



# wAP ac LTE kit (2024)

A refresh of the classic dual-band wAP LTE kit with Gigabit Ethernet – this time with a brand new LTE modem that brings the PRICE DOWN and the performance UP!



ROUTEROS V7



EXTENSIVE LTE BAND SUPPORT



DURABLE AND COMPACT OUTDOOR ENCLOSURE



MICRO-SIM SLOT



MODERN QUAD-CORE ARM CPU



GIGABIT ETHERNET X2

wAP ac LTE kit is a tiny dual-band weatherproof wireless access point for installation outside your house, in the garden, on your porch, or in any other challenging environment where you need a capable wireless connection on a tight budget. Two Gigabit ports allow using the speedy built-in LTE modem as a mobile internet backup connection, in case you already have a wired ISP.

*The new revision features a new LTE modem that offers improved connectivity, the addition of the popular B28 band, and a serious price drop!*

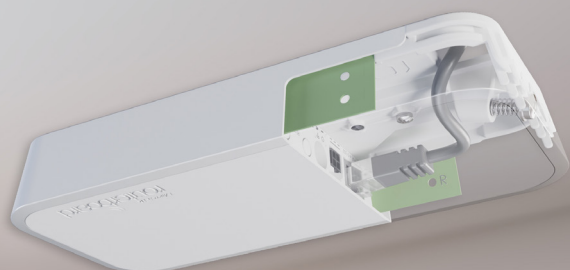


### **Improved enclosure - looks good, works even better... even against vandals!**

wAP ac LTE kit is weatherproof and can be fixed to any external wall from the inside of the case – for extra security and less visible attachments. The bottom part can also be secured with a special anti-vandal screw, which can only be opened by the owner.

There is an opening in the back of the case, allowing you to run the Ethernet cable directly behind the unit and through the wall. This way the wAP attracts less attention and blends into any environment.

#### **Use it on the ceiling!**



*The wAP ac LTE kit comes with all the necessary things to be mounted on a ceiling. Cable breakout provides ability to run the cable through the ceiling.*

#### **Use it on the wall!**



*Wall mounting is easy thanks to the provided drill template and mounting screws. Everything included.*

## • Specifications

Product code	wAPGR-5HacD2HnD&EC200A-EU
CPU	Quad-Core IPQ-4018 448-896 (auto) MHz
CPU architecture	ARM 32bit
Size of RAM	128 MB
RAM type	DDR3L
Storage	16 MB, Flash
Number of 1G Ethernet ports	2
MiniPCle slots	1
Wireless interface model	IPQ-4018
Wireless	2.4 GHz 802.11b/g/n dual-chain, 5 GHz 802.11a/n/ac dual-chain
Wireless antenna max gain	2.5 dBi
LTE antenna gain	4 dBi
LTE category	4 (150Mbps Downlink, 50Mbps Uplink)
LTE modem	EC200A-EU
TAC	86314105
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)
Dimensions	185 x 85 x 30 mm
Operating system	RouterOS v7, License level 4
Operating temperature	-30°C to +60°C

## • Powering

Number of DC inputs	2 (PoE-In, DC jack)
PoE-In input Voltage	18-57 V
DC jack input Voltage	10-57 V
Max current at Min voltage	0.662 A
Max current at Max voltage	0.21 A
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
PoE-In	802.3af/at
Max power consumption	12 W

## • Wireless specifications

Rate (5 GHz)	Tx (dBm)	Rx (dBm)
6MBit/s	24	-95
54MBit/s	20	-78
MCS0	24	-95
MCS7	19	-73
MCS9	17	-68

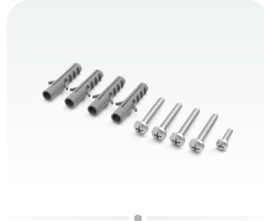
• Included parts



24 V 0.8 A power adapter



Gigabit PoE injector



Fastening set



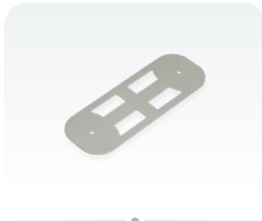
Locking set



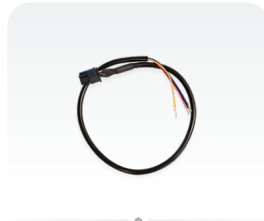
Desktop stand



Outdoor case bracket



Ceiling mount base



Automotive cable adapter



Hose clamp