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Teltonika RUTX09 3G-4G CAT-6 Router with GPS

SKU: M2M-TE-00007
MPN: RUTX09
Barcode: 4779027312460

Description

This powerful LTE router is designed as a Main/Backup Internet source where steady connection and high data throughput is required. Equipped with Dual-SIM and 4 x Gigabit Ethernet ports. RUTX09 has all advanced RutOS software and security features.

RUTX09 is an ideal platform for small site deployments requiring a simple but powerful LTE gateway connected into an existing IT system. This device intentionally doesn't provide a WiFi network, stripping back its feature-set to focus its hardware on providing high speed Cat 6 (300 Mbps) LTE-Advanced internet connectivity.

The modem has a built in GNSS / GPS module, allowing customised tracking to be installed on the modem, along with management through Teltonika's RMS dashboard system.

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Based on OpenWRT, this device consists of a durable SBC with an integrated Quectel EP06-E Cat 6 LTE-Advanced chipset, with a fully open source and customisable Linux OS. Using only a portion of its 256 MB flash memory allows additional daemons and custom services to be run to meet your specific application.

This is one of the few LTE-Advanced modems on the Australian market, which fully supports 2CA across all three Australian network operators.

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Teltonika

In 21 years we have launched to mass production over 100 different devices in IoT, Networking, Connected vehicles, Asset and personal Tracking areas. That makes over 8.600.000 million devices sold worldwide in over 150 different countries. Although these numbers are impressive, Teltonika is more than that – we are about innovating, inspiring, connecting, educating and reliable partnership.

By ...

Network Interfaces

Wireless Interfaces

Cellular Module

Technologies:	3G UMTS, 4G LTE	Chipset/Module:	Quectel EP06
Failover:	Automatic		

4G LTE Specifications

MIMO:	2x2 MIMO	DL Category:	Cat 6
LTE Bands:	B1 , B3 , B5 , B7 , B8 , B20 , B28 , B32 , B38 , B40 , B41	UL Category:	Cat 5
		Carrier Aggregation:	2C CA

SIM Cards

Quantity	SIM Type
2	Standard SIM (2FF)

Modem RF Connectors

RF Connector Function	Quantity	RF Interface
Cellular	2	SMA Female

GNSS Module

Technologies:	BeiDou, Galileo, GLONASS, GPS, QZSS

Device RF Interface

RF Connector Function	Quantity	RF Interface
GNSS	1	SMA Female

Ethernet Interfaces

Interface	Quantity	Function	Signalling
RJ45 Copper	3	LAN	100BASE-T, 1000BASE-T
RJ45 Copper	1	WAN/LAN	100BASE-T, 1000BASE-T

Physical Specification

Subtype:	Cellular Modem	Dimensions:	115 × 95 × 44 mm
Min. Operating Temperature:	-40 °C	Weight:	455 g
Max. Operating Temperature:	75 °C	Materials:	Aluminium
		Mounting:	Teltonika Modem Screw Pattern
		Compliance/Certifications:	CE , RCM , RoHS

IO Interfaces

IO Connector	Quantity
USB-A 2.0	1
GPIO 4-Pin	1

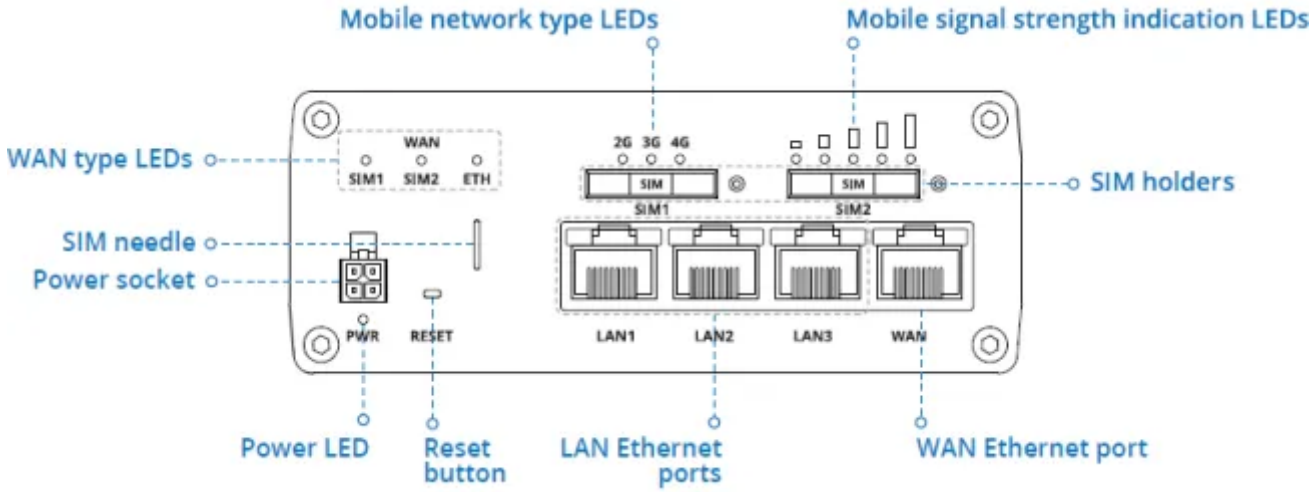
Power Specifications

Max. Consumption:	9 W
Power Options:	DC Power Input Power over Ethernet

Power Interface

Power Connector	Min. Input Voltage	Max. Input Voltage	Voltage Type
Terminal Block, 4-Position	9 V	50 V	DC

Drawing


Mobile network type LEDs
Mobile signal strength indication LEDs
WAN type LEDs
SIM holders
SIM needle
Power socket
WAN
SIM1
SIM2
ETH
2G 3G 4G
SIM
SIM1
SIM
SIM2
PWR
RESET
LAN1
LAN2
LAN3
WAN
Power LED
Reset button
LAN Ethernet ports
WAN Ethernet port

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