



# RUTX11

We proudly present our latest router RUTX11. It is the first device in our new High-end router family. Powerful CPU, Gigabit Ethernet, latest LTE Cat6 standard and 802.11ac Wave2 WiFi enables highest data transmission and computing speeds for today's standards. Together with additional hardware, function and quality-of-life improvements this router stands to be an exquisite entry point to our new RUTX family.

## HARDWARE SPECS

- LTE Cat6 with speeds up to 300 Mbps
- Dual Band 2.4 GHz and 5 GHz WiFi channels
- 802.11ac WiFi with speeds up to 867 Mbps
- 802.11n WiFi with speeds up to 300 Mbps
- 4 x 1Gbit Ethernet ports
- Quad Core ARM Cortex A7 717 MHz CPU
- 256 MBytes Flash
- 256 MBytes DDR3 RAM
- Blue-tooth v4.2 LE
- Low power/sleep mode, 10 mA @ 12 VDC
- 4 pin DC connector with 1 x digital input (ignition detection) and 1x digital output
- Grounding option
- 5 x Signal strength LEDs,
- 3 x connection type indication LEDs,
- 2 x WiFi band activity LEDs,
- 1 x Power LED,
- 4 x WAN connection indicator LEDs.
- 2 x WiFi RP-SMA connectors
- 2 x LTE SMA connectors
- 1 x Blue-tooth RP-SMA connector
- 1 x 2.0 USB
- 2 x external SIM holders
- 1 x SIM holder removal pin

## ELECTRICAL, MECHANICAL & ENVIRONMENTAL SPECS

- Input voltage: 9 - 50 VDC
- Operating temperature: -40 °C to 75 °C
- Storage temperature: -45 °C to 80 °C
- Operating humidity: 10 % to 90 % non-condensing
- Storage humidity: 5 % to 95 % non-condensing
- Dimensions: 115 mm x 95 mm x 44 mm
- Weight: TBD

\* All product specifications are subject to change without notice.

# CELLULAR SPECIFICATIONS

LTE	LTE Cat6 up to 300Mbps DL LTE Cat6 up to 50Mbps UL
UMTS/DC-HSPA+	3G DC-HSPA+ up to 42Mbps DL 3G HSUPA up to 5.76Mbps UL

## SUPPORTED BANDS

Region (operator)	Frequency
Europe, the Middle East, Africa, Australia, Brazil	<ul style="list-style-type: none"><li>- LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32</li><li>- LTE-TDD: B38/B40/B41 2×CA: B1+B1/B5/B8/B20/B28;</li><li>- B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B32; B38+B38; B40+B40;</li><li>- B41+B41 (Note: B32 is only for secondary component carrier)</li><li>- WCDMA: B1/B3/B5/B8</li></ul>
North America	<ul style="list-style-type: none"><li>- LTE-FDD: B2/B4/B5/B7/B12/B13/B25/B26/B29/B30/B66 LTE-TDD: B41</li><li>- 2×CA: B2+B2/B5/B12/B13/B26/B29; B4+B4/B5/B12/B13/B26/B29;</li><li>- B7+B5/B7/B12/B13/B26/B29; B25+B5/B12/B13/B25/B26/B29;</li><li>- B30+B5/B12/B13/B26/B29; B66+B5/B12/B13/B26/B29/B66;</li><li>- B41+B41 (Note: B29 is only for secondary component carrier)</li><li>- WCDMA: B2/B4/B5</li></ul>
Latin America	<ul style="list-style-type: none"><li>- LTE-FDD: B2/B3/B4/B5/B7/B8/B20/B28</li><li>- 2×CA: B2+B2/B5/B8/B20/B28;</li><li>- B3+B3/B5/B7/B8/B20/B28;</li><li>- B4+B4/B5/B8/B20/B28;</li><li>- B7+B5/B7/B8/B20/B28</li><li>- WCDMA: B2/B3/B4/B5/B8</li></ul>
Asia-Pacific	<ul style="list-style-type: none"><li>- LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B21/B26</li><li>- LTE-TDD: B38/B39/B40/B41</li><li>- 2×CA: B1+B3/B8/B18/B19; B3+B5/B19;</li><li>- B7+B5/B7; B21+B19; B38+B38; B39+B39;</li><li>- B39+B41; B40+B40; B41+B41</li><li>- WCDMA: B1/B5/B6/B8/B9/B19</li><li>- TD-SCDMA: B39</li></ul>
Australia	<ul style="list-style-type: none"><li>- LTE-FDD: B3/B7/B28</li><li>- 2×CA: B3+B3/B7/B28; B7+B7/B28</li></ul>