

RUTX08

INDUSTRIAL ETHERNET ROUTER



RUTX08 360° VIEW



GIGABIT ETH

4 x Gigabit Ethernet ports with up to 128 port/tag-based VLANs supported

9-50 V

This router supports a wide range of power supply voltage for versatile integration

PROTOCOLS

Firewall and numerous VPN services including OpenVPN, IPsec, PPTP, L2TP & DMVPN

RMS

Compatible with Teltonika Remote Management System

SECURITY

Multiple protocols supported including MQTT, Modbus TCP, BGP, GRE

I/O & USB

Digital Input / Output for remote monitoring and control and USB 2.0 interface

RUTX08

PRODUCT DESCRIPTION

// RUTX08 is a durable and powerful Ethernet-to-Ethernet industrial VPN router that runs on RutOS - an advanced OpenWRT based operating system.

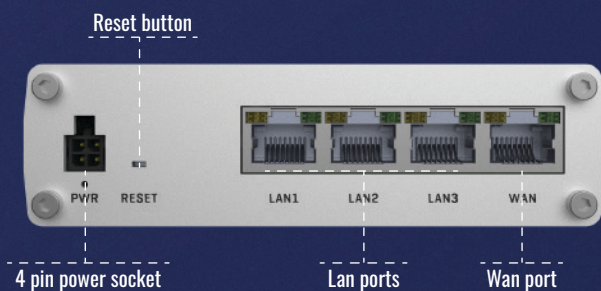
// It has four Gigabit Ethernet ports with speeds up to 1000 Mbps.

// A rugged aluminum housing and industrial networking protocol support make RUTX08 a perfect choice for professional applications.

// These powerful specifications combined with RutOS software features, such as multiple supported VPN services, advanced Firewall, and Remote Management System (RMS) make this device a superb performer, where no cellular or Wi-Fi connectivity is required.



FRONT VIEW



BACK VIEW



KEY FEATURES

HARDWARE

| | |
|------------------------|--|
| CPU | Qualcomm, 4 x ARM Cortex A7, 717 MHz |
| Memory | 256 MBytes Flash, 256 MBytes RAM |
| Powering option | 4pin power socket, 9-50 VDC |
| Ethernet | 4 x 10/100/1000 Ethernet ports: 1 x WAN (configurable as LAN), 3 x LAN |
| Inputs/Outputs | On 4pin socket: 1 x Digital input, 1 x Digital open collector output |
| Other | 1 x USB Host |
| Status LEDs | 8 x Ethernet, 1 x Power |
| Operating temperature | -40 °C to 75 °C |
| Housing | Aluminium housing with DIN rail mounting option and grounding capability |
| Dimensions (W x H x D) | 115 x 32 x 95 mm |
| Weight | 345 g |

SOFTWARE

| | |
|---------------------------|---|
| Operating system | RutOS (OpenWrt based Linux OS) |
| Network protocols | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet |
| Routing | Static routes, Dynamic routes (BGP, OSPFv2, RIPv1/v2, EIGRP, NHRP), Routing rules |
| 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, Stunnel, DMVPN, SSTP, WireGuard, ZeroTier |
| Monitoring and management | WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS |
| Cloud solutions | RMS, FOTA, Telenor, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx |
| Services | DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Network shares (Samba), Traffic Logging |
| Administration | Multi user, Configuration profiles, Diagnostics, logs, Configuration backup |

RMS

RMS | REMOTE MANAGEMENT SYSTEM
COMPATIBLE WITH RUTX08
 MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA



SOCIAL

