Chateau 5G R17 ax

$ **349** PDF 🌐

Get online instantly – even without a SIM card!
The iconic MikroTik 5G home router gets its smartest upgrade yet.

eSIM & MikroTik Connectivity!

4x Gigabit Ethernet ports

Quad-core 1.8 GHz ARM CPU

1x 2.5 Gigabit Ethernet

MicroSIM & eSIM

Blazing fast Release 17 5G modem

4x4 MIMO

More speed. More bands. More flexibility.

Chateau 5G ax R17 may look familiar – the sleek design, the mighty dual-band Wi-Fi 6 coverage, and all the impressive RouterOS v7 features. But under the hood, everything's been pushed further.

Now powered by 5G Release 17 cutting-edge modem, Chateau takes full advantage of the latest mobile technologies, including advanced carrier aggregation combinations. That means faster downlink speeds, increased signal stability and responsiveness, even in regions where the mobile tower is far away. Wherever you are, Chateau finds the signal sweet spot.

Your network, your rules: eSIM or microSIM

Chateau has a **true embedded SIM (eSIM)** built right in, fully compatible with:

MikroTik Connectivity
(pre-activated data plans)

Third-party eSIMs
(Mobile operator eSIM profiles)

Multiple eSIM profiles
(easy added, switched, or stored)

Check out our YouTube and TikTube videos for this product!

Q: How do I activate the eSIM?

Go to your MikroTik account and use the MikroTik Connectivity service or use your favorite provider's eSIM right from the start. Simply log in via WebFig or WinBox, go to **Interfaces › LTE › eSIM Management**, and paste your operator's SM-DP+ address and activation code (Internet connection required).

Q: Wait, so I can use any eSIM, including my current mobile operator, not just MikroTik Connectivity?

If they support eSIMs – yes, you can use any mobile operator. And switching between them is simple, so eSIMs are also great if you need roaming.

Q: What is the purpose of MikroTik Connectivity then?

MikroTik Connectivity is a service to simplify the installation in cases where you don't have immediate access to a mobile data plan. Lost or forgot your SIM card in another location? Temporary MikroTik Connectivity to the rescue! Can't reach your mobile operator due to holidays or endless "Your call is important" classical melodies over the phone? MikroTik Connectivity gets you online faster! But you will always be able to switch you another operator's eSIM quickly.

Wireless that actually delivers

With **four powerful built-in** LTE/5G antennas and two external dual-chain Wi-Fi 6 antennas, Chateau gives you great performance for download and upload even in a busy, crowded environment:

- Smart aggregation with wide regional **FDD + TDD band support**;
- Extra strong signal pickup thanks to **4x4 MIMO**;
- Wi-Fi coverage designed for homes of all sizes, including multi-floor setups.

For secure remote work, play, and everything in between

Chateau runs RouterOS v7, MikroTik's industrial-grade operating system used by ISPs and sysadmins around the world – but with a simple user-friendly interface that anyone can learn to use. And if you're not sure about diving deep into the world of networking – no worries, we also have iOS/Android app for even easier installation!

Set up a secure VPN. Optimize streaming. Limit bandwidth. Create VLANs. Block sites. Send SMS alerts when usage peaks. All without subscriptions or paywalls.

Chateau 5G ax R17 is perfect for:

- Remote workers who need fast, reliable, secure LTE/5G internet
- Mobile operators looking for modern, simple, affordable TR-069 device management
- Households tired of plastic "black box" routers that limit what they can do
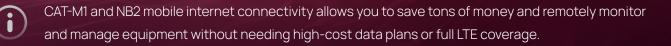- Anyone ready to ditch slow DSL or patchy Wi-Fi extenders

KNOT LR8G kit

$ **179** `PDF` 🌐

An industrial-grade IoT gateway for smart asset tracking, remote monitoring, and efficient automation – now with enhanced LoRa® reception, concurrent GPS + LTE CAT-M, and a lower price.

📡 LoRa ® 868MHz	📶 CAT-M/NB technology	🔲 2x 100 Mbps Ethernet ports	📶 2.4 GHz wireless
🅱 Bluetooth	📡 GNSS	⚙ GPIO	🎙 RS485/Modbus	🔌 PoE-In & PoE-Out

Smart IoT Connectivity That Just Works

The KNOT LR8G is a compact, out-of-the-box gateway for LoRa®-based networks, designed to bring affordable, reliable connectivity to even the most remote or infrastructure-light environments. It supports **LTE CAT-M1 and NB2, Bluetooth 5.2, 2.4 GHz Wi-Fi, GPS**, and **Ethernet with PoE**, making it a flexible centrepiece for any IoT deployment.

ⓘ CAT-M1 and NB2 mobile internet connectivity allows you to save tons of money and remotely monitor and manage equipment without needing high-cost data plans or full LTE coverage.

Whether you're tracking high-value assets across a hospital, managing a vending machine in a shopping mall, or monitoring sensors in an agricultural field – the KNOT LR8G ties everything together and keeps everything connected.

Key Features & Upgrades

- **Concurrent GPS and LTE CAT-M**

  Track assets in motion with precise GPS while maintaining a live LTE CAT-M1 connection. Ideal for mobile units like service vehicles, containers, or roaming field equipment.

- **Versatile Powering**

  Choose from PoE-in, DC jack, or MicroUSB – including PoE-out on Ether2 for powering other devices.

- **SMA Female Connectors for All Main Interfaces**

  Easy antenna setup for LTE, GPS, and LoRa®.

- **Improved 868 MHz LoRa® Reception**

  Enhanced sensitivity for stronger signal and longer range, even in interference-heavy environments.

- **Lower Price, Same Reliability**

  Cost-effective for large-scale deployments without sacrificing performance.

- **Powered by RouterOS v7**

  – for full control, custom scripting, and advanced routing features.

Practical Use Cases

Hospital Asset Tracking

Attach Bluetooth beacons to critical medical equipment. Install a KNOT LR8G in each storage area. As gear moves, KNOT detects nearby tags, tracks location via GPS, and sends updates over LTE CAT-M – keeping inventory up-to-date and reducing manual audits.

Cold Chain Monitoring

Use wired Modbus sensors to monitor temperature and humidity inside refrigerated containers. KNOT converts Modbus to TCP and forwards data securely via MQTT or HTTPS, using low-bandwidth LTE or NB-IoT.

Agriculture & Remote Sites

Deploy KNOT to gather soil or weather sensor data in rural fields. Its wide band support, LoRa® reception, GPS compatibility make it ideal for long-range, low-power data collection.

Industrial Automation

Bridge legacy wired sensors and actuators to the cloud. With DIN rail support and GPIO monitoring, KNOT easily integrates into industrial cabinets or manufacturing environments.

Lightweight, Powerful, Cost-Effective

At just 6W consumption and small footprint (122 × 87 × 26 mm), the KNOT LR8G is perfect for deployments where space, power, and budget are limited – but performance can't be.

KNOT: track, monitor, automate – smarter and cheaper than ever before.

wAP LR9G kit & R11e-LR9G
concentrator gateway card for LoRa®

Affordable, powerful LoRa® solutions – now with enhanced 915 MHz sensitivity and built-in GPS

MikroTik's IoT portfolio expands with two new entries for the US and other 915 MHz markets: the wAP LR9G kit, a weatherproof gateway for LoRa® outdoor use, and the R11e-LR9G, a miniPCIe concentrator card with built-in GPS and upgraded sensitivity.

These tools bring long-range, low-power connectivity within everyone's reach – perfect for smart agriculture, industrial telemetry, and DIY IoT setups.

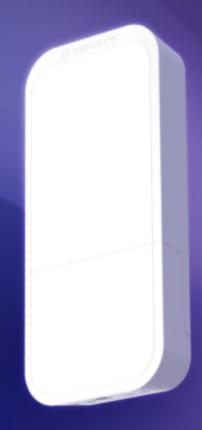# wAP LR9G kit:
Outdoor-Ready and Versatile

$ 149 `PDF` 🌐

The wAP LR9G kit is a rugged, out-of-the-box LoRa® gateway built into MikroTik's proven wAP form factor. It features:

- LoRa® 915 MHz support
- Built-in GPS (via MT3337V)
- Improved Rx sensitivity: up to -141 dBm
- 2.4 GHz Wi-Fi (802.11b/g/n dual-chain)
- Passive PoE support and wide voltage input range
- 3 power input options: PoE, automotive, or DC jack
- SMA female connectors for external antenna options

Pair it with any public or private LoRa® network (including The Things Network or The Things Industries) using the preinstalled UDP packet forwarder.
Whether you're deploying smart irrigation in a field or setting up a LoRa® node on a building rooftop – this device is made to withstand the elements and simplify setup.

An out-of-the-box gateway solution

R11e-LR9G:
GPS-Enabled miniPCIe LoRa® Card

$ 59   PDF   🌐

The R11e-LR9G is a next-generation concentrator card for LoRa® networks, compatible with any MikroTik device that has a miniPCIe slot and USB lines. It includes:

- 915 MHz LoRa® support (AU915–928, US902–928, AS923, KR920–923)
- GPS support (MT3337V interface)
- Enhanced receive sensitivity: -141 dBm
- Max power consumption: 1.3 W
- Standard miniPCIe form factor

Now with GPS on board, the R11e-LR9G is ideal for mobile LoRa® base stations, vehicle tracking solutions, or precision deployment scenarios that benefit from time-sync or geolocation.

Enables LoRa® connectivity for any MikroTik product that has an mPCIe slot with connected USB lines

Practical Use Cases

Smart agriculture

Track soil moisture, livestock, or crop conditions with LoRa® sensors across vast land – using GPS to log location-specific data.

Fleet and mobile gateway setups

Embed R11e-LR9G into a device with miniPCIe to deploy mobile LoRa® gateways with position tracking.

Industrial sensor networks

Connect temperature, humidity, flow, or pressure sensors across facilities without running expensive cabling.

City-wide telemetry

Combine long-range LoRa® with GPS to manage and track assets like streetlights, trash bins, or air quality monitors in smart city rollouts.

MikroTik Chateau Hits the Road: self-driving vehicles tested in Latvia

Spotted: MikroTik's Chateau router taking a backseat in the future of mobility! But not just any backseat – the backseat of a fully autonomous car navigating the unpredictable roads of Ādaži, Latvia.

As part of a European Union–funded international research project, a collaboration between Latvian State Roads, the Institute of Electronics and Computer Science, and our trusted partners at LMT, is testing self-driving vehicles under real-world conditions – gravel roads, emergency vehicles passing by, and plenty of rain. And helping make it all possible? None other than our trusty Chateau, powering reliable connectivity in the process.

The project shows autonomous tech can indeed work here. The next challenge? Building the legal frameworks and public trust to match the tech. Until then, we'll keep our routers ready.

Source: Latvian Television and ReTV

Show us your ROSE Data server use case – get €20 in the MikroTik Merch store!

Are you using the Rose Data Server (RDS2216) for high-speed backups, containerized infrastructure, or branch office storage expansion? Maybe you've set up MinIO, Nextcloud, or even hosted your own private social media server?
Whatever you're doing, we want to see it!

Send a photo or a video with a short description of how you're using RDS2216 to marketing@mikrotik.com – and we'll send you a €20 MikroTik merch coupon as a thank you.
From enterprise cloud hosting to database clusters or encrypted storage – your real-world applications help us inspire others.
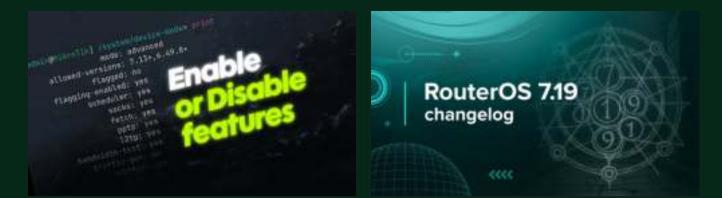
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New banner design files for your events

To make event prep easier, we've created a set of ready-to-use designs that you can freely use for expos, meetups, or showrooms. No need to start from scratch - just download and print.

New #MikroTips and other news

Enable or Disable features

RouterOS 7.19 changelog

Spotted in the Wild

Have some fun in the MikroTik Lounge!

SEND ROUTER PICS - GET COUPONS!

HERE YOU CAN DOWNLOAD ALL THE VISUALS USED IN THIS NEWSLETTER