TELTONIKA | Networks

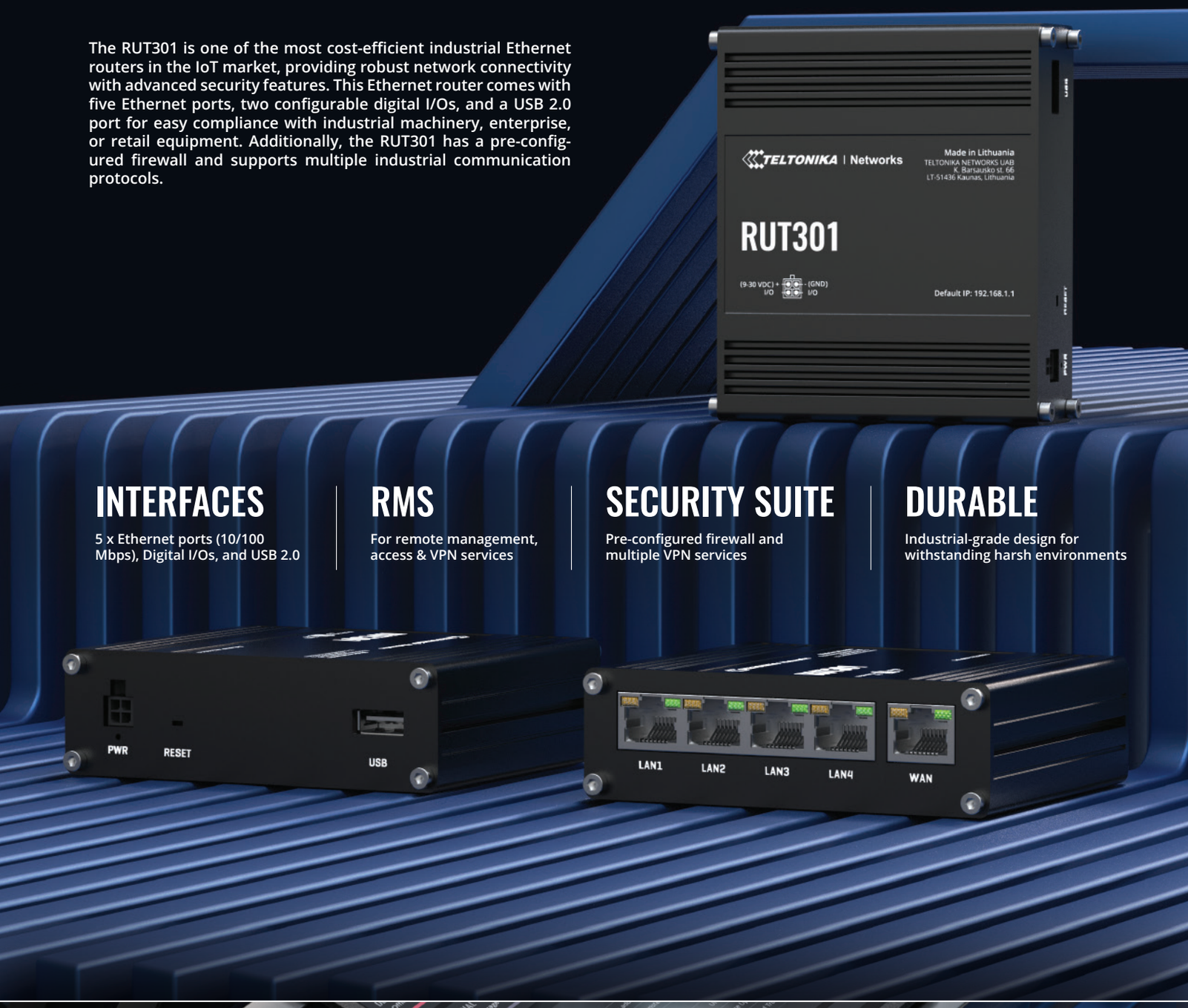
FLYER // RUT301

RUT301

ETHERNET ROUTER

RUT301 360° VIEW

The RUT301 is one of the most cost-efficient industrial Ethernet routers in the IoT market, providing robust network connectivity with advanced security features. This Ethernet router comes with five Ethernet ports, two configurable digital I/Os, and a USB 2.0 port for easy compliance with industrial machinery, enterprise, or retail equipment. Additionally, the RUT301 has a pre-configured firewall and supports multiple industrial communication protocols.



INTERFACES

5 x Ethernet ports (10/100 Mbps), Digital I/Os, and USB 2.0

RMS

For remote management, access & VPN services

SECURITY SUITE

Pre-configured firewall and multiple VPN services

DURABLE

Industrial-grade design for withstanding harsh environments

RMS | REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUT301

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

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KEY FEATURES

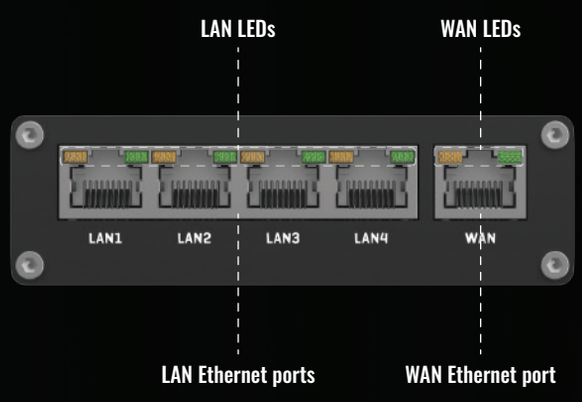
HARDWARE

CPU	Mediatek, 580 Mhz, MIPS 24KEc
RAM	128MB, DDR2
FLASH storage	16MB serial NOR flash
Powering options	4-pin industrial DC power socket, 9 - 30 VDC
Ethernet	5 x RJ45 ports, 10/100Mbps
Inputs/Outputs	2 x Digital Input, 2 x Digital Output on 4-pin power connector
Other	1 x USB host
Status LEDs	1 x WAN type LED, 4 x LAN status LEDs, 1 x Power LED
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing
Dimensions (W x H x D)	100 x 30 x 85 mm
Weight	233 g

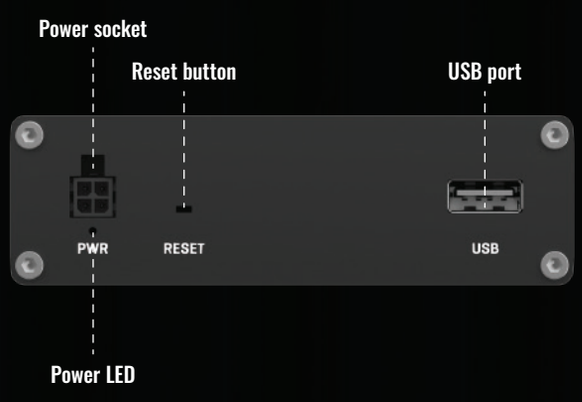
SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
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)
Routing	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing
Firewall	Port forward, Traffic rules, Custom rules, Pre-configured firewall rules, DMZ, NAT, NAT-T, NAT helpers, Unlimited firewall configuration via CLI
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, Tailscale
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
Services	DDNS, Wake On Lan (WOL), WEB filter, UPNP, Network shares (Samba)
Administration	Update FW from file, check FW on server, configuration profiles, configuration backup

FRONT VIEW



BACK VIEW



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