

RUTX14



RUTX14 360° VIEW

4G LTE CAT12 INDUSTRIAL CELLULAR ROUTER

// RUTX14 is the fastest single modem LTE router in our portfolio.

// 5 x Gigabit Ethernet ports, Wave-2 802.11ac Dual-Band Wi-Fi, Bluetooth LE, USB interfaces, dual SIM for advanced throughput and ultra-reliable connectivity.

// Equipped with advanced security features like multiple VPN's, firewall & cyber attack prevention.

// Combination of fast LTE CAT12 connectivity, wide range of physical interfaces, extensive RutOS functionality and great remote management capabilities make this device an excellent choice for primary or backup connectivity.



4G LTE CAT12

Incredible download & upload speeds with carrier aggregation (up to 600 Mbps / 150 Mbps respectively)

DUAL SIM

With auto failover, backup WAN and other switching scenarios

WI-FI & BT

Wave-2 802.11ac Dual Band WIFI and Bluetooth LE

GIGABIT ETH

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



RMS COMPATIBLE WITH RUTX14

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

REMOTE MANAGEMENT SYSTEM

KEY FEATURES

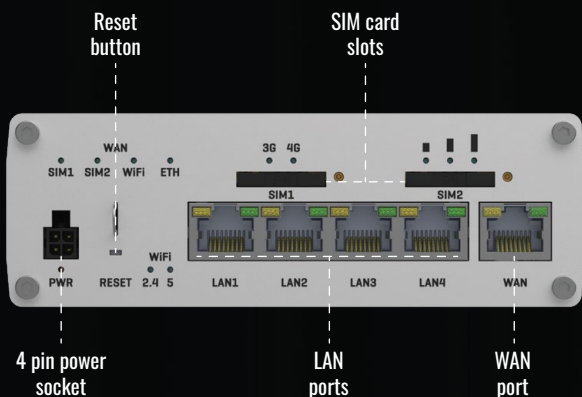
HARDWARE

Mobile	4G/LTE (Cat 12)
CPU	Qualcomm, 4 x ARM Cortex A7, 717 MHz
Storage	256 MB Flash
Memory	256 MB RAM
Powering option	4 pin power socket, 9-50 VDC
SIM	2 x External SIM holders (2FF)
Antenna connectors	4 x SMA for mobile, 2 x RP-SMA for WiFi, 1 x RP-SMA for Bluetooth, 1 x SMA for GPS
Ethernet	5 x 10/100/1000 Ethernet ports: 1 x WAN (configurable as LAN), 4 x LAN
WiFi	IEEE 802.11b/g/n 2.4GHz, IEEE 802.11n/ac 5GHz, Access point (AP), Station (STA)
GNSS	GPS, GLONASS, BeiDou, Galileo, QZSS
Connectors	1 x 4 pin DC, 5 x Ethernet, 4 x SMA for LTE, 2 x WiFi RP-SMA, 1 x SMA for GNSS, 1 x RP-SMA for Bluetooth
Bluetooth	4.0 (Low energy)
Inputs/Outputs	On 4 pin socket: 1 x Digital input, 1 x Digital open collector output
Other	1 x USB host, 1 x Grounding screw
Status LEDs	4 x WAN type, 2 x Connection type, 3 x Signal strength, 2 x WiFi, 10 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)	132 x 44.2 x 95.1 mm
Weight	515 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Multiple PDN, Auto APN, Band lock, SIM switch, Operator black/white list, Data/SMS limits
Network	Failover (Network backup), VLAN, QoS, Load Balancing
Routing	Static routes, Dynamic routes (BGP, OSPFv2, RIPv1/v2, EIGRP, NHRP), Routing rules
Monitoring and Management	WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Cloud solutions	RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
Hotspot	External/Internal Radius, SMS OTP, MAC authentication, Walled Garden
Supported Hotspot platforms	IronWiFi, HotspotSystem, Cloud4Wi, SAI + WiFi, MugiCloud, Purple.ai

FRONT VIEW



BACK VIEW

