

TRM282



TRM282 360° VIEW

GLOBAL 4G MODEM

Designed for industrial and IoT applications worldwide, the TRM282 delivers dependable global Telit LTE Cat 4 connectivity. Equipped with both USB and RS232 interfaces, it enables seamless integration with modern devices and legacy serial equipment without system redesign. Integrated GNSS and digital input and output extend functionality beyond basic data communication, while dual external antennas ensure stable operation in demanding environments.



GLOBAL LTE

Ensure reliable global connectivity with Telit Cat 4 module

DUAL INTERFACES

Seamlessly bridge modern and legacy equipment with USB & RS232

INTEGRATED GNSS & DI/DO

Expand connectivity options with built-in GNSS and digital input/output

2 X MOBILE ANTENNAS

Improve signal stability in industrial environments



KEY FEATURES

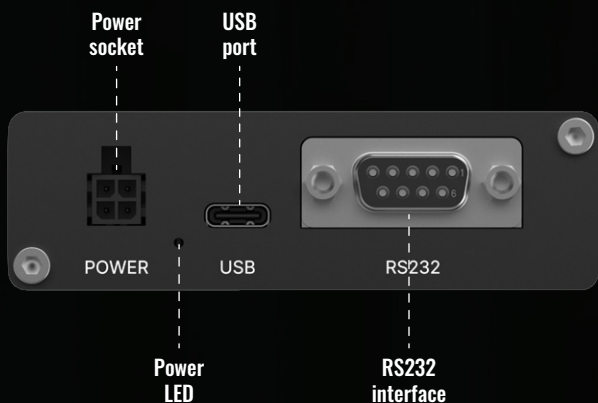
HARDWARE

Mobile	4G (LTE) – LTE Cat 4 150Mbps DL, 50Mbps UL; 3G – 42 Mbps DL, 5.76Mbps UL
Powering options	1 x 4-pin power connector 1 x USB Type-C (The USB host must provide 5V @ 3A to power the device via the USB Type-C port)
SIM	1 x SIM slot (Mini SIM - 2FF, internal SIM holder), 1.8 V/3 V
Antenna connectors	2 x SMA for Mobile, 1 x SMA for GNSS
Status LEDs	1 x Power LED, 1 x Status LED
Other	1 x Virtual network interface via USB Type-C (For power and network data)
Operating temperature	-40 °C to 65 °C
Housing	Aluminum housing and panels
Dimensions (W x H x D)	83 x 25 x 85.8 mm
Weight	171 g

SOFTWARE

Management Software	Windows Connection Manager, Modem Manager (Linux)
USB Serial Driver	Windows 7/8/8.1/10/11, Linux >5.8, Android 11, 12, 13, 14, 15
GNSS Driver	Android 11, 13, 14
RIL Driver	Android 11, 12, 13, 14, 15
QMI_WWAN Driver	Linux >5.8

FRONT VIEW



BACK VIEW

