

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.

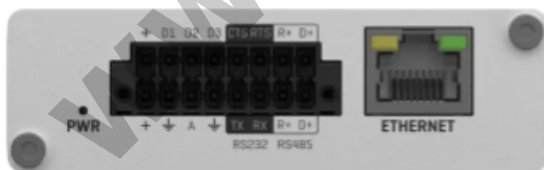
Penawaran Harga Spesial

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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

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| Model | TRB245 |
| MOBILE | |

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| Mobile module | 4G (LTE) - Cat 4 up to 150 Mbps, 3G - Up to 42 Mbps, 2G - Up to 236.8 kbps |
| SIM switch | 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail, SIM idle protection |
| Status | Signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, Bytes sent/received, connected band, IMSI, ICCID |
| 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 |
| Multiple PDN | Possibility to use different PDNs for multiple network access and services |
| Band management | Band lock, Used band status display |
| APN | Auto APN |
| Bridge | Direct connection (bridge) between mobile ISP and device on LAN |
| Passthrough | Router assigns its mobile WAN IP address to another device on LAN |
| ETHERNET | |
| LAN | 1 x LAN port 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX |
| NETWORK | |
| Routing | Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing |
| Network protocols | 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) |
| 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 |
| DHCP | Static and dynamic IP allocation, DHCP Relay |
| 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 |
| Network backup | Mobile, VRRP, Wired options, each of which can be used as an automatic Failover |
| Load balancing | Balance Internet traffic over multiple WAN connections |
| SSHFS | Possibility to mount remote file system via SSH protocol |

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| VPN | |
| OpenVPN | Multiple clients and a server can run simultaneously, 27 encryption methods |
| OpenVPN Encryption | 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 |
| IPsec | IKEv1, IKEv2, with 14 encryption methods for IPsec (3DES, DES, AES128, AES192, AES256, AES128GCM8, AES192GCM8, AES256GCM8, AES128GCM12, AES192GCM12, AES256GCM12, AES128GCM16, AES192GCM16, AES256GCM16) |
| GRE | GRE tunnel, GRE tunnel over IPsec support |
| PPTP, L2TP | Client/Server instances can run simultaneously, L2TPv3, L2TP over IPsec support |
| Stunnel | Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's code |
| DMVPN | Method of building scalable IPsec VPNs |
| SSTP | SSTP client instance support |
| ZeroTier | ZeroTier VPN client support |
| WireGuard | WireGuard VPN client and server support |
| Tinc | Tinc offers encryption, authentication and compression in it's tunnels. Client and server support. |
| SYSTEM | |
| CPU | Qualcomm QCA9531, MIPS 24kc, 650 MHz |
| RAM | 64 MB, DDR2 |
| FLASH storage | 16 MB, SPI Flash |
| POWER | |
| Connector | 2 pins in 16-pin industrial terminal block |
| Input voltage range | 9 - 30 VDC, reverse polarity protection, surge protection +/-1 kV 50 us max |
| Power consumption | Idle: < 1.2 W, Max: < 5 W |
| PHYSICAL INTERFACES | |
| Ethernet | 1 x RJ45 ports, 10/100 Mbps |

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| I/O's | 3 x Configurable I/O, 1 x Analog input in 16 pin terminal block |
| Status LEDs | 3 x connection status LEDs, 3 x connection strength LEDs, 1 x power LED, 1 x Eth port status LED |
| SIM | 2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, double stacked SIM tray |
| Power | 1 x 16-pin terminal block |
| Antennas | 1 x SMA connector for LTE, 1 x SMA connector for GNSS |
| RS232 | 4 pins in 16-pin terminal block (TX, RX, RTS, CTS) |
| RS485 | 4 pins in 16-pin terminal block (D+, D-, R+, R-) |
| Reset | Reboot/User default reset/Factory reset button |
| PHYSICAL SPECIFICATION | |
| Casing material | Aluminium housing |
| Dimensions (W x H x D) | 83 x 25 x 74.2 mm |
| Mounting options | DIN rail (can be mounted on two sides), flat surface placement |
| Operating temperature | -40 °C to 75 °C |
| Ingress Protection Rating | IP30 |
| Operating humidity | 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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