

In this newsletter
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- hEX
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- MikroTik and Ampere
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- New #MikroTips and tricks!
- Spotted in the Wild
- Linus Tech Tips chooses MikroTik

hEX

The classic hEX refresh: same price, twice the performance!

The staple of affordable routing for every home is back – stronger than ever.

\$ 59.95

PDF



#1

#2

#3

old hEX

1764

1802.2

766.4

hEX refresh

4132.4

3646.6

1430.3

+134.26%

+102.34%

+86.63%



512 MB RAM



DC JACK, POE-IN



5X GIGABIT
ETHERNET PORTS



MODERN
DUAL-CORE
ARM64 CPU

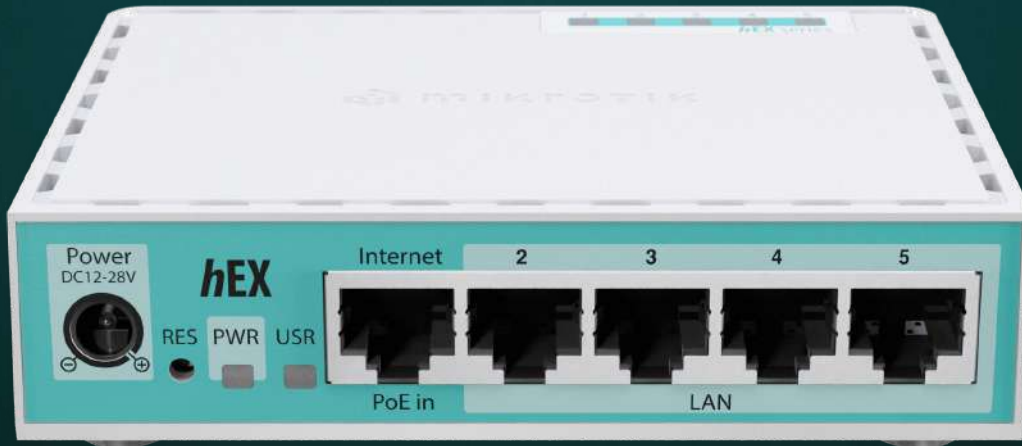


ROUTEROS V7



USB

The affordable, reliable router you know and trust is now stronger than ever. With the latest refresh, the hEX delivers twice the performance for the same great price. Whether you're looking for a rock-solid solution for your home or small office, hEX ensures seamless and stable connectivity with a powerful upgrade: we've **increased the RAM from 256 MB to 512 MB**, and replaced the **CPU** with a **modern ARM64-bit dual-core** workhorse!



Depending on your config, the performance increase can reach 100-134%!

| | Bridging (fast path) Mbps (1518) | Routing (fast path) Mbps (1518) | Routing (25 ip filter rules) Mbps (1518) |
|----------------------------|-------------------------------------|------------------------------------|---|
| old hEX (RB750Gr3) | 1764 | 1802.2 | 766.4 |
| hEX refresh (E50UG) | 4132.4 | 3646.6 | 1430.3 |
| | +134.26% | +102.34% | +86.63% |

With 5x Gigabit Ethernet ports, hEX is the most cost-effective way to interconnect your main home or office devices. And you can use the full-sized USB port to add extra storage to stream high-quality media across devices!



wAP ax

\$ 89

PDF



raising the weatherproof access point performance bar without raising the price!

| | | |
|------------------------------------|---------------------|----------------------------------|
| STEALTHY DESIGN | GIGABIT ETHERNET X2 | POWERFUL DUAL-BAND WI-FI 6 RADIO |
| CLASSIC WAP WEATHERPROOF ENCLOSURE | POE-IN & DC JACK | ROUTEROS V7 |

wAP ax brings fast and reliable Wi-Fi 6 to your countryside getaway or any other challenging environments – like a rural gas station or a bus stop. wAP’s legendary **weatherproof form-factor** has been tested for several generations all across the globe, and remains a favorite among MikroTik users for its simplicity and durability. A mighty dual-band, **dual-chain (2x2 MIMO)** radio ensures fast and reliable wireless connection both indoors and outdoors.



2x2
MIMO

Fully supports the new CAPsMAN for quick and simple centralized management!



| | wAP ac | wAP ax |
|-------------------------|--------------------------|---|
| CPU performance | Quad-core ARM A7 IPQ4018 | Dual-core A53 IPQ5010 (lower power consumption, faster processing) |
| RAM | 128MB DDR3 | 256MB DDR3 |
| Flash size | 16MB SPI | 128MB NAND |
| Wireless max data rates | AC1200 | AX3000 (2.5x higher data rate!) |

Wi-Fi 6: More Than Just Speed

Without a doubt – Wi-Fi 6 is much faster in both 2.4 GHz spectrum (**speed increase up to 90%!)** and 5 GHz spectrum (up to 40% faster!), but there’s so much more to it. Wi-Fi 6 offers significantly **improved energy efficiency and security**. OWE/WPA3-PSK/WPA3-EAP encryption and management frame protection help preventing all sorts of attacks, like brute-forcing and Deauthentication Attacks. And, if you have multiple wAP ax devices over a larger area, you’ll enjoy the improved **seamless fast transition** roaming – your devices will switch to the strongest signal... seamlessly!

Enhanced Hardware for Uninterrupted Connectivity and Simple Management

This compact access point is equipped with a modern dual-core ARM CPU and runs on RouterOS v7, ensuring stable internet and **excellent VPN performance** across your property. The wAP ax also supports our new CAPsMAN for easy centralized management of multiple devices with just a few clicks.

The device features **two Gigabit Ethernet ports**, with **PoE-in** on one for flexible powering options. You can also use the standard DC jack – because we believe in giving you options.



Stealthy Design – Weatherproof and Vandalproof







wAP ax is designed to blend into any environment. Its simple, elegant design doesn't attract any unwanted attention, making it perfect for busy public spaces or private properties alike. wAP can be securely fixed to any external wall or roof from the inside of the case, and there is an opening at the back of the case for running the Ethernet cable directly through the wall, keeping the setup extra discreet and secure.



Chateau PRO ax

\$ 199 PDF 

A Wi-Fi 6 home access point for the advanced users – it comes with an exceptionally powerful wireless system and a matching CPU.





| | | |
|---|--|--|
|  EXTREMELY POWERFUL 2.2 GHZ QUAD-CORE ARM64 CPU |  5X GIGABIT ETHERNET PORTS |  1 GB RAM |
|  USB 3 |  POE-OUT |  ROUTEROS V7, L6 |

Designed with professional users in mind, the Chateau PRO ax Wi-Fi 6 home access point is engineered to squeeze out maximum performance, **handling more traffic than ever before**. With its **unstoppable quad-core ARM CPU running at 2.2 GHz** and our latest cutting-edge wireless chip, Chateau PRO ax leverages **4 spatial streams** to achieve **double the data rate** of the usual dual-chain devices, ensuring that your network is always fast, reliable, and ready to support even the most demanding tasks. Remember – you will need a device that supports 4 spatial streams on the other side of the connection to fully utilize the Chateau PRO ax.

With 5x Gigabit Ethernet ports and a USB 3.0 port, you can transform this Chateau into a home media server by plugging in an additional SSD storage. Or you could use the USB to add an LTE modem for backup!

Advanced container setups, bonding, or high-speed 4x4 MIMO wireless setups – that’s where the Chateau PRO ax can really shine! Also, its increased number of radio transceivers provides **significantly improved wireless coverage** and **beamforming** performance.



-  **Chateau PRO ax**
-  **hAP ax³**
-  **hAP ax²**
-  **hAP ax lite**

