



# hAP ax lite LTE6

Our most affordable LTE home access point - tiny, fast, and strong enough to harvest the power of RouterOS v7!



4X GIGABIT  
ETHERNET PORTS



CAT6 LTE MODEM WITH  
CARRIER AGGREGATION



2.4 GHZ  
Wi-Fi 6<sup>®</sup> (802.11ax)



256 MB RAM



POWERFUL  
4.3 DBI ANTENNA



RouterOS V7



MODERN  
ARM CPU

Our hAP lite devices have always been about value. The new hAP ax lite LTE6 is no exception – the addition of a **built-in LTE modem** allows you to **cut costs instead of corners** like never before!

There are **four Gigabit Ethernet ports**. Combined with a speedy **dual-core ARM CPU** and **256 MB of RAM**, you've got a solid SOHO router. With mobile connectivity. But the value train doesn't stop here. As a bonus, we've added 2.4 GHz **Wi-Fi 6® (802.11ax) wireless** and a strong 4.3 dBi dual-chain antenna. It might not be the main feature here, but don't underestimate it: our latest wireless chips allow you to squeeze the traditional 2.4 GHz wireless spectrum like a lemon! Depending on your overall setup, you can expect an increase in speed of up to 90%!



## The freedom of LTE

Cable networks can no longer limit you. Mobile internet is there for you – wherever you choose to go. And it will never slow you down! You can reach consistent speeds of up to **300 Mbps with carrier aggregation**, as the built-in CAT6 modem allows devices to **use multiple bands simultaneously**. That is a huge advantage in areas with many LTE users. hAP ax lite LTE6 provides better responsiveness in a crowded environment and higher efficiency for weaker signal situations in the countryside. Depending on the service provider, we have seen Internet speed doubling in rural areas after switching to carrier aggregation!

*We offer significant project discounts and custom branding options on volume orders. The best price on the market becomes even better!*

And don't let the price fool you. hAP ax lite LTE6 is the real deal. It comes with **all the extensive features of RouterOS 7**. Our team takes pride in giving you the freedom to push our devices to the limit. Secure VPN tunneling, bandwidth shaping, firewall, user access control – you make the rules here. It's your life. Your network. And your opportunity to start saving money like never before!



## • Specifications

Product code	L41G-2axD&FG621-EA
CPU	Dual-Core IPQ-5010 800 MHz
CPU architecture	ARM 64bit (RouterOS 32bit)
Size of RAM	256 MB
Storage	128 MB, NAND
Number of 1G Ethernet ports	4
Number of SIM slots	1
Switch chip model	MT7531BE
Wireless band	2.4 GHz
Wireless interface model	IPQ-5010
Wireless	802.11b/g/n/ax
Wireless antenna max gain	4.3 dBi
LTE antenna max gain	4 dBi
LTE category	6 (300Mbit/s Downlink, 50Mbit/s Uplink)
LTE modem	FG621-EA
TAC	86335904
LTE FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz) / 28 (700MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R8 (42.2Mbps Downlink, 11.2Mbps Uplink)
3G Bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz)
Dimensions	124 x 100 x 54 mm
Operating system	RouterOS v7, License level 4
Operating temperature	-40°C to +60°C

## • Powering

Number of DC inputs	1 USB type C
Min voltage	5 V
Max voltage	5 V
Max current at Min voltage	2.4 A
Max current at Max voltage	2.4 A
Power adapter nominal voltage	5 V
Power adapter nominal current	2.4 A
Max power consumption (without attachments)	12 W
Max power consumption	12 W

## • Included parts



5V 2.4A 12W  
USB power adapter

## • Supported 2xCA LTE bands

1+1/3/5/7/8/20/28	3+3/5/7/8/20/28
5+5/7	7+7/8/20/28
40+40	8+8
38+38	41+41

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