



# LtAP LTE7 kit

A compact, heavy-duty LTE access point with built-in GPS – now upgraded with a faster, smarter, more affordable LTE Category 7 modem.

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



**All-in-one:**  
high speed LTE, GPS,  
2.4 GHz wireless



**Many powering options,**  
including Automotive



**Rugged heavy-duty**  
weatherproof case



**Gigabit Ethernet**  
with passive PoE-In



**Console port**  
for easy configuration



**Extreme versatility**  
with the powerful RouterOS v7



**Expanded frequency support**  
now includes Band 32  
(1500 MHz) for even better performance in congested areas.



**3 MiniSIM slots**  
perfect for roaming

The new LtAP LTE7 kit takes everything people love about LtAP – the **rugged weatherproof case**, built-in **GPS**, extreme **power flexibility**, and miniPCI-e expansion options... and adds our latest LTE Category 7 modem for a huge real-world improvement!

Higher speed, stability and throughput is not the only benefit of the new modem. It comes with expanded frequency support including Band 32 for better performance in congested areas and during roaming.

Same trusted LtAP form factor – no changes to installation or configuration. Just faster uploads, stronger rural performance, and a noticeably better price.



## Perfect for logistics, transport & tracking

Just like in the previous model, you get **3 MiniSIM slots** for automatic roaming as your vehicle crosses borders.

Two **internal LTE antennas** keep things compact, while U.FL connectors allow external antennas for even better long-distance work. Built-in GPS (via SMA connector) makes LtAP ideal for fleet tracking, mobile video systems, asset security, and location-aware monitoring.

Whether it's delivery trucks, buses, forklifts, agricultural machines, or utility fleets – LtAP keeps everything online and traceable in real time. The LtAP enclosure has also proven itself in public transport and other busy areas: extremely durable, discreet, and far less attention-grabbing than traditional routers.

## The virtue of versatility

LtAP is designed to run in nearly any environment. It supports:

- DC jack
- Passive PoE-in
- Automotive power connector

Users have even run the device from power banks in the field. And because LtAP includes two miniPCIe slots, you can expand it with a second LTE modem, a 5 GHz interface, or other add-ons – building exactly the setup you need.

## Powered by RouterOS v7 – automate, adapt, and configure anything to your liking!

Firewalling, VPNs, VLANs, DHCP, routing policies, advanced notifications, GPS data processing, custom scripts – RouterOS v7 gives you full control. No paywalls, no subscriptions, only pure functionality... forever! We have been making our own software since 1996. With each new version our priority remained the same: to provide users with the freedom to explore different setups and always have the right tools for the job.

## • Specifications

|                             |  |
|-----------------------------|--|
| Product code                | LtAP-2HnD&R11e-LTE7  |
| CPU                         | MT7621AT 880 MHz   |
| CPU architecture            | MMIPS  |
| Size of RAM                 | 128 MB   |
| RAM type                    | DDR3   |
| Storage                     | 16 MB Flash  |
| Number of 1G Ethernet ports | 1  |
| MiniPCIe slots              | 2  |
| USB slot                    | USB 2.0 Type A   |
| Wireless interface model    | AR9382   |
| Wireless                    | 2.4 GHz 802.11b/g/n dual-chain   |
| Antenna gain                | 2.5 dBi  |
| GNSS standard               | GPS  |
| LTE modem                   | R11e-LTE7  |
| TAC                         | 35312597   |
| LTE Category                | 7 (DL: 300 Mbps; UL: 100 Mbps)   |
| MIMO DL                     | 2x2  |
| MIMO UL                     | 1x1  |
| LTE FDD bands               | 1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 7 (2600 MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz) / 32 (1500 MHz) |
| LTE TDD bands               | 38 (2600 MHz) / 40 (2300 MHz) / 41 (2500 MHz)  |
| 3G Category                 | R8 (DL: 42.2 Mbps; UL: 5.76 Mbps)  |
| 3G bands                    | 1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 8 (900 MHz)  |
| Dimensions                  | 170 x 162 x 40 mm  |
| Operating system            | RouterOS v7, License level 4   |
| Operating temperature       | -40°C to +70°C   |

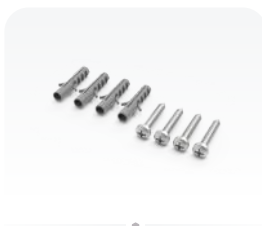
## • Powering

|   |  |
|---|--|
| Number of DC inputs                         | 3 (DC-jack, PoE-In, Automotive)  |
| DC-jack input Voltage                       | 12-30 V  |
| PoE-In input Voltage                        | 12-30 V  |
| Automotive input Voltage                    | 12-27 V, for 24V systems adding the APA-1 device is recommended to filter out the voltage spikes coming from the alternator. |
| Power adapter nominal voltage               | 24 V   |
| Power adapter nominal current               | 1.2 A  |
| PoE-in                                      | Passive PoE  |
| Max power consumption (without attachments) | 12 W   |
| Max power consumption                       | 24 W   |

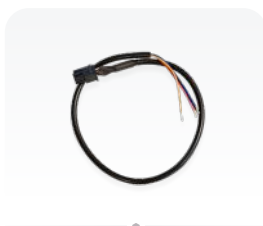
## • Included parts



24 V 1.2 A  
power adapter



Screw set



Automotive cable