RUTM10

WIRED WI-FI ROUTER

The RUTM10 is a wired router featuring four Gigabit RJ45 ports and Wi-Fi 5 connectivity options, making it ideal for applications that require both wired connections and a wireless access option for Internet access. The RUTM10 can establish a Wi-Fi mesh network within your networking solutions, enabling a smoother and more robust wireless network experience while making it highly secure due to the router's support of VPNs like OpenVPN, IPsec, Wireguard, and Tailscale.

RUTM09 360° VIEW

INTERFACES

4 x Gigabit RJ45 ports with up to 128 tag/port-based VLANs supported

WI-FI 5

Dual-band Wi-Fi with mesh and fast-roaming functionalities

VPN

Numerous VPN Protocols supported, including OpenVPN, IPsec, and Tailscale

M2M PROTOCOLS

Multiple industrial protocols supported, including MQTT, Modbus, DNP3, DLMS

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUTM10

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

CPU	MediaTek MT7621A, Dual-Core, 880 MHz, MIPS1004Kc
Storage	16MB serial NOR flash, 256MB serial NAND flash
Memory	256MB, DDR3
Powering options	4-pin industrial DC power socket, 9 – 50 VDC
Antenna connectors	2 x RP-SMA for Wi-Fi
Ethernet	4 x RJ45 ports, 10/100/1000 Mbps
Wi-Fi	802.11b/g/n/ac Wave 2 (Wi-Fi 5) with data transmission rates up to 867 Mbps (Dual Band, MU-MIMO), 802.11r fast transition, Access Point (AP), Station (STA)
Inputs/Outputs	1 x Digital Input, 0 - 6 V detected as logic low, 8 - 50 V detected as logic high1 x Digital Output, Open collector output, max output 50 V, 300 mA
Other	1 x USB host
Grounding	1 x Grounding screw
Status LEDs	2 x WAN type LEDs, 6 x LAN status, 1 x Power LED, 2 x 2.4G and 5G Wi-Fi LEDs
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	115 x 32.2 x 95.2 mm
Weight	359 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
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
Hotspot	Captive portal (hotspot), internal/external Radius server, Radius MAC authentication, SMS authorisation, internal/external landing page, walled garden, user scripts, URL parameters, user groups, individual user or group limitations, user management, 9 default customisable themes and optionality to upload and download customised hotspot themes
Services	DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Network shares (Samba), Traffic Logging

FRONT VIEW

Reset button

4 pin power socket — PWR — RESET — WiFi 2.4 5 — LAN1 — LAN2 — LAN3 — WAN

LAN ports

WAN port

BACK VIEW

Wifi antenna connectors

Wifi antenna connector

WiFi — Grounding screw — WiFi — USB

Grounding screw

USB connector