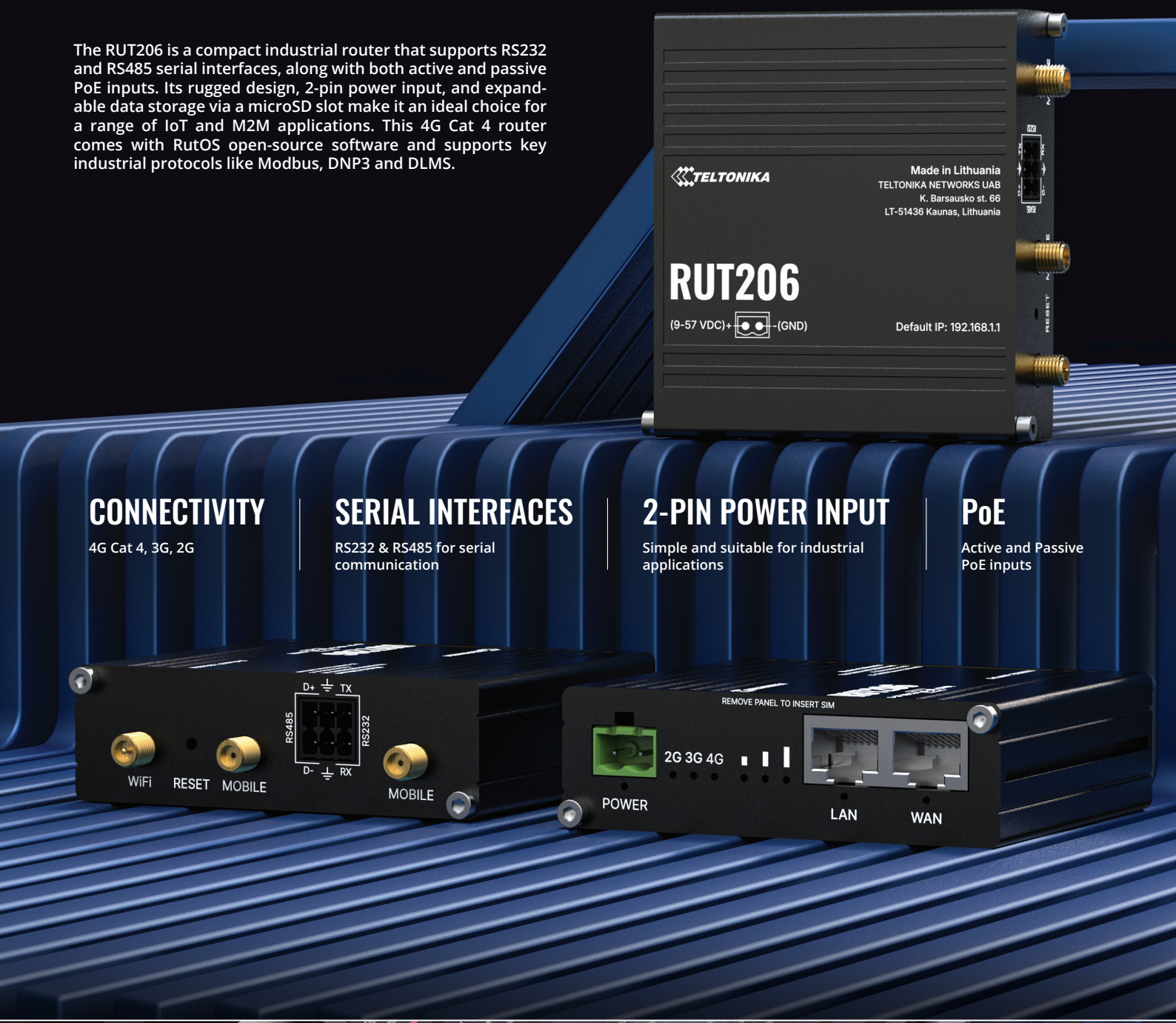
RUT206

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

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KEY FEATURES

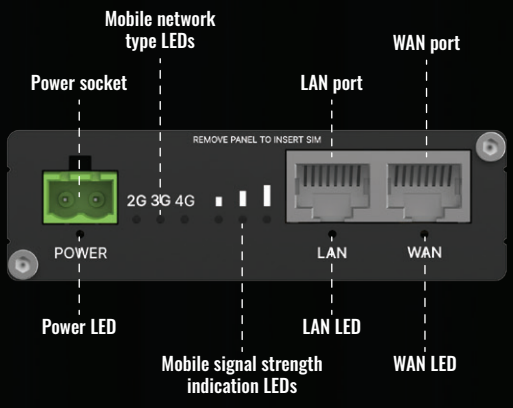
HARDWARE

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	32 MB, SPI 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, double stacked SIM tray
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	1 x 6-pin terminal block (RS232, RS485)
SD card (capacity)	Up to 2 TB
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

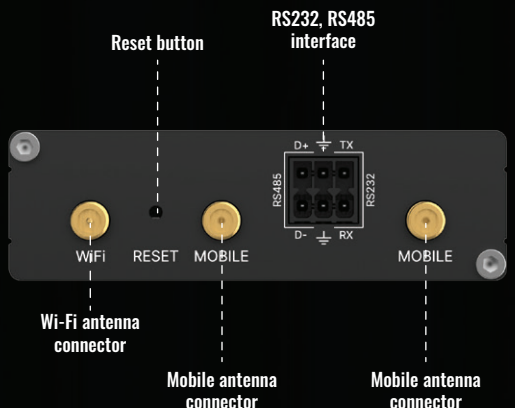
SOFTWARE

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
Wireless features	Wi-Fi security, SSID/ESSID, Wi-Fi users, Wireless Connectivity Features, Wireless MAC filter, Wireless QR code generator, TravelMate
Network features	VoIP passthrough support, Connection monitoring, Firewall, Firewall status page, Ports management, Network topology, Hotspot, 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, 802.1x
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, AWS IoT Core
Services	BacNET, OPC UA, Modbus, Data to Server, Modbus MQTT GATEWAY, DNP3, DLMS, RMS API

FRONT VIEW



BACK VIEW



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