



# hAP ac<sup>3</sup> LTE6 kit

A wireless dual-band router with LTE support and 5 Gigabit Ethernet ports. The right choice for most homes!



Forget about endless searching for the perfect router and scrolling through an eternity of reviews and specifications! We have created a single affordable home access point that has all the features you might need for years to come.

#### The freedom of LTE

hAP ac<sup>3</sup> LTE6 kit features our newest **CAT6 LTE modem.** It enables carrier aggregation, allowing you to use the LTE connection with speed up to 300 Mbps. It works by using multiple LTE bands at the same time. A huge advantage when there are a lot of LTE users in the area. Depending on the service provider, we have seen Internet speed doubling after switching to CAT6.





## hAP ac<sup>3</sup> LTE6 kit – the new standard of home access points.

#### Function, form, versatility

With 5 Gigabit Ethernet ports, 256 MB of RAM and quadcore CPU, hAP ac<sup>3</sup> LTE6 kit can satisfy even the biggest and most demanding households. There is a full-size USB port that you can use to add extra storage. The new enclosure allows mounting the device vertically or horizontally. A wall mount set is also included.

#### **Reliable connection for all your devices**

Stop sharing the frequency with all your neighbors! Strong **dual-chain dual-band** 2.4/5 GHz wireless for concurrent coverage will solve most interference issues in a crowded environment. This is a must-have these days! You can use the 2.4 GHz channel for older devices and the 5 GHz channel for everything else, since this frequency is less cluttered.



## **S**pecifications

Product code	RBD53GR-5HacD2HnD&R11e-LTE6		
CPU	4 core IPQ-4019 716 MHz		
Size of RAM	256 MB		
Storage	16 MB flash		
Number of 1 GbE ports	5		
Wireless	2.4 GHz 802.11b/g/n dual-chain, 5 GHz 802.11a/n/ac dual-chain		
Wireless regulations	Specific frequency range and power will be limited by country regulations		
Wireless antenna max gain	2.5 dBi		
LTE category	6 (300 Mbps Downlink, 50 Mbps Uplink)		
LTE antenna max gain	4 dBi		
Antenna beam width	360°		
Supported input voltage	DC jack 12 - 28 V		
Dimensions	251 x 129 x 39 mm		
Operating temperature	-30°C to +60°C		
Operating system	RouterOS, License level 4		
MiniPCle slots	1		
Micro SIM slots	1		
USB port	1 USB 2.0 port type A		
Max power consumption without attachments	16 W		
Max power consumption	20 W		

## Supported bands

#### Modem specification

LTE (FDD) bands	1(2100)/2(1900)/3(1800)/5(850)/7(2600)/8(900)/12(700)/17(700)/20(800)/25(1900)/ 26(850)
LTE (TDD) bands	38(2600)/39(1900)/40(2300)/41n(2500)
3G bands	1(2100)/2(1900)/5(850)/8(900)
2G bands	2(1900)/3(1800)/5(850)/8(900)



## Supported 2xCA LTE bands

1+1/5/8/20	2+2/5/12/17	3+3/5/7/8/20	7+7/8/12/20	8+8
12+12	38+38	39+39/41	40+40	41+41

### Wireless specifications

Rate (2.4 GHz)	Tx (dBm)	Rx (dBm)	Rate (5 GHz)	Tx (dBm)	Rx (dBm)
1Mbit/s	27	-100	6MBit/s	26	-96
11Mbit/s	27	-94	54MBit/s	22	-80
6Mbit/s	27	-96	MCS0	26	-96
54Mbit/s	24	-78	MCS7	21	-75
MCS0	27	-96	MCS9	19	-70
MCS7	23	-73		1	

#### **Included parts**



24 V 1.5 A power adapter



Base leg and pads



Wall mount set