

TRB140

INDUSTRIAL RUGGED LTE GATEWAY



TRB140 360° VIEW



CONNECTIVITY

4G/LTE (Cat 4), 3G, 2G

RUTOS

Easy to use, secure and feature rich OpenWRT based operating system

COMPACTNESS

Small size, easy installation

DURABILITY

Rugged aluminum housing

9-30V

Wide range of supported power supply voltages

RMS

Compatible with Teltonika Remote Management System

TRB140

PRODUCT DESCRIPTION

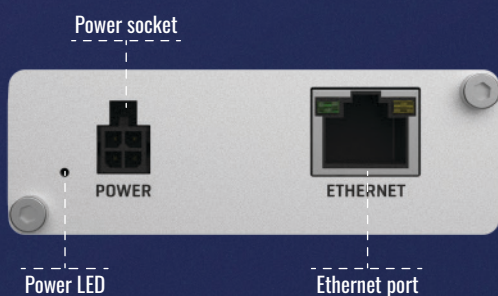
// TRB140 is an ultra-small, lightweight, and energy-efficient industrial gateway equipped with mission-critical LTE Cat 4 capabilities, Gigabit Ethernet interface, digital Inputs/Outputs, and micro-USB port.

// Because of its compact design, this product is perfect for projects and applications where a sole gadget requires reliable internet connectivity.

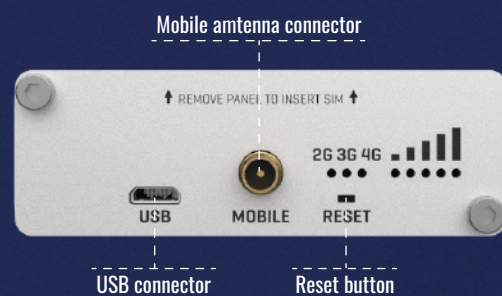
// TRB140 is specially engineered to be used in the industrial sector and has a wide range of software security features, such as SMS control, Firewall, Open VPN, IPsec, Remote Management System (RMS), and FOTA support.



FRONT VIEW



BACK VIEW



KEY FEATURES

HARDWARE

| | |
|------------------------|--|
| Mobile | 4G/LTE (Cat 4), 3G, 2G |
| CPU | Qualcomm, ARM Cortex A7, 1.2 GHz |
| Memory | 512 MBytes Flash (70 MBytes for userspace), 128 MBytes RAM (50 MBytes for userspace) |
| Powering option | 4pin power socket, 9-30 VDC |
| SIM | 1 x Internal SIM holder (2FF) |
| Antenna connectors | 1 x SMA for mobile |
| Ethernet | 1 x 10/100/1000 Ethernet port |
| Inputs/Outputs | On 4pin socket: 2 x Digital input/Digital open collector output (configurable) |
| Other | 1 x Micro USB slave |
| Status LEDs | 3 x Connection type, 5 x Signal strength, 2 x Ethernet, 1 x Power |
| Operating temperature | -40 °C to 75 °C |
| Housing | Aluminium housing with DIN rail mounting option |
| Dimensions (W x H x D) | 75 x 25 x 65 mm |
| Weight | 134 g |

SOFTWARE

| | |
|---------------------------|---|
| Operating system | RutOS |
| Mobile features | Auto APN, Band lock, SIM switch, Operator black/white list, Data/SMS limits |
| Network protocols | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, DHCP, Telnet |
| Firewall | Port forward, Traffic rules, Custom rules, Pre-configured firewall rules, DMZ, NAT, NAT-T, NAT helpers, Unlimited firewall configuration via CLI |
| Security | DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), Port scan prevention (SYN-FIN, SYN-RST, X-mas, NULL flags, FIN scan attacks) |
| VPN and tunneling | OpenVPN, IPsec, GRE, PPTP, L2TP |
| Monitoring and management | WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS |
| Connection monitoring | Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection |
| Cloud solutions | RMS, FOTA, Telenor, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx |
| SMS features | SMS status, SMS configuration, Send/Read SMS via HTTP POST/GET, EMAIL to SMS, SMS to Email, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP |
| Services | DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Traffic Logging |

RMS

RMS | REMOTE MANAGEMENT SYSTEM
COMPATIBLE WITH TRB140
 MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA



SOCIAL

