



RUTX22

Take a look at our future flagship RUTX22. It is the most advanced LTE router 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. A variety of external interfaces AND a dual LTE modems, both managing two SIM cards makes this router an exceptional piece of hardware that we are sincerely proud of.

HARDWARE SPECS

- Dual 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
- 2 x 5 signal strength LEDs,
- 2 x 3 connection type indication LEDs,
- 2 x WiFi band activity LEDs,
- 6 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
- 4 x external SIM holders

ADVANCED FEATURES

- 2 x RS232 interfaces
- 1 x RS485 interface
- 2 x industrial power sockets (for power supply reserve)
- Increased throughput using dual modem Channel bonding
- 4 x SIM cards (auto-failover, QOS etc.)
- 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