

TRM500

TRM500 USB-C 5G MODEM



TRM500 360° VIEW

The TRM500 is a compact and lightweight 5G modem with ultra-high cellular speeds of up to 3.4 Gbps. This industrial-grade 5G modem features backward compatibility with 4G (Cat 19) and 3G networks, four SMA antennas for enhanced coverage, DIN rail mounting options, and a USB Type-C interface for simultaneous network data and powering.



5G

Ultra-high cellular speeds of up to 3.4 Gbps

FUTURE-PROOFING

Backward compatible with 4G (Cat 19) and 3G

USB TYPE-C

For simultaneous network data and powering

COMPACT

Small size, easy installation



KEY FEATURES

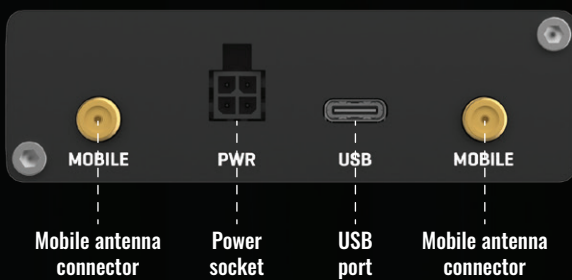
HARDWARE

Mobile	5G Sub-6Ghz SA/NSA 2.4/3.4Gbps DL (4x4 MIMO), 900/550 Mbps UL (2x2); 4G (LTE) – LTE Cat 19 1.6Gbps DL, Cat 18 200Mbps 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 slots (Mini SIM - 2FF), 1.8 V/3 V
Antenna connectors	4 x SMA for Mobile
Status LEDs	1 x Power LED, 1 x 5G LED, 1 x Network LED
Other	1 x Virtual network interface via USB Type-C (For power and network data)
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	83 x 25 x 85.4 mm
Weight	94.5 g

SOFTWARE

Management Software	Windows Connection Manager, Modem Manager (Linux)
USB Serial Driver	Windows 7/8/8.1/10/11, Linux 2.6~6.3, Android 4.x ~ 13
GNSS Driver	Android 4.x ~ 13
RIL Driver	Android 4.x ~ 13
NDIS Driver	Windows 7/8/8.1/10/11
MBIM Driver	Windows 8/8.1/10/11, Linux 3.18~6.3
Gobinet Driver	Linux 2.6/3.x/4.1~4.14
QMI_WWAN Driver	Linux 3.4~6.3

FRONT VIEW



BACK VIEW

