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hAP ax lite

\$ 59



Gen6 wireless on a budget – tiny, fast, and strong
enough to harvest the power of RouterOS v7!



**4X GIGABIT
ETHERNET
PORTS**



**NAND
STORAGE**



**2.4 GHZ
GEN6
WIRELESS**



**256 MB
RAM**



**POWERFUL
4.3 DBI
ANTENNA**



**RouterOS
V7**



**MODERN
ARM CPU**

hAP ax lite is the perfect tiny solution when you've got to cut costs but can't afford to sacrifice performance. Our latest Gen6 AX wireless chip allows 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%!

Very useful in scalable setups like hotels or expanding offices – the appealing price point, compact size, and a strong set of features allows adding more devices without a doubt! And – speaking of hotels – why not pack a hAP ax lite for your vacation? It takes up almost no space in your suitcase and allows you to break free from the restrictive guest networks.



And don't let the size fool you – hAP ax lite knocks it out of the park in terms of price vs. performance! With full RouterOS v7 support, you can run all kinds of advanced operations. For example, secure VPN tunnels to access your office network from home, firewalls, bandwidth shaping, user access control, and so on. Your network. Your rules.

Our hAP lite devices have always been about value. With **256 MB of RAM**, a modern **ARM CPU running at 800 MHz**, **4x Gigabit Ethernet ports**, much higher dual-chain antenna gain (up to 4.3 dBi!), and a complete visual redesign, the new hAP ax lite is a real trailblazer of value and affordable networking.



XQ+31LC10D

QSFP28 module for impressive distances up to 10 km!

\$ 349



The MikroTik 100 Gigabit product line keeps growing!

Add this QSFP module for distances up to 10 kilometers to your CCR2216, CRS504 or CRS518 setups and enjoy real speed and ultimate reliability. This optical module offers four independent full-duplex channels with up to 25 Gbps per channel bandwidth and an aggregate bandwidth of 100 Gbps.

The module has built-in digital diagnostic functions such as optical power, transceiver supply voltage, temperature, laser bias current monitoring, and other key parameter monitoring. These options can be helpful not only to alert the user during abnormal transceiver activity but also if specific customizable operating limits are exceeded. Monitoring allows you to plan ahead, make informed decisions and predict necessary upgrades or maintenance based on the transceiver performance.

• Specifications

Product code	XQ+31LC10D	
Connector	LC	
Data rate	100G	
Distance	10km	
Format	QSFP28	
Mode	SM	
Wavelength	1296, 1300, 1305, 1309 nm	
Max power consumption	4.5W	
Temperature	0°C .. +70°C	

Optical characteristics	Min.	Max.
Transmitter		
Output optical power (Avg.)	-4.3 dBm	4.5 dBm
Receiver		
Rx sensitivity (Avg.)		-8.6 dBm
Max input optical power (Avg.)	4.5 dBm	
LOS de-assert(Avg.)		-12 dBm
LOS assert (Avg.)	-25 dBm	

hAP ax² and hAP ax³ now support the entire 5 GHz range *

Previously, the UNII frequency range required separate certification in certain regions while remaining completely unavailable in Europe. However, with our latest Wireless Gen6 802.11ax products, we've managed to secure all the necessary CE and FCC/IC certificates to offer the most comprehensive frequency range to date! **UNII 1-4 support means you will always be able to find and fine-tune the perfect wireless signal for optimal speed and range.** More products to follow.

hAP ax² and hAP ax³ now support the entire 5 GHz range:*

UNII-1 (5150-5250MHz)

UNII-2 (5250-5350 MHz, 5470-5725 MHz)

UNII-3 (5725-5850 MHz)

UNII-4 (5850-5895 MHz)

** Please note that:*

1) you need RouterOS 7.8beta2 or newer for the extended UNII support

2) all the announced 802.11ax devices support UNII-3 everywhere

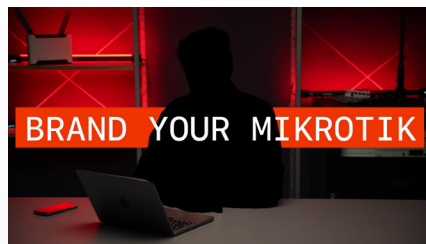
3) all announced 802.11ax devices support UNII-4 in Europe (up to 5875 MHz!)

4) In the USA, hAP ax² supports UNII-4 up to 5895 MHz. The other announced products can not use UNII-4 in the US due to the external antennas (see FCC regulations for more information).



Even more
#MikroTips
and tricks!

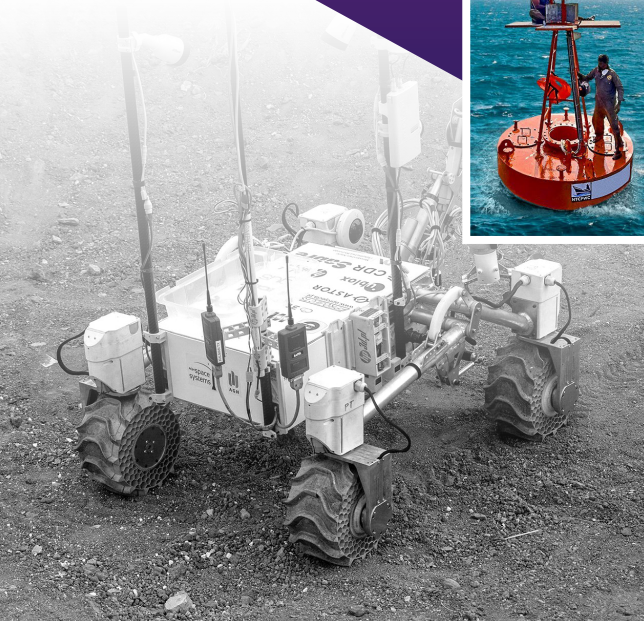




Spotted In The Wild

We want to see YOUR setups! Send them over to marketing@mikrotik.com, get featured in our videos and win MikroTik Merch store coupons!

More information in the video below.



MikroTik guide to Latvia

Join Viktors, Eva and some friendly Lithuanians on a virtual trip to Latvia – we want to show you our home!



Here you can download all the visuals used in this newsletter

