RBMTX
router for fast mobile internet connections

The **RBMTX** is a small router made for wireless m2m applications. It is a compact device with all the standard interfaces powered by Telit embedded engine. Supporting UMTS/HSPA+/LTE it is dedicated for users seeking for easy and fast mobile Internet access. Internet connection is easily available and configurable via internet browser without any need of installing software or drivers for the device.

RBMTX is a universal solution for all low-volume M2M and mobile data applications including metering, traffic systems, transportation and logistics, security, vending machines and facility management.

Key benefits	Features
Best pricing level	Ethernet 100 Mbps
Fast Time-To-Market	RS232/RS485 interfaces
Compact size	Optional WiFi
Extended power supply range	Dual SIM option
Simple configuration	GPIO, GPS/Glonass, SD card
	Embedded Linux platform
	Ports forwarding, IPsec, OpenVPN
	m2mLOCATE, m2mAIR, m2mCLOUD

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Specification:

- Small, robust and very cost-effective router
- Easy to use configuration via web interface
- Ethernet 10/100 Mbit/s | RS232 | RS485
- OpenVPN, IPSec, etc.
- Dual SIM for roaming scenarios
- Optional Wi-Fi
- TCP/IP, UDP, E-mail protocols, SMS, MMS
- Python, "C" or Java programmable
- Modbus RTU to Modbus TCP protocol converter
- Optional CAN bus interface
- Extremely compact (only 83 x 60 x 34 mm with connectors)
- Rugged metal housing
- DIN rail etc. are available as accessories

- Remote antennas possible (e.g. in control panels)
- Also available as a programmable Linux platform
- Optional backup battery
- Optional I2C interface
- Internal microSD memory card
- Control and alerting via E-mail and SMS

| Network | Name | Speed | Interface RS232/RS485 | GPIO | | Dual SIM | GPS | Audio | Wi-Fi |
				In / Out	Analog in / out				
UMTS	RBMTX-Ux1	7.2 Mbit/s	●	-	-	-	-	○	○
	RBMTX-Ux1IO	7.2 Mbit/s	●	4	2/1	-	-	○	○
	RBMTX-Ux2	7.2 Mbit/s	●	-	-	●	-	○	○
	RBMTX-Ux2IO	7.2 Mbit/s	●	4	2/1	●	-	○	○
HSPA+	RBMTX-Hx1	21 Mbit/s	●	-	-	-	○	○	○
	RBMTX-Hx1IO	21 Mbit/s	●	4	2/1	-	○	○	○
	RBMTX-Hx2	21 Mbit/s	●	-	-	●	○	○	○
	RBMTX-Hx2IO	21 Mbit/s	●	4	2/1	●	○	○	○
LTE	RBMTX-Lx1	100 Mbit/s	●	-	-	-	○	○	○
	RBMTX-Lx1IO	100 Mbit/s	●	4	2/1	-	○	○	○
	RBMTX-Lx2	100 Mbit/s	●	-	-	●	○	○	○
	RBMTX-Lx2IO	100 Mbit/s	●	4	2/1	●	○	○	○

● support   ○ option   - not support

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