



MIKROTIK A42G-HBEP HAP BE LITE WI-FI 7 ROUTER & ACCESS POINT



link to the product:

<https://www.batna24.com/gb/p/routers/mikrotik-a42g-hbep-hap-be-lite-wi-fi-7-router-access-point>

Price: **276.17 zł** gross / 224.53 zł net



Manufacturer: MIKROTIK

Referention number: DNXXGKONRKRMLH

Information:

hAP be lite is a compact Wi-Fi 7 BE3600 router that provides a total wireless speed of up to 3600 Mb/s and works excellently in crowded home and office networks. Multi-Link Operation technology reduces latency and helps avoid congestion, while the triple 5 GHz 3x3 module with 7 dBi gain increases range and connection stability. The device also offers a 2.5 Gigabit Ethernet port for fast wired connections, RouterOS v7 with full control over the network, USB-C 5 V power supply, quiet passive operation, and the ability to centrally manage multiple access points thanks to CAPsMAN.

Full product description

Fast BE3600 wireless network in the Wi-Fi 7 standard

The hAP be lite router is a compact networking device that brings the **Wi-Fi 7** standard to homes and offices, guaranteeing a total wireless speed of up to **3600 Mb/s**. The device is designed for use in heavily congested radio environments, where many devices are simultaneously competing for access to the bandwidth. Thanks to Multi-Link Operation technology, the device drastically reduces data transmission latency.



Key advantages

- Wireless transmission **Wi-Fi 7 (BE3600)** – ensures smooth video streaming and lightning-fast file downloads on smartphones and laptops.
- **Multi-Link Operation (MLO)** technology – enables simultaneous use of several frequency bands, eliminating network congestion.
- **2.5 Gigabit Ethernet** wired port – guarantees a fast cable connection for NAS servers, consoles or workstations.
- **RouterOS v7** operating system with level 4 licence – gives full control over the network without subscriptions or hidden fees.
- Power supply via **USB-C** port – makes it easy to connect the router using standard 5 V power adapters.
- Three-antenna **5 GHz (3x3)** radio module – increases range and signal stability in rooms with challenging structural characteristics.



Efficient 5 GHz band with triple-antenna design

The device is equipped with an advanced 5 GHz radio module operating in a **3x3 (triple-chain)** configuration, which generates an antenna gain of **7 dBi**. This design provides a maximum transmission speed of up to **2882 Mb/s** in this band. Additional transmit and receive paths

effectively penetrate walls and ceilings, delivering a stable signal to distant rooms.



2.5G Ethernet wired port for special tasks

In addition to three standard gigabit sockets, the router has one **2.5 Gigabit Ethernet** port. This socket eliminates bottlenecks when transferring huge data packets, connecting the router to modern fibre-optic modems or local network drives. The wired architecture guarantees stable cooperation with the most demanding elements of office infrastructure.



Advanced traffic management thanks to RouterOS v7

The use of professional **RouterOS v7** software allows the network architecture to be shaped as required. The user gains the ability to create VLAN virtual local networks, configure secure VPN tunnels and implement strict firewall rules. The system has no artificial licensing restrictions, offering full functionality from the moment of first start-up.



Dual-core ARM processor and stable RAM

Smooth operation of network mechanisms and fast packet processing are thanks to the dual-core **ARM processor clocked at 950 MHz**. The unit works closely with **512 MB RAM**. This hardware configuration guarantees that the router remains fully responsive even during intensive network use by many users at the same time.



Low power consumption and universal USB-C power supply

The router design focuses on energy efficiency, limiting maximum power consumption to just **12 W**. The use of a **USB-C** power socket with 5 V significantly increases the versatility of the device, making it easier to integrate in places with limited space. The passive cooling system eliminates noise, ensuring silent operation around the clock.



Central network management with CAPsMAN

The device works perfectly as a controller for larger wireless structures thanks to the **CAPsMAN** tool. This function enables central control of multiple access points from a single configuration interface. This solution speeds up the update process, makes it easier to monitor radio traffic and allows you to build a coherent network environment.

