



RUTX21

RUTX21 is LTE router with the most external interfaces and Inputs/Outputs 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. Exceptional performance, high number of hardware connections and powerful Operating System makes this router perfect for complex industrial applications.

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
- 2 pin DC connector for alternative power supply
- Grounding option
- 5 Signal strength LEDs,
- 3 connection type indication LEDs,
- 2 x WiFi band activity LEDs,
- 4 x WAN connection indicator LEDs.
- 2 x WiFi RP-SMA connectors
- 4 x LTE SMA connectors
- 1 x Blue-tooth RP-SMA connector
- 1 x 2.0 USB
- 2 x external SIM holders

ADVANCED FEATURES

- 2 x RS232 interfaces
- 1 x RS485 interface
- 2 x industrial power sockets (for power supply reserve)
- Multiple configurable I/O's

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: 137 mm x 95 mm x 68 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">- LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32- LTE-TDD: B38/B40/B41 2×CA: B1+B1/B5/B8/B20/B28;- B3+B3/B5/B7/B8/B20/B28; B7+B5/B7/B8/B20/B28; B20+B32; B38+B38; B40+B40;- B41+B41 (Note: B32 is only for secondary component carrier)- WCDMA: B1/B3/B5/B8
North America	<ul style="list-style-type: none">- LTE-FDD: B2/B4/B5/B7/B12/B13/B25/B26/B29/B30/B66 LTE-TDD: B41- 2×CA: B2+B2/B5/B12/B13/B26/B29; B4+B4/B5/B12/B13/B26/B29;- B7+B5/B7/B12/B13/B26/B29; B25+B5/B12/B13/B25/B26/B29;- B30+B5/B12/B13/B26/B29; B66+B5/B12/B13/B26/B29/B66;- B41+B41 (Note: B29 is only for secondary component carrier)- WCDMA: B2/B4/B5
Latin America	<ul style="list-style-type: none">- LTE-FDD: B2/B3/B4/B5/B7/B8/B20/B28- 2×CA: B2+B2/B5/B8/B20/B28;- B3+B3/B5/B7/B8/B20/B28;- B4+B4/B5/B8/B20/B28;- B7+B5/B7/B8/B20/B28- WCDMA: B2/B3/B4/B5/B8
Asia-Pacific	<ul style="list-style-type: none">- LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B21/B26- LTE-TDD: B38/B39/B40/B41- 2×CA: B1+B3/B8/B18/B19; B3+B5/B19;- B7+B5/B7; B21+B19; B38+B38; B39+B39;- B39+B41; B40+B40; B41+B41- WCDMA: B1/B5/B6/B8/B9/B19- TD-SCDMA: B39
Australia	<ul style="list-style-type: none">- LTE-FDD: B3/B7/B28- 2×CA: B3+B3/B7/B28; B7+B7/B28