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hAP ax²   The next generation of home access point perfection.

POWERFUL QUAD-CORE ARM CPU

802.11AX + WAVE2

STRONG DUAL-BAND, DUAL-CHAIN WIRELESS (4-4.5 DBI)

5X GIGABIT ETHERNET PORTS

POE-OUT

DIFFERENT MOUNTING OPTIONS

WPA3

Gen 6 Wireless

THE SMALLEST FULLY-FLEDGED AX ROUTER ON THE MARKET!

Like the previous models, hAP ax² can be mounted vertically, horizontally, or even on the wall – without sacrificing the strong signal.

We did our best to create the smallest dual-band AX router on the market. Enjoy next-level connectivity without giant, obtrusive devices that take up way too much space!

It's time to supercharge your home network with the Generation 6 wireless network and our latest addition to the beloved hAP series. hAP ax^2 has everything you might need in a primary home access point – and more! Forget endless reviews and comparisons – this is the perfect device for 99% of homes.

Wireless signal is now stronger than ever. Here are the main ingredients of hAP ax's success: a state-of-the-art dual-band, dual-chain radio with powerful 4-4.5 dBi antennas, and the 802.11ax standard with Wave2 support. Let's compare it to the previous generation: depending on your overall setup, that means up to 40% higher speed in the 5 GHz and up to 90% higher speed in the 2.4 GHz spectrum!

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^2 and save more time for the essential things in life!

The wireless interface supports 802.11ax and is backward compatible with older wireless standards. Older client devices that only support 802.11ac will still benefit from multiple additional 802.11ac Wave 2 features, such as MU-MIMO and explicit beamforming.

The modern quad-core CPU running at 864 MHz combined with a solid GB of RAM packs a hefty punch when it comes to heavy operations like **complex firewall rules, IPsec hardware encryption, using more threads** or experimenting with the most advanced RouterOS features. And with the addition of WPA3 advanced encryption support, you're safer than ever before.

Like the previous models, **hAP ax²** can be mounted vertically, horizontally, or even on the wall — without sacrificing the strong signal!

With so many products and features on the market, even an experienced user can become confused. So it's time for a **simple truth for a simple choice**: you can't go wrong with a **hAP ax²** in most homes.

Chateau LTE18 ax

The Wi-Fi 6 version of Chateau LTE18. The best home AP just got even better.

NOW WITH 2.5 GIGABIT ETHERNET!	**POWERFUL 1.8 GHZ QUAD-CORE CPU**	**STRONG DUAL-BAND, DUAL-CHAIN WIRELESS (3-6 DBI)**
802.11AX + WAVE2	**4X GIGABIT ETHERNET PORTS**	**THE FASTEST CAT18 LTE MODEM**
		WPA3

Chateau 5G ax

The Wi-Fi 6 version of Chateau 5G. Mobile internet has never been faster! In a perfect setup and the ideal environment, the 5G modem can reach incredible speeds: up to 5 Gbps for downloads and up to 900 Mbps for uploads. But even without reaching the maximum capacity, you're still getting an ultra-fast connection that can surpass the best copper and fiber networks!

NOW WITH 2.5 GIGABIT ETHERNET!	**POWERFUL 1.8 GHZ QUAD-CORE CPU**	**STRONG DUAL-BAND, DUAL-CHAIN WIRELESS (3-6 DBI)**
802.11AX + WAVE2	**4X GIGABIT ETHERNET PORTS**	**THE FASTEST LTE/5G MODEM**
		WPA3

Much faster wireless, improved CPU, and now – with 2.5 Gigabit Ethernet!

> The wireless interface supports 802.11ax and is backward compatible with older wireless standards. Older client devices that only support 802.11ac will still benefit from multiple additional 802.11ac Wave 2 features, such as MU-MIMO and explicit beamforming.

On the surface, the new Chateau devices are very similair to the previous models. We had a fantastic LTE18 launch with our partners at LMT – the leading mobile operator in Latvia. Our Chateau replaced the usual brands – and the client satisfaction skyrocketed. Most users appreciated better speed and stability, as well as the abundance of useful RouterOS features and general flexibility. And don't forget the elegant look that fits right in anywhere – from traditional homes and luxury residences to modern office and corporate environments.

The next obvious step in the Chateau series was perfecting the wireless capabilities. With the Generation6 **802.11ax** wireless standard and **Wave 2** support, **Chateau LTE18 ax** and **Chateau 5G ax** can deliver **unprecedented speed**. If we compare it to the previous generation, we're looking at up to **40% higher speed in the 5 GHz** and up to **90% higher speed in the 2.4 GHz** spectrum! We've made massive improvements to the wireless radio and antennas. Chateau supports **MIMO 4x4** on both 5G and LTE.

> *With speeds like that, the ports also had to rise to the occasion. We kept four **Gigabit Ethernet** ports and added a **2.5 Gigabit Ethernet** port on top. And let's not forget the USB port which can be handy for storage purposes.*

The modern **quad-core CPU** running at **1.8 GHz** combined with a solid GB of RAM packs a hefty punch when it comes to heavy operations like **complex firewall rules, IPsec hardware encryption, using more threads** or experimenting with advanced RouterOS features. And with the addition of WPA3 advanced encryption support, you're safer than ever before.

The most advanced software on the market - RouterOS

We have been making our own software since 1996. And over the years, we've managed to create the **most powerful and flexible networking software on the market**. With each new version, our priority remained the same: to provide users with the freedom to explore different setups and always have the right tools for the job. Run a secure VPN from the office directly to your home, enable parental control, QoS (traffic prioritization for certain needs, such as streaming), complex firewall rules, IPsec hardware acceleration, VLAN, e-mail or SMS notifications.. You can even automate complex trigger notifications ("Your bandwidth has reached X for Y minutes!") and modify queues based on bandwidth usage. If you can imagine it — RouterOS can achieve it.

There are no paywalls and no confusing subscriptions. You're getting all the features - from consumer to enterprise-grade. For mobile operators and ISPs, this is groundbreaking. **Finally - a single product to satisfy the most diverse group of people.**

Built with security in mind

Not only does RouterOS come with robust security options, we also focus on the production security. There is no outsourcing, every Chateau device is assembled at our EU contract manufacturers, and all the components come from reputable, trusted partners — such as Qualcomm. We cooperate with European law-makers and work hard to ensure full compliance with all the necessary safety policies. MikroTik is all about smooth, long-term cooperation without surprises.

Jack of all trades... master of many!

Chateau is a remarkable choice for any mobile operator. It can be customized with a variety of labels or printed branding. And operators can use the TR-069 technology to create **custom remote client management options**, such as router configuration via the same web-page clients are using to pay the mobile bill.

Advanced users, seasoned sysadmins, and networking enthusiasts can take advantage of the astounding depth of RouterOS. And the non-tech households can skip all that, using a simple, straightforward web-page instead.

Now is the time for great networking without compromises. Secure remote work options and a blazing fast Internet connection are no longer a luxury. They are a necessity. And Chateau is the solution.

Marvell podcast: MikroTik Tackles the Borderless Enterprise

"Stay awhile and listen!"

Our very own Edgars Pabērzs, technical support engineer at MikroTik, joined the Marvell Essential Technology Podcast to discuss an overview of our networking solutions. Edgars works closely with our vast client base, advising and resolving technical challenges along with testing and documenting new switching technologies. With substantial knowledge of Marvell's Ethernet switch products, Edgars shares his insights on our unique product range, supported capabilities, and future strategies with Marvell. https://www.marvell.com/company/podcast/mikrotik-tackles-the-borderless-enterprise.html

New MikroTik merch & contest!

First, let us thank you all for the overwhelming support. We really appreciate your continued (and even growing!) interest in MikroTik merch. And you know what? You're right, it's time for more goodies! However, we've decided to let the professionals handle it. We'll continue making great networking products while our dropshipping partners will handle the merch. And 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!

We plan on adding all kinds of seasonal designs and various products in the long run, but we would also like to involve our fantastic community – and let you create the MikroTik merch of your dreams! Send us your sketches, designs, or ideas on Twitter, Facebook, or e-mail (**marketing@ mikrotik.com**). The best ones will be polished by our designer (if necessary) and added to the store. And it goes without saying - **you'll receive a free copy of the merch you suggested**! Please, be mindful of copyright and don't submit someone else's work.
We will be waiting for your design files, and will reveal the new merch shop by the next newsletter.
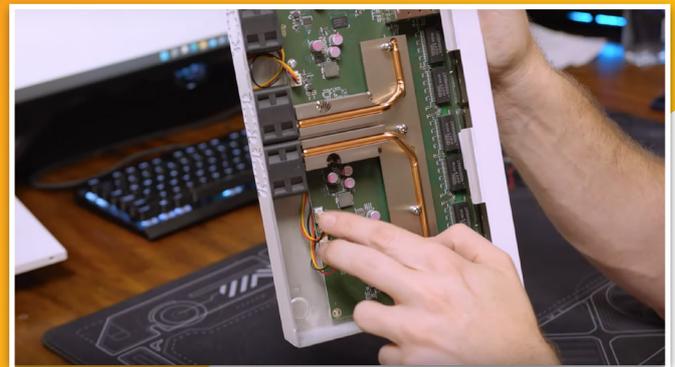
New #MikroTips and tricks!

Even more free knowledge – check out our latest videos on Bluetooth tracking with the KNOT and some Bluetooth tags. You can even set up inventory notifications in case somebody decides to... borrow your stuff.

Tinkering with JayzTwoCents

Check out the unusual switch mod - looks nice and clean, like the car mods in the Need For Speed: Underground 2 videogame!

And there's way more where that came from, so don't forget to subscribe to our **YouTube channel**!

Here you can download all the visuals used in this newsletter