



# RUTXR1

We are entering new market with RUTXR1 rack-mountable gateway. Feature-rich and well-known RutOS Operating system makes this router a strong and confident newcomer. Powerful CPU, Gigabit Ethernet, latest LTE Cat6 standard and 802.11ac Wave2 WiFi enables highest data transmission and computing speeds for today's standards. SFP port, Automatic Failover, dual power supply option, dedicated Console and RS232 ports make this router perfect internet gateway where fast and ultra-reliable connection is needed.

## 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
- Dual 4 pin DC connectors
- 5 Signal strength LEDs,  
3 connection type indication LEDs,  
2 x Power LEDs,  
4 x WAN connection indicator LEDs.
- 2 x WiFi RP-SMA connectors
- 4 x LTE SMA connectors
- 1 x 2.0 USB
- 2 x external SIM holders

## ADVANCED FEATURES

- 1 x RS232 interface
- 1 x console port
- 2 x industrial power sockets (for power supply reserve)
- SFP Port
- 19-inch rack-mountable (size 1U)

## 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: 260 mm x 124 mm x 45 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>