MIKROTIK

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