has a wide range of software features such as SMS control, Firewall, Open VPN, IPsec, RMS and FOTA support.

The device is available from Teltonika in a range of form factors, from PCB-only to a full aluminium case variation.

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Based on OpenWRT, this device consists of a durable SBC with an integrated Quectel Cat 4 LTE chipset, with a fully open source and customisable Linux OS. The device has a 512 MB flash memory, with 70 MB allocated for user space applications - allowing additional daemons and custom services to be run to meet your specific application.

Note that Cat 4's max DL data rate is 150 Mbps - as this device only implements SISO it's maximum downlink data rate is 75 Mbps.



Teltonika

In 21 years we have launched to mass production over 100 different devices in IoT, Networking, Connected vehicles, Asset and personal Tracking areas. That makes over 8.600.000 million devices sold worldwide in over 150 different countries. Although these numbers are impressive, Teltonika is more than that – we are about innovating, inspiring, connecting, educating and reliable partnership.

By ...

Network Interfaces

Wireless Interfaces
Cellular Module
Technologies
3G UMTS, 4G LTE
Chipset/Module
Quectel EC25

4G LTE Specifications

MIMO
1x1 SISO
LTE Bands
B1
,
B2
,
B3
,
B4
,
B5
,
B7
,
B8
,
B28
,
B40
DL Category
Cat 4
UL Category
Cat 5
SIM Cards

Quantity	SIM Type
1	Standard SIM (2FF)

Modem RF Connectors

RF Connector Function	Quantity	RF Interface
Cellular	1	SMA Female

Ethernet Interfaces

Interface	Quantity	Function	Signalling	PoE Input
RJ45 Copper	1	LAN	100BASE-T, 1000BASE-T	Passive PoE

Physical Specification

Subtype
Cellular Modem
Min. Operating Temperature
-40 °C
Max. Operating Temperature
75 °C
Ingress Protection
IP30
Dimensions
74 × 64.4 × 25 mm
Weight
134 kg
Materials
Aluminium
Mounting
Teltonika Modem Screw Pattern
Compliance/Certifications
CE
,
RCM
,
RoHS
IO Interfaces

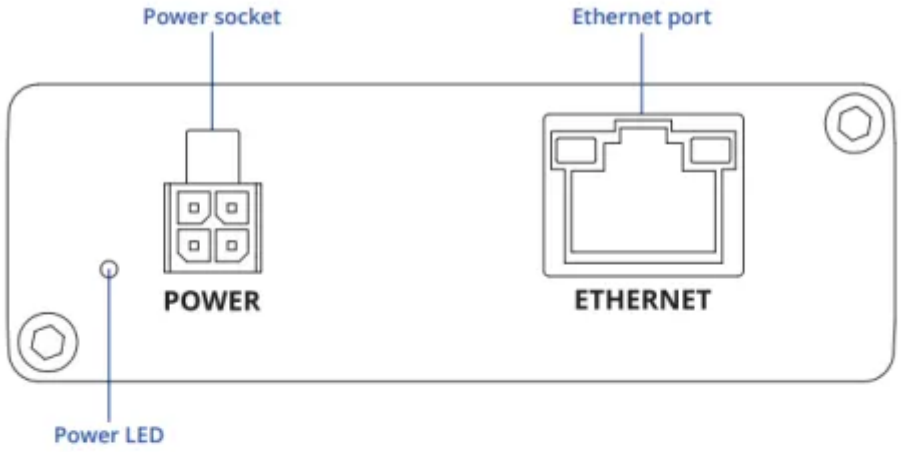
Quantity	Notes
1	Digital IO via Molex 4-Pin Power Connector

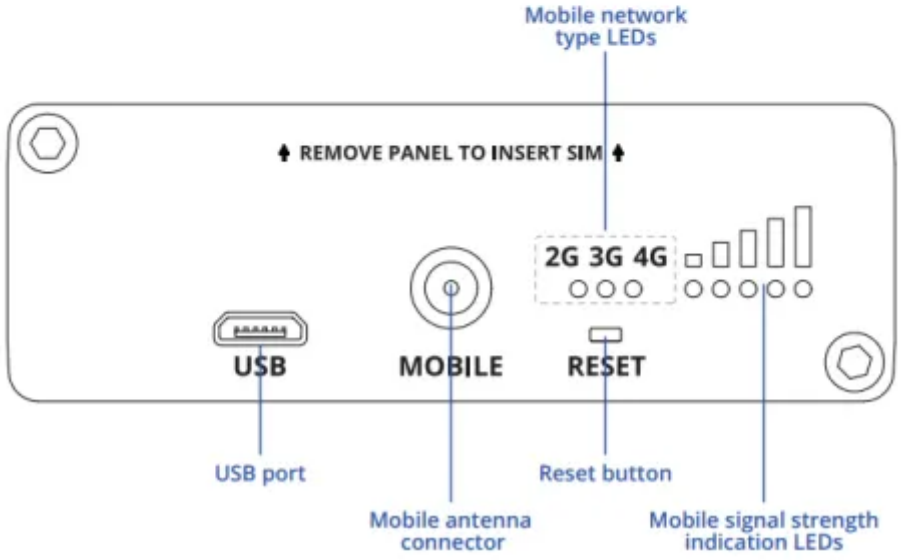
Power Specifications
Max. Consumption
5 W
Power Options
DC Power Input
Power over Ethernet
Power Interface

Power Connector	Nominal Voltage	Min. Input Voltage	Max. Input Voltage	Voltage Type

Molex, 4-Pin Square Micro-Fit	12 V	9 V	30 V	DC

Drawing





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