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# hAP ax<sup>3</sup>

**\$ 139** 

Our top-of-the-line AX home access point.

With all the processing power and speed your household might ever need.



**POWERFUL 1.8 GHZ  
ARM CPU**



**802.11AX + WAVE2**



**STRONG DUAL-BAND,  
DUAL-CHAIN WIRELESS  
(UP TO 5.5 DBI!)**



**4X GIGABIT  
ETHERNET PORTS**



**POE-IN & POE-OUT**



**WPA3**

## Ultimate power for your whole home

**hAP ax<sup>3</sup>** is our most powerful AX device with the best wireless network coverage so far. It features a modern **quad-core ARM CPU** running at 1.8 GHz and enough memory (**1GB RAM + 128 MB NAND**) for most tasks. Complex firewall rules, IPsec hardware encryption, Wireguard, BGP, advanced routing, or multiple remote work VPN tunnels won't stop your family from comfortable browsing, streaming, gaming, and so on. There's enough processing power for everyone. And we've added a speedy **USB 3** port for all your storage purposes or an additional LTE modem.



## AX wireless – as strong as an ox

Depending on your overall setup, our AX product family offers up to 40% higher speed in the 5 GHz and up to **90% higher speed** in the 2.4 GHz spectrum! Potent external antennas allow reaching gain up to 5.5 dBi, so you can forget about Wi-Fi Boosters and other tricks. **Smooth and fast connectivity for your whole apartment** – that's just how **hAP ax<sup>3</sup>** works.

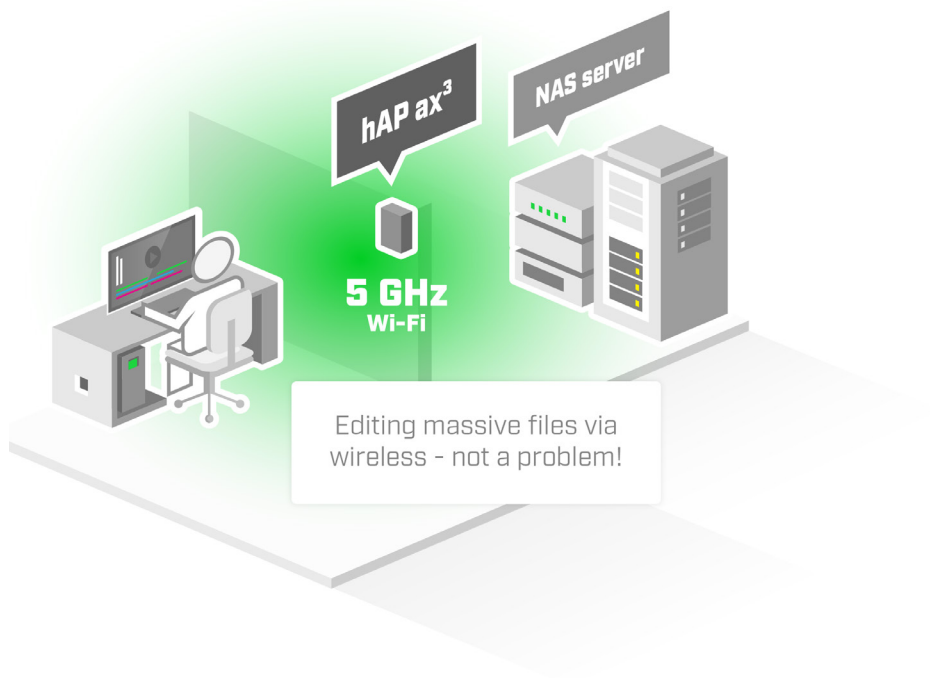
Home network speeds are getting serious. There are **4x Gigabit Ethernet** ports and an **ultra-fast 2.5 Gigabit port**.



## Safer in many ways

**hAP ax<sup>3</sup>** can ease your mind on multiple levels simultaneously. **European-based production**, our famous Northern work ethic, and cooperation with the EU lawmakers ensure full compliance with all the necessary safety policies. **Multiple power options** (DC Jack & PoE-in) result in fewer worries about potential downtime. The latest RouterOS v7 updates and the addition of **WPA3 advanced encryption** support bring unprecedented software security.

To sum things up - **hAP ax<sup>3</sup>** is among **the fastest, safest, and most powerful choices in the home access point world**. Wired or wireless. And it comes with the most advanced networking software on the market – RouterOS. Unlike many other vendors, we don't limit what you can do. There are no paywalls or confusing subscriptions. All our devices share the same limitless operating system. **Imagination is the only limitation.**



Some might ask – why do we even need higher wireless speeds? Well, countless use cases have been previously impossible or difficult to pull off. For example, working with large media files over the wireless network – without the need to download and upload everything. Do you really have the time to wait? Grab a hAP ax<sup>3</sup> and save more time for the essential things in life!










# ATL LTE18 kit

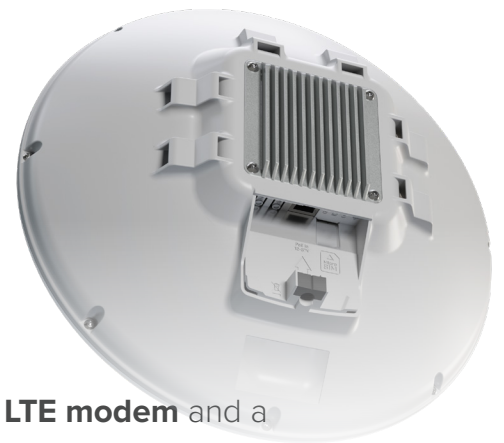
\$ 279



Make the most of your mobile coverage! An advanced technology level directional LTE solution for fast and stable connectivity in rural and urban areas.

 <b>HIGH-SPEED INTERNET EVEN WHEN YOUR PHONE HAS NO SIGNAL!</b>	 <b>EXTRA SMALL FORM-FACTOR – EASY SHIPPING AND HANDLING</b>	 <b>LTE BAND 28, 700 MHZ – 1 GHZ SUPPORT</b>
 <b>BLAZING FAST CAT18 LTE MODEM</b>	 <b>GIGABIT ETHERNET WITH POE-IN</b>	 <b>4X4 MIMO SUPPORT</b>
 <b>LARGE HIGH-GAIN ANTENNA</b>	 <b>POWERFUL 64-BIT DUAL-CORE ARM CPU</b>	 <b>SNOW-RESISTANT DESIGN</b>

The world keeps changing, but one thing remains certain: you've got to stay connected. Immediate access to information is vital. That's why we've developed the ATL: an advanced technology level directional LTE solution for those who want to squeeze the most out of LTE base stations.



ATL features a **phenomenal Category 18 LTE modem** and a **Gigabit Ethernet port with PoE-in**. Combined with the **modern ARM CPU**, this means speeds up to 1 Gbps, no bottlenecks!

One of the key features is the **4x4 MIMO** or multiple-input, multiple-output support. More antennas to work with – higher speed and better signal! You can expect fantastic performance in the cities with modern base stations. But ATL can also do wonders in rural areas as it supports **a wider frequency band range** for lower band antennas. There are **4 high-gain middle band** (1.7 – 2.7 GHz) and **2 high-gain low band** antennas (700 MHz – 1 GHz, LTE Band 28). Why is that important? Two reasons. First of all, the 700 and 800 MHz LTE band is one of the most popular frequency options in the world. It is used by countless mobile operators everywhere, so ATL will always be able to find some signal. And the second reason is the nature of the lower frequency itself: this type of radio wave can travel very far. It all depends on many factors, including how flat the terrain is, but rest assured – with ATL you are in good hands.

At first glance, the **ATL LTE18 kit** looks like a spaceship, but there's a good reason for that. This design **prevents snow and water** from collecting and freezing up. So not only is it compact and easy to ship, it can also **handle some of the roughest weather conditions**.

ATL is an excellent tool for fast and stable connections in cold, snowy cities without having to clean the antenna all the time. And the LTE Category 18 modem is pretty future-proof, so you won't have to worry about upgrades for quite some time.

# FiberBox Plus

\$ 229



Ultimate value pick for 10 Gigabit outdoor networking.

High masts, poles, or towers – your connection will be safe!



WEATHERPROOF IP66  
OUTDOOR CASE



4X10 GIGABIT SFP+ PORTS



GIGABIT ETHERNET PORT



DIRECT UPGRADE FOR EXISTING  
FIBERBOX SETUPS



MULTIPLE POWERING OPTIONS:  
POE-IN, DC JACK, 2-PIN TERMINAL



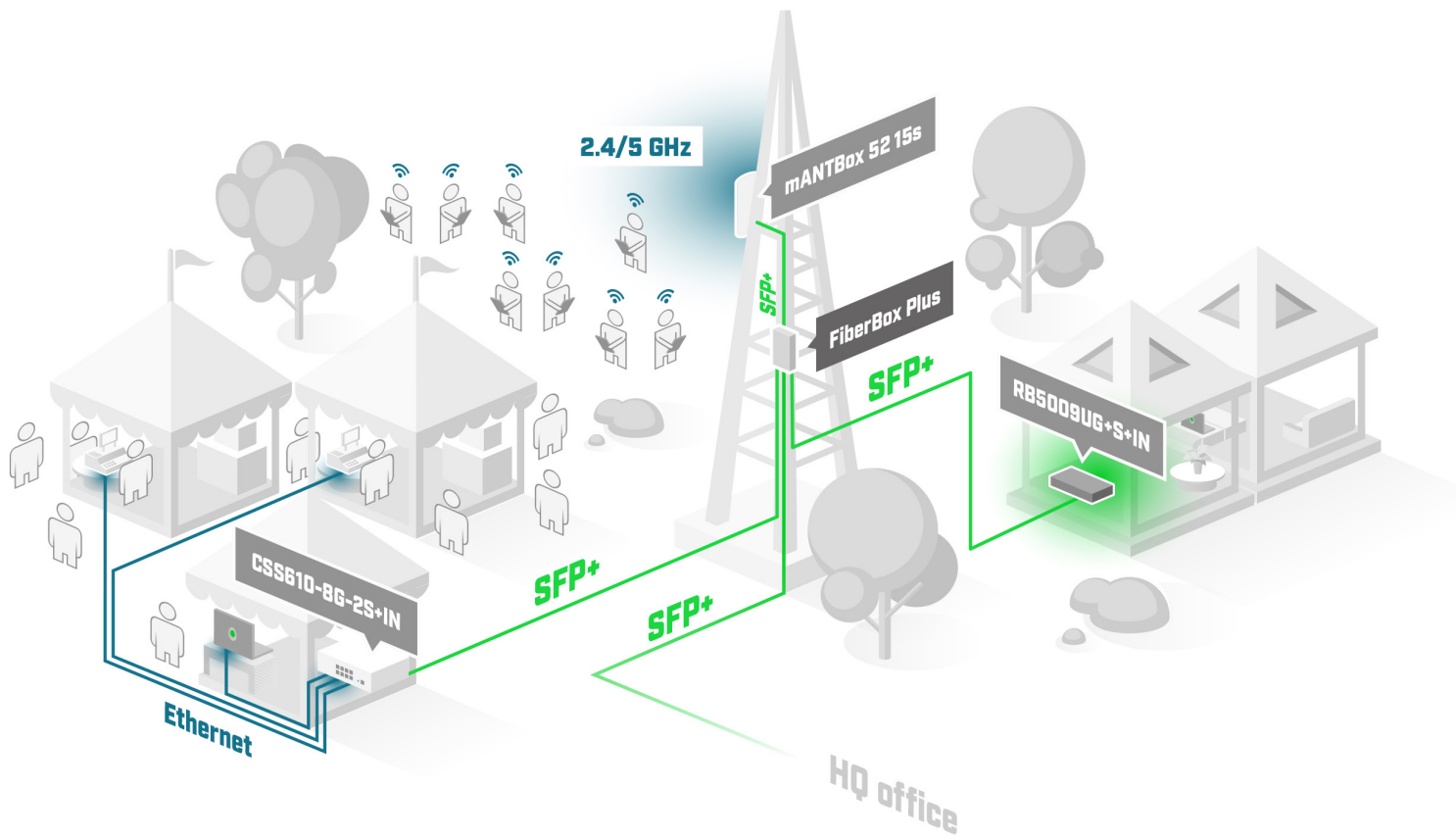
ROUTEROS V7 / SWITCHOS

There are two ways to look at the brand new Fiber Box Plus. On the one hand, it's a **massive upgrade** of our previous FiberBox devices. This version features a **modern ARM CPU, more RAM, and four 10-Gigabit SFP+ ports**. Fast and reliable connectivity on a budget. Without the distance limitations of Ethernet. There's also a **Gigabit Ethernet** port for management purposes or **PoE-in** powering. We've also included a **2-pin terminal** and a standard **DC jack**, so you have **3 different power options** to choose from. FiberBox Plus supports a wide input voltage range of 24-57V. And it is remarkably efficient: maximum power consumption (without attachments) is only 7W!



Another way to look at the new FiberBox Plus – it's a budget version of the amazing netFiber 9. You can save a lot of money if you don't need the extra Gigabit SFP ports. It even features the same impressive **Marvell 98DX226S switch-chip**, so the performance is definitely there!

This rugged outdoor switch is perfect for connecting mast devices. Like the mANTBox 52 or the LHG XL 52. Imagine a huge campsite with several guest houses, a food court, and the owner's cabin. You can connect all the locations with the FiberBox Plus. One of the fiber connections can be used for the mANTBox base station – to provide general connectivity for the guests. Another connection could go to the owner's house. And the third could be used in the food court – to connect their payment and inventory servers.

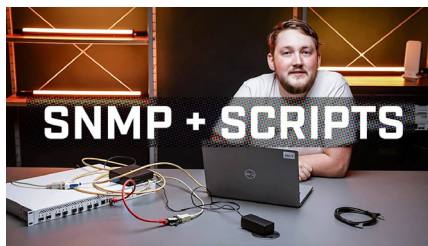
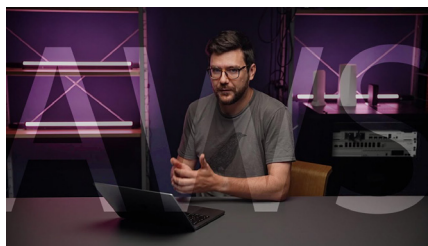
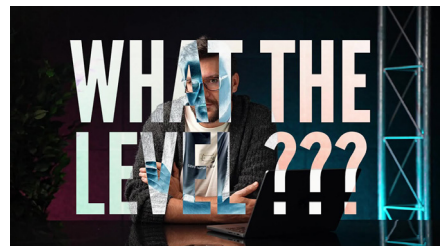


Usually, you would need some kind of a junction box to keep everything safe. But our FiberBox Plus comes with a **solid water resistance rating of IP66**. That means **protection against powerful water jets from any direction**. So in the campsite scenario, your setup is not only safe from all kinds of crazy weather, but it can also withstand young pranksters with a garden hose. Not to mention damp basements, elevator shafts, seaport infrastructure, and so on. With FiberBox Plus, you have nothing to worry about.





# Even more #MikroTips and tricks!





# MikroTik merch - FINALLY ready!

The virtual doors of our online merch store are now officially opened! Fanny packs, mugs, socks, bags, and even some very spicy gifts for your friendly neighborhood sysadmin. They say, “dress for the job or life you want”. So try on some MikroTik merch and live with us (figuratively! there are no extra beds in the office)!

Something to keep in mind: this is a fun passion project for us. We're not adding any markup – you'll be paying only for the printing, delivery, etc. If you order anything - it will be manufactured specifically for you and sent directly from our dropshipping partner. You can expect more products in the future, including seasonal merch and stuff designed by the wonderful MikroTik community.



Ankle socks  
€14,00 EUR



Backpack  
€40,00 EUR



BGP organic cotton t-shirt  
€17,00 EUR



Enamel camping mug  
€16,99 EUR



Fanny Pack  
€29,00 EUR



Unisex essential eco hoodie  
€45,00 EUR



Logo sticker  
€3,50 EUR



MikroTik snapback  
€19,00 EUR



RouterOS on organic cotton t-shirt  
€17,00 EUR



Stainless Steel Water Bottle  
€19,00 EUR



Tote bag  
€24,99 EUR



Tote bag  
€24,99 EUR



# LinusTechTips does it again: a 200-Gigabit MikroTik link to save 100 000\$!

A trusty CRS504-4XQ-IN was spotted in a recent LinusTechTips video. Here's the scoop: they needed to connect their studio and the lab. ISP said, "Ok, no worries. But it's gonna cost you. A 100 grand, no less!"

So what did Linus and his team do? They bought their own fiber cable, asked all the landowners for permission, did some digging... and now there's a custom 200-Gigabit link between the two locations!

Show Linus some love in the comments - so the MikroTik family keeps growing!



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*Purpose-built  
hardware, baby!*

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Here you can download all the  
visuals used in this newsletter

