

RUT206

INDUSTRIAL 4G ROUTER



RUT206 360° VIEW

The RUT206 is a compact industrial router that supports RS232 and RS485 serial interfaces, along with both active and passive PoE inputs. Its rugged design, 2-pin power input, and expandable data storage via a microSD slot make it an ideal choice for a range of IoT and M2M applications. This 4G Cat 4 router comes with RutOS open-source software and supports key industrial protocols like Modbus, DNP3 and DLMS.



CONNECTIVITY

4G Cat 4, 3G, 2G

SERIAL INTERFACES

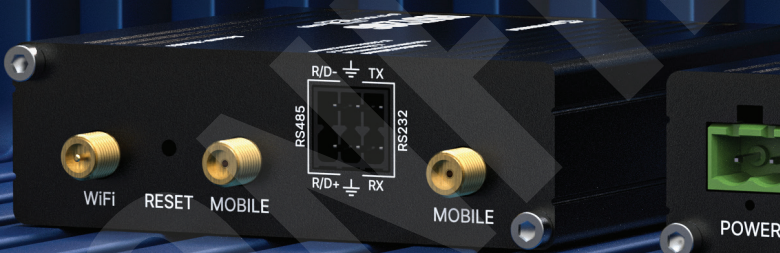
RS232 & RS485 for serial communication

2-PIN POWER INPUT

Simple and suitable for industrial applications

PoE

Active and Passive PoE inputs



RMS

REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUT206

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

KEY FEATURES

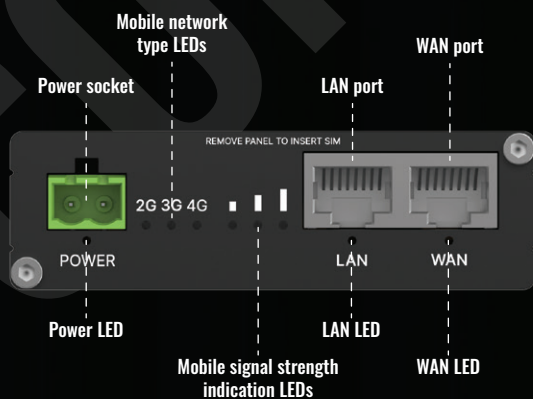
HARDWARE

Mobile	4G LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps; 2G up to 236.8 DL/236.8 UL kbps
CPU	Mediatek, 580 MHz, MIPS 24KEc
RAM	128 MB, DDR2
Storage	16 MB serial NOR flash
Powering options	2-pin industrial DC power socket, 9 - 57 VDC; Active PoE In: 802.3af Class 0 (12.94 W) on LAN port; Passive PoE In: over spare pairs 4,5 (+) / 7,8 (-) on LAN port, 16 - 57 VDC
SIM	2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holders
Antenna connectors	2 x SMA for Mobile, 1 x RP-SMA for Wi-Fi
Ethernet	2 x RJ45 ports, 10/100 Mbps: 1 x WAN (configurable as LAN), 1 x LAN
Wi-Fi	802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA)
Serial	RS232, RS485
Status LEDs	3 x Connection type status LEDs, 3 x Connection strength LEDs, 2 x LAN status LEDs, 1 x Power LED
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	83 x 25 x 83 mm
Weight	132 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	SIM switch, Status, SMS, USSD, Black/White list, Multiple PDN, Band management, SIM idle protection service, SIM PIN code management, APN, Bridge, Passthrough
Network features	DHCP, QoS / Smart Queue Management (SQM), DNS over HTTPS, DDNS, Network backup, Load balancing, SSHFS, Traffic Management
Security	Authentication, Firewall, Attack prevention, VLAN, Mobile quota control, WEB filter, Access control, SSL certificate generation
VPN and tunneling	OpenVPN, OpenVPN Encryption, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc
Monitoring and Management	WEB UI, FOTA, SSH, SMS, Call, Email, TR-069, MQTT, SNMP, JSON-RPC, RMS
Cloud solutions	RMS, ThingWorx, Cumulocity - Cloud of Things, Azure IoT Hub
Services	BacNET, OPC UA, Modbus, Data to Server, Modbus MQTT GATEWAY, DNP3, DLMS, RMS API

FRONT VIEW



BACK VIEW

