

# TRB245 TELTONIKA Industrial LTE Gateway



**Kode** : TRB245

**Brand** : Teltonika

**Jenis** : Router LTE

**Harga** : Rp 3.586.000,00

TRB245 is an industrial all-in-one M2M LTE Cat 4 gateway equipped with multiple inputs/outputs, RS232, RS485, and Ethernet interfaces, allowing for universal application in M2M solutions.

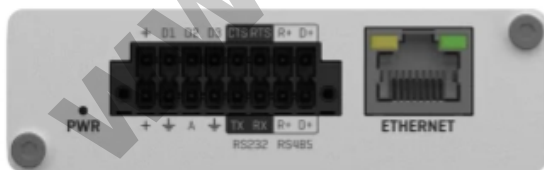
Penawaran Harga Spesial

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## Features :

- 4G/LTE (Cat 4), 3G, 2G
- Dual Sim with auto failover, backup WAN and other switching scenarios
- RS232/RS485 serial communication interfaces
- Multiple Inputs and Outputs for remote monitoring and control

**DUAL SIM (Auto Switch)** : 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail.



## Specification

|               |        |
|---------------|--------|
| <b>Model</b>  | TRB245 |
| <b>MOBILE</b> |        |

|   |  |
|---|--|
| <b>Mobile module</b>                      | 4G (LTE) - Cat 4 up to 150 Mbps, 3G - Up to 42 Mbps, 2G - Up to 236.8 kbps   |
| <b>SIM switch</b>                         | 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail, SIM idle protection               |
| <b>Status</b>                             | Signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, Bytes sent/received, connected band, IMSI, ICCID  |
| <b>SMS</b>                                | 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          |
| <b>USSD</b>                               | Supports sending and reading Unstructured Supplementary Service Data messages  |
| <b>Black/White list</b>                   | Operator black/white list  |
| <b>Multiple PDN</b>                       | Possibility to use different PDNs for multiple network access and services   |
| <b>Band management</b>                    | Band lock, Used band status display  |
| <b>APN</b>                                | Auto APN   |
| <b>Bridge</b>                             | Direct connection (bridge) between mobile ISP and device on LAN  |
| <b>Passthrough</b>                        | Router assigns its mobile WAN IP address to another device on LAN  |
| <b>ETHERNET</b>                           |  |
| <b>LAN</b>                                | 1 x LAN port 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX   |
| <b>NETWORK</b>                            |  |
| <b>Routing</b>                            | Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing   |
| <b>Network protocols</b>                  | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SFTP, FTP, SMTP, SSL/TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SMNP, MQTT, Wake On Lan (WOL) |
| <b>VoIP passthrough support</b>           | H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets  |
| <b>Connection monitoring</b>              | Ping Reboot, Wget Reboot, Periodic Reboot, LCP and ICMP for link inspection  |
| <b>Firewall</b>                           | Port forward, traffic rules, custom rules  |
| <b>DHCP</b>                               | Static and dynamic IP allocation, DHCP Relay   |
| <b>QoS / Smart Queue Management (SQM)</b> | Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e  |
| <b>DDNS</b>                               | 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>Load balancing</b>                     | Balance Internet traffic over multiple WAN connections   |
| <b>SSHFS</b>                              | Possibility to mount remote file system via SSH protocol   |

|                            |   |
|----------------------------|---|
| <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>               | 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  |
| <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>                 | Qualcomm QCA9531, MIPS 24kc, 650 MHz  |
| <b>RAM</b>                 | 64 MB, DDR2   |
| <b>FLASH storage</b>       | 16 MB, SPI Flash  |
| <b>POWER</b>               |   |
| <b>Connector</b>           | 2 pins in 16-pin industrial terminal block  |
| <b>Input voltage range</b> | 9 - 30 VDC, reverse polarity protection, surge protection +/-1 kV 50 us max   |
| <b>Power consumption</b>   | Idle: < 1.2 W, Max: < 5 W   |
| <b>PHYSICAL INTERFACES</b> |   |
| <b>Ethernet</b>            | 1 x RJ45 ports, 10/100 Mbps   |

|                                  |  |
|----------------------------------|--|
| <b>I/O's</b>                     | 3 x Configurable I/O, 1 x Analog input in 16 pin terminal block                                  |
| <b>Status LEDs</b>               | 3 x connection status LEDs, 3 x connection strength LEDs, 1 x power LED, 1 x Eth port status LED |
| <b>SIM</b>                       | 2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, double stacked SIM tray                               |
| <b>Power</b>                     | 1 x 16-pin terminal block  |
| <b>Antennas</b>                  | 1 x SMA connector for LTE, 1 x SMA connector for GNSS  |
| <b>RS232</b>                     | 4 pins in 16-pin terminal block (TX, RX, RTS, CTS)   |
| <b>RS485</b>                     | 4 pins in 16-pin terminal block (D+, D-, R+, R-)   |
| <b>Reset</b>                     | Reboot/User default reset/Factory reset button   |
| <b>PHYSICAL SPECIFICATION</b>    |  |
| <b>Casing material</b>           | Aluminium housing  |
| <b>Dimensions (W x H x D)</b>    | 83 x 25 x 74.2 mm  |
| <b>Mounting options</b>          | DIN rail (can be mounted on two sides), flat surface placement                                   |
| <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 :

- Router TRB245
- 9 W PSU
- 1 x LTE antenna (swivel, SMA male)
- 1x GNSS antenna (adhesive, SMA male, 3 m cable)
- 16 pin terminal block
- 1 x hex key
- Ethernet cable (1.5 m)
- QSG (Quick Start Guide)
- RMS Flyer
- Packaging box

[Download Datasheet](#)

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

**URL :** <https://www.citraweb.com/produk/1060/>

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