TRM250

INDUSTRIAL RUGGED LTE CAT-M1/NB-IoT/EGPRS MODEM

TRM250 is an Industrial Cellular modem with multiple LPWAN connectivity options. It features NB-IoT, LTE Cat-M1 and is backwards compatible to EGPRS (2G). It offers extremely long lifecycle and is the most flexible option when upgrading connectivity of existing industrial equipment. TRB250 is equipped with USB interface and rugged aluminium housing and is designed for large scale IIoT deployments.

LTE Cat M1 / Cat NB1 / EGPRS Communication

Low power consumption

Rugged aluminium housing

Compact size, easy integration

Device is accessible and configurable via USB

External antenna for better signal coverage
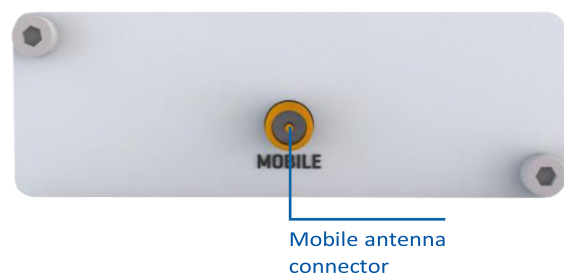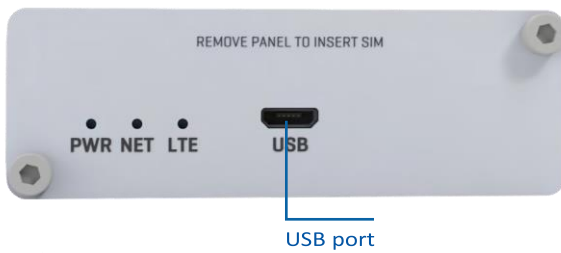
EFFICIENT

Low power consumption

Compact size

Accessible & configurable via USB

PERFORMANCE

EGPRS/LTE Cat1/NB-IoT

Rugged Housing

External antenna

SCALABLE

Cost Efficient

Easy to deploy

Easy to use

REMOVE PANEL TO INSERT SIM

PWR NET LTE   USB

USB port

MOBILE

Mobile antenna
connector

Hardware

Mobile	LTE (Cat-M1) / NB-IoT / EGPRS
SIM slot	Mini SIM (2FF)
Antenna connector	1 x SMA
Operating Voltage	5V - powered via microUSB
Configuration interface	microUSB
LED indicators	Power and Network status LEDs
Operating temperature	-40 °C to 75 °C
Operating humidity	10 % to 90 % non-condensing
Casing material	Aluminium housing
Ingress Protection Rating	IP30
Dimensions	74,5 x 64,5 x 25mm
Weight	130 g

Software

Management software	Windows Connection Manager (NDIS driver)
USB Serial Driver	Windows 7/8/8.1/10, Linux 2.6/3.x/4.1~4.14, Android 4.x/5.x/6.x/7.x/8.x
RIL Driver	Android 4.x/5.x/6.x/7.x/8.x
NDIS Driver	Windows 7/8/8.1/10
Gobinet Driver	Linux 2.6/3.x/4.1~4.14
QMI_WWAN Driver:	Linux 3.x(3.4 or later)/4.1~4.14
Protocols	PPP/TCP/UDP/SSL/TLS/FTP(S)/HTTP(S)/NITZ/PING/MQTT

Interfaces

interface Hayes AT Command set	AT Commands (3GPP TS27.007, 3GPP TS27.005) Management Enhanced AT Commands

For More Information, please contact

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