



## MIKROTIK MA53UG+HBEH



link to the product: <https://www.batna24.com/gb/p/routers/mikrotik-ma53ughbeh>

Price: **651.17 zł** gross / 529.41 zł net



Manufacturer: MIKROTIK

Referention number: DNXGKJLNHRMMKO

### Information:

hAP be<sup>3</sup> Media is an advanced router and multimedia centre with Wi-Fi 7 in three bands: 2.4 GHz, 5 GHz and 6 GHz, providing a stable, fast connection even with many devices. It is equipped with five 2.5G Ethernet ports, a quad-core 1.5 GHz ARM processor, 2 GB of RAM and RouterOS v7, enabling efficient handling of VPN, firewall, containers and automation. Built-in Thread and Bluetooth 5.4 modules make smart home integration easier, while three USB ports and a microSD card reader allow you to create a local cloud, back up data and share files without a subscription. Passive cooling guarantees quiet, reliable operation.

### Full product description

### Fast data transfer without interference thanks to tri-band Wi-Fi 7

The hAP be<sup>3</sup> Media network platform is an advanced hybrid router and multimedia centre supporting the **Wi-Fi 7** standard. The device eliminates the problem of congested radio bands in offices and homes, offering simultaneous communication on 2.4 GHz, 5 GHz and the clean 6 GHz band. The equipment distributes wireless signal without delays, making it easier to support multiple devices at once, such as VR headsets, workstations or NAS network drives.



### Key advantages

- Three radio bands (**2.4 GHz, 5 GHz, 6 GHz**) – prevent wave overlap and guarantee a stable connection in densely built-up areas.
- Five **2.5 Gigabit** Ethernet ports – remove wired speed limitations, guaranteeing full throughput for servers and computers.
- Quad-core **ARM 1.5 GHz** processor – ensures smooth handling of firewall rules, VPN encryption and containerisation.
- Built-in **Thread and Bluetooth 5.4** radio – offers direct integration with home automation systems and IoT devices.
- **2 GB** RAM – allows local applications, databases and control dashboards to run without performance drops.
- Three USB ports and a **microSD** card reader – turn the device into a private family cloud and local storage for backups.



### Five 2.5G ports

The device abandons older wired standards in favour of five symmetrical Ethernet ports with a throughput of **2.5 Gb/s** each. This configuration makes it possible to fully use the potential of fast fibre connections from internet providers. The wired ports shorten the time needed to transfer gigabyte archives to network drives and eliminate buffering of 4K and 8K video materials on local editing stations.



## USB ports and microSD card reader

The use of a USB-C connector, two USB-A ports and a microSD card slot allows the router to be transformed into the physical heart of a home data archive. The user retains full control over files, giving up paid subscriptions from external cloud providers. The system supports local password managers and smartphone backups, and the dedicated **MikroTik BTH** mobile app enables instant sharing of large files without the risk of links expiring.



## Thread and Matter standard

Thanks to the integration of the Thread radio module and **Bluetooth 5.4** technology, the equipment serves as a stable central point for smart home installations. The device processes automation scenarios locally, which means that motion sensors, smart sockets and lighting work efficiently even in the event of a complete loss of external internet connection. The **RouterOS v7** software also guarantees secure isolation of IoT devices from the main business or home network.



## Container support

The powerful **IPQ-5322** processor based on the ARM64 architecture allows container applications to be run directly. The user gains the option to deploy their own network tools, ad blockers or automation servers using a simple wizard in WinBox. MikroTik provides a complete package of operating system functions at **Licence level 6**, which means perpetual access to all updates and solutions without the need to pay any subscriptions.



## Passive cooling

The device design is based on efficient passive heat dissipation, which guarantees completely silent operation around the clock. The absence of moving mechanical parts eliminates the risk of fan failure due to dust. The housing protects the components and ensures structural stability within the tested ambient temperature range **from -30°C to 50°C**, so the router remains operational both in unheated server rooms and in installation cabinets.



## Specification

| Parameter                            | Value                                             |
|--------------------------------------|---------------------------------------------------|
| <b>Product code</b>                  | MA53UG+HbeH                                       |
| <b>Architecture</b>                  | ARM 64-bit                                        |
| <b>Processor (CPU)</b>               | IPQ-5322 (4 cores, up to 1.5 GHz)                 |
| <b>RAM</b>                           | 2 GB                                              |
| <b>Built-in memory</b>               | 512 MB NAND                                       |
| <b>Operating system</b>              | RouterOS v7 (Licence level 6)                     |
| <b>Ethernet ports</b>                | 5x 2.5 Gigabit Ethernet (2500 Mb/s)               |
| <b>Wi-Fi wireless connectivity</b>   | Wi-Fi 7 (2.4 GHz, 5 GHz, 6 GHz)                   |
| <b>Maximum Wi-Fi speed (6 GHz)</b>   | 5764 Mbit/s                                       |
| <b>Maximum Wi-Fi speed (5 GHz)</b>   | 1200 Mbit/s                                       |
| <b>Maximum Wi-Fi speed (2.4 GHz)</b> | 574 Mbit/s                                        |
| <b>Antenna gain</b>                  | 4 dBi (2.4 GHz), 7.5 dBi (5 GHz), 8 dBi (6 GHz)   |
| <b>Additional interfaces</b>         | 1x USB-C, 2x USB 3.0 type A, 1x microSD card slot |
| <b>IoT radio modules</b>             | Thread, Bluetooth 5.4                             |
| <b>Power supply</b>                  | 2 inputs (DC Jack and PoE-in 802.3af/at 24-57 V)  |
| <b>Maximum power consumption</b>     | 29 W (20 W without accessories)                   |
| <b>Cooling</b>                       | Passive                                           |
| <b>Operating temperature</b>         | from -30°C to 50°C                                |