

# TRB236



TRB236 360° VIEW

## INDUSTRIAL LTE 450 IOT GATEWAY

Designed for reliable connectivity in hard-to-reach environments, the TRB236 delivers LTE Cat 1 or Cat 4 communication over the 450 MHz band, enabling extended coverage for remote utility and infrastructure deployments. Equipped with Ethernet, RS232, RS485, and configurable digital inputs and outputs, it bridges legacy field equipment to IP networks for continuous monitoring and control. Dual SIM support ensures connection continuity, while a wide range of industrial protocols enable efficient operation for critical IoT applications across private and utility LTE 450 networks.



### LTE 450

Extend coverage and signal reliability in utilities sector using the 450 MHz band

### FLEXIBLE 4G

Choose LTE Cat 1 / 2G or LTE Cat 4 / 3G to match local network availability

### DUAL SIM

Network redundancy, backup WAN, and more switching scenarios

### INDUSTRY-READY

Connect legacy equipment to IP networks via industrial interfaces and protocols



## RMS

## REMOTE MANAGEMENT SYSTEM

# COMPATIBLE WITH TRB236

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

# KEY FEATURES

## HARDWARE

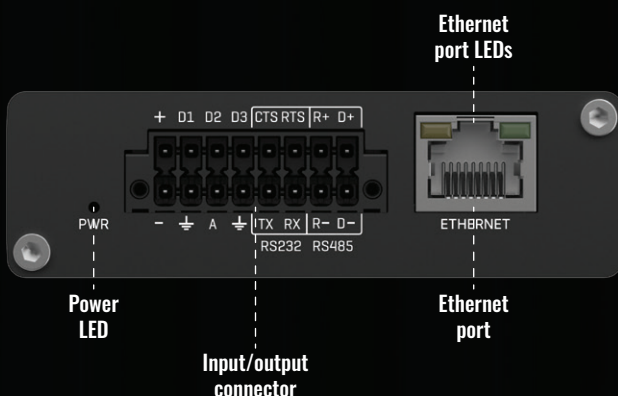
Mobile*	4G LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps <b>*Feature availability varies by order code (TRB236 0*****)</b>
Mobile**	4G LTE Cat 1 up to 10 DL/5 UL Mbps; 2G up to 236.8 DL/236.8 UL Kbps <b>**Feature availability varies by order code (TRB236 A*****)</b>
CPU	Mediatek, 580 MHz, MIPS 24KEc
RAM	128 MB
Storage	16 MB
Powering options	2-pin in 16-pin industrial terminal block, 9 - 57 VDC
SIM	2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, double stacked SIM tray
Antenna connectors	1 x SMA connector for Mobile
Ethernet	1 x RJ45 port, 10/100 Mbps
Inputs/Outputs	3 x Configurable digital I/O in 16-pin terminal block
Serial	RS232, RS485
Status LEDs	2 x connection status LEDs, 3 x connection strength LEDs, 1 x power LED, 1 x ETH port status LED
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminium housing and panels
Dimensions (W x H x D)	83 x 25 x 82.6 mm
Weight	175 g

## SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Status, SMS, USSD, Block/Allow list, Multiple PDN, Band management, SIM idle protection service, SIM PIN code management, APN, Bridge, Passthrough
Network features	Routing, Network protocols, VoIP passthrough support, Connection monitoring, Firewall, Firewall status page, Port management, Network topology, DHCP, QoS / Smart Queue Management (SQM), DNS over HTTPS, DDNS, Network backup, Load balancing, Hotspot, SSHFS, VRF support, Traffic Management, IGMP Proxy
Security	Authentication, Firewall, Attack prevention, VLAN, Mobile quota control, WEB filter, Access control, Certificate Manager
VPN and tunneling	VPN, OpenVPN, OpenVPN Encryption, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, EoIP
Monitoring and Management	WEB UI, FOTA, SSH, SMS, Call, Email, TR-069, MQTT, SNMP, JSON-RPC, RMS
Cloud solutions	RMS, ThingWorx, Cumulocity - Cloud of Things, Azure IoT Hub, AWS IoT Core
Services	BacNET, OPC UA, Modbus, Data to Server, Modbus MQTT GATEWAY, DNP3, DLMS/COSEM

**All images and visualizations are provided for illustration only and represent the product version matching order code TRB236 0\*\*\*\*.**

### FRONT VIEW



### BACK VIEW

