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# Teltonika RUT241 Compact Industrial 4G Router

SKU
M2M-TE-00057
MPN
RUT241
Barcode
4779051840151

**Description**

RUT241 is a compact, cost-effective and secure industrial 4G/LTE WiFi router for professional applications. The mobile router delivers high performance for mission-critical cellular communication in harsh and hazardous environments where a wide operating temperature is required.

Equipped with an external SIM holder, digital input/output and signal strength status LEDs, it ensures easy network deployment and management. External SMA connectors make it possible to attach desired antennas and easily find the best signal location.

RUT240 Industrial LTE router supports industry leading security features and is widely used for 4G backup, Remote Connection, Out-of-Band Management, Advanced VPN and tunneling services in IoT networking solutions.

Read More



**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
4G LTE
Failover
Automatic

**4G LTE Specifications**

MIMO
2x2 MIMO
LTE Bands
B1
,
B3
,
B5
,
B7

,
B8
,
B28
,
B40
DL Category
Cat 4
SIM Cards

| Quantity | SIM Type |
|---|---|
| 1 | Standard SIM (2FF) |

Modem RF Connectors

| RF Connector Function | Quantity | RF Interface |
|---|---|---|
| Cellular | 2 | SMA Female |

WiFi Module
No. Radios
1
Max. Throughput
150 Mb/s
Max. Clients
50
No. Antennas
2
WiFi Radios

| Radio Name (Optional) | WiFi Standard | Frequency Bands | MIMO |
|---|---|---|---|
| Radio A | 802.11n | 2.4 GHz | 1x1 SISO |

WiFi RF Connectors

| RF Connector Function | Quantity | RF Interface |
|---|---|---|
| WiFi | 1 | RP-SMA Female |

Ethernet Interfaces

| Interface | Quantity | Function | Signalling | PoE Input |
|---|---|---|---|---|
| RJ45 Copper | 1 | LAN | 100BASE-T, 1000BASE-T | Passive PoE |
| RJ45 Copper | 1 | WAN/LAN | 100BASE-T, 1000BASE-T | |

# Physical Specification

Subtype
Router

Min. Operating Temperature
-40 °C
Max. Operating Temperature
75 °C
Ingress Protection
IP30
Dimensions
83 × 74 × 25 mm
Weight
125 g
Materials
Aluminium
Mounting
Teltonika Modem Screw Pattern
Compliance/Certifications
CE
,
R-NZ
,
RCM
,
RoHS
IO Interfaces

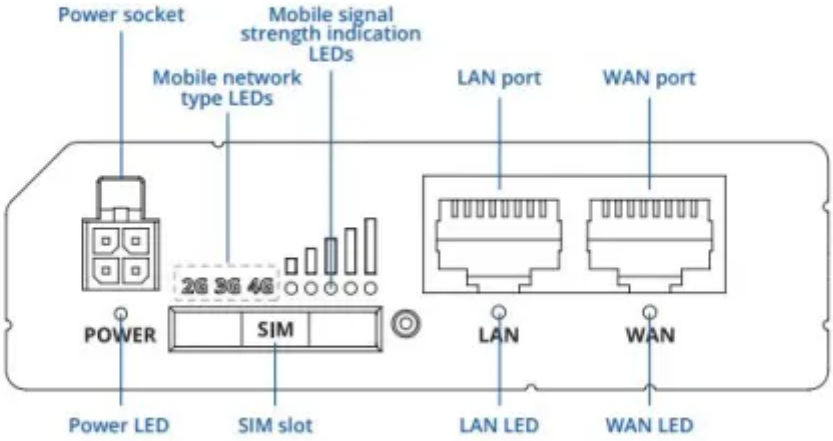
| IO Connector | Quantity |
|---|---|
| GPIO 4-Pin | 1 |

Power Specifications
Max. Consumption
6.5 W
Power Options
DC Power Input
Power over Ethernet
Power Interface

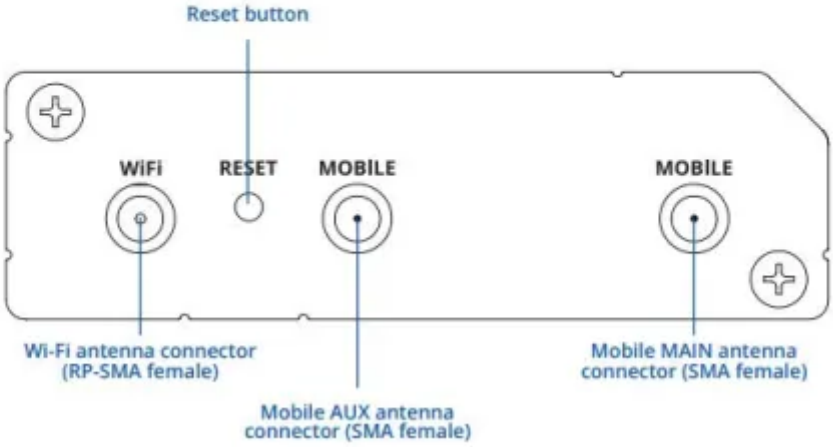
| Power Connector | Nominal Voltage | Min. Input Voltage | Max. Input Voltage | Voltage Type |
|---|---|---|---|---|
| Molex, 4-Pin Square Micro-Fit | 12 V | 9 V | 30 V | DC |

Drawing

FRONT VIEW




BACK VIEW




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