

# TRB145 TELTONIKA Industrial LTE RS485 Gateway



**Kode** : TRB145


**Brand** : Teltonika

**Jenis** : Router LTE

**Harga** : Rp 2.070.000,00

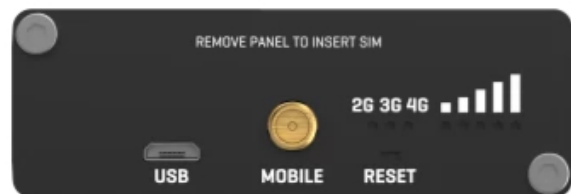
TRB145 is an ultra-small, lightweight, and energy-efficient IoT gateway equipped with mission-critical LTE connectivity that comes with a widely used RS485 interface for remote management of industrial equipment.

Penawaran Harga Spesial

 08112039555

## Features :

- 4G/LTE (Cat 1), 3G, 2G
- Small size, easy installation
- Equipped with RS485 for serial communication
- Compatible with industrial DNP3 & Modbus communication protocols



## Specification

<b>Model</b>	TRB145

MOBILE	
Mobile module	4G LTE Cat 1 up to 10 DL/5 UL Mbps; 3G up to 384 DL/384 UL kbps; 2G up to 296 DL/236.8 UL kbps
3GPP Release	Release 12
Status	IMSI, ICCID, operator, operator state, data connection state, network type, bandwidth, connected band, signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, data sent/received, LAC, TAC, cell ID, ARFCN, UARFCN, EARFCN, MCC, and MNC
SMS	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
USSD	Supports sending and reading Unstructured Supplementary Service Data messages
Black/White list	Operator black/white list (by country or separate operators)
Multiple PDN	Possibility to use different PDNs for multiple network access and services
Band management	Band lock, Used band status display
SIM PIN code management	SIM PIN code management enables setting, changing, or disabling the SIM card's PIN
APN	Auto APN
Bridge	Direct connection (bridge) between mobile ISP and device on LAN
Passthrough	Gateway assigns its mobile WAN IP address to another device on LAN
NETWORK	
Routing	Static routing
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SNMP, MQTT
VoIP passthrough support	H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets
Connection monitoring	Ping Reboot, Wget Reboot, Periodic Reboot, LCP and ICMP for link inspection
Firewall	Port forward, traffic rules, custom rules, TTL target customisation
Firewall status page	View all your Firewall statistics, rules, and rule counters
Ports management	View device ports, enable and disable each of them, turn auto-configuration on or off, change their transmission speed, and so on
Network topology	Visual representation of your network, showing which devices are connected to which other devices
DHCP	Static and dynamic IP allocation, DHCP relay, DHCP server configuration, status, static leases: MAC with wildcards
QoS / Smart Queue Management (SQM)	Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e
DDNS	Supported >25 service providers, others can be configured manually

<b>Network backup</b>	Mobile, VRRP, Wired options, each of which can be used as an automatic Failover
<b>SSHFS</b>	Possibility to mount remote file system via SSH protocol
<b>Traffic Management</b>	Real-time monitoring, wireless signal charts, traffic usage history
<b>VPN</b>	
<b>OpenVPN</b>	Multiple clients and a server can run simultaneously, 27 encryption methods
<b>OpenVPN Encryption</b>	DES-CBC 64, RC2-CBC 128, DES-EDE-CBC 128, DES-EDE3-CBC 192, DESX-CBC 192, BF-CBC 128, RC2-40-CBC 40, CAST5-CBC 128, RC2-64-CBC 64, AES-128-CBC 128, AES-128-CFB 128, AES-128-CFB1 128, AES-128-CFB8 128, AES-128-OFB 128, AES-128-GCM 128, AES-192-CFB 192, AES-192-CFB1 192, AES-192-CFB8 192, AES-192-OFB 192, AES-192-CBC 192, AES-192-GCM 192, AES-256-GCM 256, AES-256-CFB 256, AES-256-CFB1 256, AES-256-CFB8 256, AES-256-OFB 256, AES-256-CBC 256
<b>IPsec</b>	XFRM, IKEv1, IKEv2, with 14 encryption methods for IPsec (3DES, DES, AES128, AES192, AES256, AES128GCM8, AES192GCM8, AES256GCM8, AES128GCM12, AES192GCM12, AES256GCM12, AES128GCM16, AES192GCM16, AES256GCM16)
<b>GRE</b>	GRE tunnel, GRE tunnel over IPsec support
<b>PPTP, L2TP</b>	Client/Server instances can run simultaneously, L2TPv3, L2TP over IPsec support
<b>Stunnel</b>	Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's code
<b>DMVPN</b>	Method of building scalable IPsec VPNs, Phase 2 and Phase 3 and Dual Hub support
<b>SSTP</b>	SSTP client instance support
<b>ZeroTier</b>	ZeroTier VPN client support
<b>WireGuard</b>	WireGuard VPN client and server support
<b>Tinc</b>	Tinc offers encryption, authentication and compression in it's tunnels. Client and server support.
<b>SYSTEM</b>	
<b>CPU</b>	ARM Cortex-A7 1.2 GHz
<b>RAM</b>	128 MB, DDR2
<b>FLASH storage</b>	512 MB, SPI Flash
<b>POWER</b>	
<b>Connector</b>	4-pin industrial DC power socket
<b>Input voltage range</b>	9 - 30 VDC, reverse polarity protection; surge protection >31 VDC 10us max
<b>Power consumption</b>	< 5 W

PHYSICAL INTERFACES	
<b>I/O's</b>	2 x Configurable I/O pins on 4 pin power connector
<b>Status LEDs</b>	3 x connection type status LEDs, 5 x connection strength LEDs, 1 x Power LED
<b>SIM</b>	1 x SIM slot (Mini SIM – 2FF), 1.8 V/3 V
<b>Power</b>	1 x 4-pin power connector
<b>Antennas</b>	1 x SMA for LTE
<b>RS485</b>	1 x 6-pin terminal block for 2-wire or 4-wire interface
<b>Reset</b>	Reboot/User default reset/Factory reset button
<b>USB</b>	1 x Virtual network interface via micro USB
PHYSICAL SPECIFICATION	
<b>Casing material</b>	Aluminium housing
<b>Dimensions (W x H x D)</b>	74.5 x 25 x 64.4 mm
<b>Mounting options</b>	DIN rail, wall mount, flat surface (all require additional kit)
<b>Operating temperature</b>	-40 °C to 75 °C
<b>Ingress Protection Rating</b>	IP30
<b>Operating humidity</b>	10% to 90% non-condensing

Standard Package Contains :

- TRB145 Gateway
- 9 W PSU
- 1x LTE antenna (magnetic mount, SMA male, 3 m cable)
- Micro-USB cable (0.8 m)
- 1x hex key
- RS485 connector
- QSG (Quick Start Guide)
- Packaging box

[Download Datasheet](#)

*\* Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat*

**URL :** <https://www.citraweb.com/produk/1307/>

**Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email [sales@citraweb.com](mailto:sales@citraweb.com)**