



LtAP mini LTE kit (2024)

Tiny, affordable weatherproof access point with a built-in LTE modem and GPS.

Add extensive networking and tracking options to your vehicle without breaking the bank!



BUILT-IN GPS



EXTENSIVE LTE BAND
SUPPORT



EXTRA DURABLE AND
COMPACT ENCLOSURE



FLEXIBLE POWERING:
POE-IN, DC JACK,
MICROUSB



CONSOLE PORT FOR
EASY CONFIGURATION



TWO MINISIM SLOTS
FOR ROAMING

LtAP Mini LTE kit is a compact and rugged wireless access point designed to keep your vehicle connected wherever you go. Whether you're riding through the Great Outdoors or navigating busy urban streets, this tiny device ensures you're always online and ready to upload location data.

LtAP mini has a special **extra-durable enclosure** with a wall mounting kit, **two SIM slots** to alternate between cellular providers, and **integrated GPS** support, making this a perfect device for tracking moving vehicles like cars, buses or trains.

There's an Ethernet port for your wired devices and a classic 2.4 GHz wireless radio. The RS232 serial port gives you console access for debugging.



The power options are as flexible as they get. You have the classic DC jack, 802.3af/at PoE-in, and a microUSB option. We have even seen users powering the LtAP mini with a portable power bank throughout the day!

The new LTE card offers a better price and the support of the most popular **LTE bands**, including the **B28 band**! It is connected to two internal antennas with u.FL connectors, so you can unplug the connectors and add your own external LTE antenna for even better coverage.

We have provided a simple tracking [application example](#) in the RouterOS documentation - to help you start tracking your vehicle's location in real-time. You will need to connect an external GPS antenna, we recommend using the ACGPSA antenna with IP67 water resistance rating – [available separately](#).

• Specification

Product code	RB912R-2nD-LTm&EC200A-EU
CPU	QCA9531 650 MHz
Size of RAM	64 MB
Storage	16 MB
10/100 Ethernet ports	1
Wireless	Built-in 2.4 GHz 802.11b/g/n, dual-chain
Wireless chip model	QCA9531
Wireless regulations	Specific frequency range can be limited by country regulations
Antenna beam width	360°
Wireless antenna gain	1.5 dBi
GPS	Built-in MT3337V, with uUFL RF connector and active antenna support
PoE in	Yes
SIM slot	2 Mini SIM slots
LTE antenna gain	3.5 dBi (with uFL connector)
LTE modem	EC200A-EU
LTE FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900MHz) / 20 (800 MHz) / 28 (700MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R7 (21Mbps Downlinks, 5.76Mbps Uplink)
3G Bands	1 (2100MHz) / 5 (850MHz) / 8 (900MHz)
2G Category	Class12
2G bands	3 (1800MHz) / 8 (900MHz)
Serial port	RS232 (shared with GPS port)
Supported input voltage	PoE in: 10 V - 57 V (802.3af/at with unshielded cable) DC jack: 8 - 30 V MicroUSB: 5 V
Dimensions	139 x 77 x 28,5 mm
Operating temperature	-40°C .. +70°C tested
License level	4
Operating System	RouterOS v7
Max Power consumption	7.03 W

• Wireless specification

Rate (2.4 GHz)	Tx (dBm)	Rx (dBm)
1MBit/s	25	-100
11MBit/s	25	-94
6MBit/s	25	-96
54MBit/s	19	-78
MCS0	25	-96
MCS7	18	-73

• Include parts



24 V 1.2 A power adapter



PoE injector



External DC cable



Fastening set