

# 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. TRM250 is equipped with USB interface and rugged aluminium housing and is designed for large scale IIoT deployments.



LTE Cat M1 / Cat NB1 /  
EGPRS Communication



Rugged aluminium housing



Device is accessible and  
configurable via USB



Low power consumption



Compact size, easy integration



External antenna for better  
signal coverage

## EFFICIENT

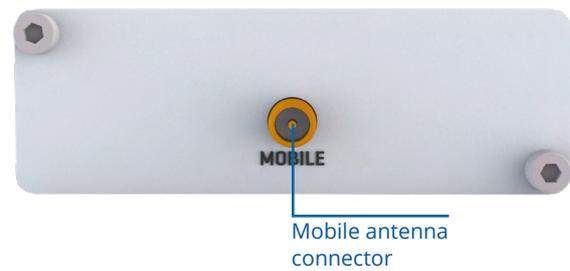
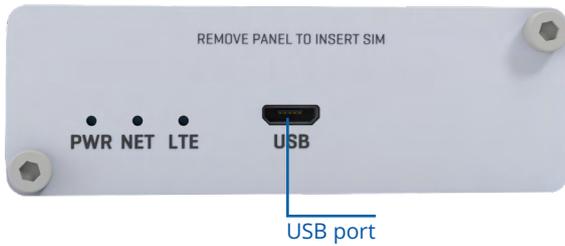
- Low power consumption
- Compact size
- Accessible & configurable via USB

## PERFORMANCE

- EGPRS/LTE Cat1/NB-IoT
- Rugged Housing
- External antenna

## SCALABLE

- Cost Efficient
- Easy to deploy
- Easy to use



## 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,<br>Linux 2.6/3.x/4.1~4.14,<br>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

|                      |  |
|----------------------|--|
| Management interface | AT Commands (3GPP TS27.007, 3GPP TS27.005)<br>Hayes AT Command set<br>Enhanced AT Commands |
|----------------------|--|