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Teltonika RUTX11 3G-4G CAT-6 Router with WiFi / GPS / Bluetooth

SKU
M2M-TE-00009
MPN
RUTX11
Barcode
4779027312378

Description

This powerful 4G LTE router is designed as a primary or backup internet source where steady connectivity and high data throughput is required. RUTX11 is an LTE-Advanced modem providing Cat 6 data rates up to 300 Mb/s via 2C CA.

RUTX11 provides high speed local WiFi connectivity, operating as a Wave-2 802.11ac Dual Band WiFi access point with speeds up to 867 Mbps. The modem also supports Bluetooth LE for simplified industrial IO.

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. Equipped with Dual-SIM and 4 x Gigabit Ethernet ports. RUTX11 has all advanced RutOS software and security features.

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This device is developed from a beefed up Quad Core ARM Cortex A7 717 MHz CPU and 256 MBytes DDR3 RAM SBC with an integrated Quectel EP06-E Cat 6 LTE-Advanced chipset, with a fully open source and customisable OpenWRT 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.

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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
Failover
Automatic
Chipset/Module
Quectel EP06

4G LTE Specifications

MIMO
2x2 MIMO
LTE Bands
B1
,
B3
,
B5
,
B7
,
B8
,
B20
,
B28
,
B32
,
B38
,
B40
,
B41
DL Category
Cat 6
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

Bluetooth Interface

Protocol

Bluetooth 4.0

Device RF Interface

RF Connector Function	Quantity	RF Interface
Bluetooth	1	RP-SMA Female

GNSS Module

Technologies

GPS

Device RF Interface

RF Connector Function	Quantity	RF Interface
GNSS	1	SMA Female

WiFi Module

No. Radios

2

Max. Throughput

867 Mb/s

Max. Clients

100

No. Antennas

2

WiFi Radios

Radio Name (Optional)	WiFi Standard	Frequency Bands	MIMO	Transmit Power
Radio A	802.11n	2.4 GHz	2x2 MIMO	10 dBm
Radio B	802.11ac Wave 2	5 GHz	2x2 MIMO	10 dBm

WiFi RF Connectors

RF Connector Function	Quantity	RF Interface	Notes
WiFi	2	SMA Female	Both Radio A and Radio B

Ethernet Interfaces

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

Physical Specification

Subtype
Cellular Modem
Min. Operating Temperature
-40 °C
Max. Operating Temperature
75 °C
Dimensions
115 × 95 × 44 mm
Weight
456 g
Materials
Aluminium
Mounting
Teltonika Modem Screw Pattern
Compliance/Certifications
RCM
IO Interfaces

IO Connector	Quantity
USB-A 2.0	1

Power Specifications
Power Interface

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

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