MIKROTIK

hAP be^3 Media

You asked for the ultimate hybrid router. We built something better.
Meet the new hAP be^3 Media, your Wi-Fi 7 hybrid media and automation centre.



Triple band 2x2 MIMO Wi-Fi 7

5 x 2.5G Ethernet

Quad-core up to 1.5 GHz ARM CPU

USB-C + 2x USB-A

Matter/Thread radio

PoE-in and DC jack

Bluetooth 5.4

Container support

microSD card slot

Triple-band 2x2 MIMO Wi-Fi 7. Is this heaven?

The hAP be^3 Media delivers true Wi-Fi 7 performance across the 2.4, 5, and 6 GHz bands. Expect higher throughput, lower latency, improved security, and better spectral efficiency. The wide 6 GHz band offers more clean spectrum, helping reduce congestion in busy environments.

Also, hAP be^3 Media supports Wi-Fi 7 Multi-Link Operation (MLO) in TR-MLMR (AP mode).

Whether you are running a multi-device setup, a network lab, workstations, VR headsets, NAS backups, cloud sync, or high-resolution media streaming, everything can run simultaneously without competing for airtime. More bands mean more capacity, smoother performance, and a wireless experience that finally keeps up with modern workloads.

Wireless band	Wireless band	Wireless band
2.4 GHz	5 GHz	6 GHz
Antenna gain	Antenna gain	Antenna gain
4 dBi	**7.5 dBi**	**8 dBi**

Check out our YouTube and TikTube videos for this product!



2.5 Gigabit Ethernet on all ports

That's right – no more bottlenecks! Ultra-fast ISP uplink, NAS servers, workstations – you can have it all!

A modern hybrid media center

With USB-C, two USB-A ports, and a microSD card slot, hAP be^3 Media becomes the heart of your local media storage. Use flash storage for backups, photos, surveillance footage or a secure cloud alternative.

Self-hosted password managers, documents and services – that is the way in 2026, if you care about privacy and security. Store automation data and container workloads without relying on external servers. Everything stays fast, local, and **fully under your control**. Also, with the MikroTik BTH app and the improved File share functionality in WinBox, you can share large files without worrying about expired links, delays or privacy.



Matter matters: smart Internet-of-things integration has never been easier

With Wi-Fi 7, Bluetooth 5.4, and RouterOS v7, hAP be^3 Media provides a solid foundation for modern IoT setups. A built-in Thread radio and full container support allow users to deploy Matter-over-Thread IoT automation solutions that remain local, private, and fully customizable.



Impressive quad-core performance for container-heavy, creative workflows

Powered by a modern 1.5 GHz quad core CPU and built on an efficient ARM64 architecture, hAP be^3 Media is ready for far more than traditional networking. Containers, local dashboards, scripting, complex firewall rules, encryption, multiple VPNs, BGP and advanced routing all run smoothly on a single, compact device. This is performance you can rely on today, and capacity that will stay ahead of your everyday needs for years to come.

And if you think containers are complicated – think again! We've included a simple one-click setup page in WinBox where you can enable the desired container apps.

From visualizing network topology and hosting lightweight websites to running custom dashboards, security tools or even experimental local AI assistants, containers open the door to a whole new set of possibilities.

As always, the full feature set of hAP be^3 Media is available to you without any subscriptions or paywalls. You buy it – you own it, that's a MikroTik guarantee!



Specifications

Product code	MA53UG+HbeH		
CPU	Quad-core IPQ-5322 up to 1.5 GHz		
CPU Architecture	ARM 64bit		
Size of RAM	2 GB		
RAM type	DDR4		
Storage	NAND 512 MB		
Number of 2.5G Ethernet ports	5 (1 port with PoE-in)		
USB ports	3 (1 USB Type C + 2x USB 3.0 Type A)		
Memory card	microSD		
Switch chip model	QCA8386		
Wireless interface model	IPQ-5322	QCN-6274	QCN-6274
Wireless band	2.4 GHz (2x2 MIMO)	5 GHz (2x2 MIMO)	6 GHz (2x2 MIMO)
Max data rate, Mb/s	574 RX, 688 TX	2882	5764
Supported protocol	802.11b/g/n/ax/be	802.11a/n/ac/ax/be	802.11ax/be
Antenna gain	4 dBi	7.5 dBi	8 dBi
WiFi 7 Multi-Link Operation (MLO)	Supported (TR-MLMR in AP mode)		
Bluetooth	5.4		
Dimensions	187 x 142 x 95 mm		
Operating system	RouterOS v7, License level 6		
Operating temperature	-30°C to +50°C		

Powering

Number of DC inputs	2 (DC jack, PoE-In)
DC jack input Voltage	24-57 V
PoE-In input Voltage	24-57 V
Power adapter nominal voltage	24 V
Power adapter nominal current	1.5 A
PoE-in	802.3af/at
Max power consumption (without attachments)	20 W
Max power consumption	29 W

Included parts



24 V 1.5 A power adapter



Case mount



MT Torx (T30 PIN)

Dimensions





