FLYER // RUTX08

RUTX08 360° VIEW

RUTX08

INDUSTRIAL ETHERNET ROUTER

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.

GIGABIT ETH

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

VPN

Numerous VPN Protocols supported, including OpenVPN, IPsec, PPTP, L2TP & DMVPN

PROTOCOLS

Compatible with industrial DNP3 & Modbus communication protocols

RMS

For remote management, access & VPN services

RMS | REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUTX08

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

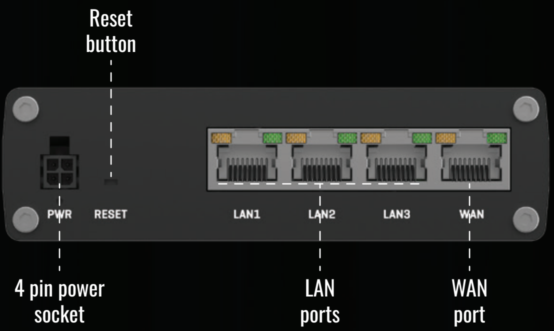
HARDWARE

CPU	Qualcomm, 4 x ARM Cortex A7, 717 MHz
Storage	256 MB Flash
Memory	256 MB 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 32.2 x 95.2 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, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Cloud solutions	RMS, FOTA, 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

FRONT VIEW



BACK VIEW