

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 | UL Category: | Cat 5 |
| B3 | | Carrier Aggregation: | 2C CA |
| , | | | |
| B5 | | | |
| , | | | |
| B7 | | | |
| , | | | |
| B8 | | | |
| , | | | |
| B20 | | | |
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| B28 | | | |
| , | | | |
| B32 | | | |
| , | | | |
| B38 | | | |
| , | | | |
| B40 | | | |
| , | | | |
| B41 | | | |

| 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 |

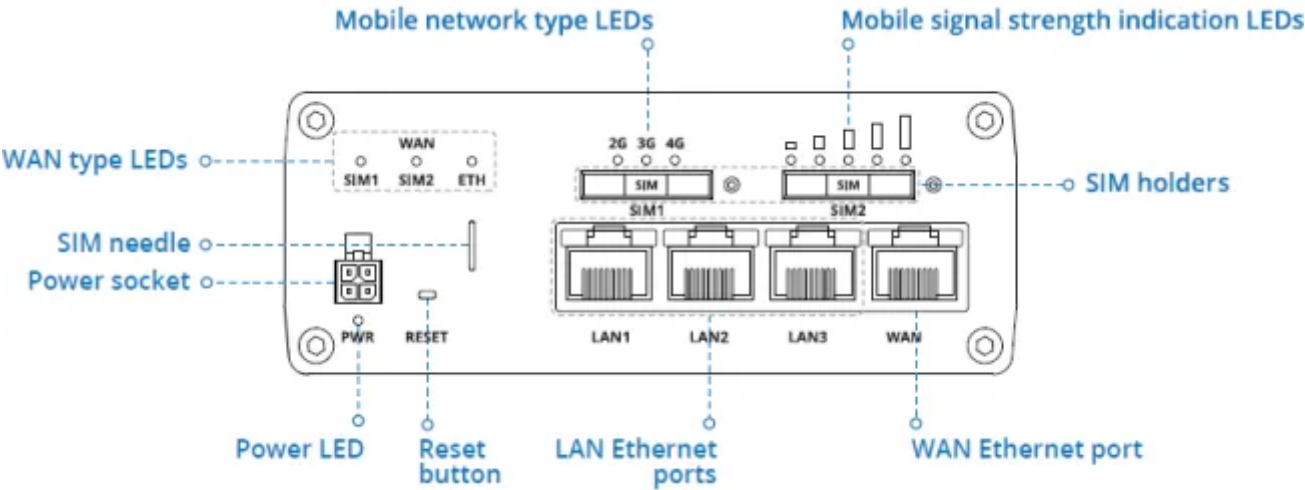
Power Specifications

| | |
|-------------------|---------------------------------------|
| 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



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