

RBA42G-HBEP

MikroTik hAP be Lite Wi-Fi 7 router & access point

Product Overview

MikroTik hAP be Lite Wi-Fi 7 Router & Access Point, RBA42G-HBEP, RouterOS V7 Operating System, 512 MB RAM, 128 MB storage size, 688 Mbit/s Wireless 2.4GHz Max Data rate, 2882 Mbit/s Wireless 5GHz Max Data rate, BE3600 WiFi Speed, 3x Gigabit Ethernet Ports, 1x 2.5GbE Ethernet Ports



Specifications

Overview Summary:

The MikroTik hAP be Lite Wi-Fi 7 Router & Access Point delivers fast, reliable wireless networking with BE3600 Wi-Fi 7 performance, RouterOS v7, and flexible advanced networking features. Equipped with one 2.5 Gigabit Ethernet port, three Gigabit Ethernet ports, USB-C power, and dual-band Wi-Fi 7, it is an excellent choice for homes, small businesses, and advanced users looking for complete network control. Buy now and enjoy next-generation wireless performance with easy expansion for modern devices.

Powered by a dual-core ARM processor with 512 MB RAM, the hAP be Lite supports VLANs, VPNs, firewall rules, traffic shaping, scripting, and centralized access point management through CAPsMAN. Its compact design makes installation simple while providing dependable performance for demanding everyday networking. Shop now for a powerful and future-ready MikroTik networking solution.

Performance tier:Mid-to-High Performance

Uses:Home networking, small office networking, Wi-Fi 7 upgrades, VPN connectivity, VLAN management, network security, NAS connectivity, access point deployment, advanced RouterOS configurations

Overview:

MikroTik hAP be lite Wi-Fi 7 Router and Access Point RBA42G-HBEP

The MikroTik hAP be lite is an affordable Wi-Fi 7 router and access point designed for users who need modern wireless performance combined with the flexibility of RouterOS. Featuring Wi-Fi 7 Multi-Link Operation, BE3600 wireless speeds, a 2.5 Gigabit Ethernet port, Gigabit Ethernet connectivity, and USB-C power support, this compact networking solution is ideal for homes, offices, and advanced users looking for reliable connectivity without unnecessary complexity.

Description:

The MikroTik hAP be lite RBA42G-HBEP delivers next-generation Wi-Fi 7 performance in a compact and energy-efficient design. It combines powerful dual-band wireless technology, flexible RouterOS management, and high-speed wired networking options to support everything from everyday internet access to advanced network configurations. With support for multiple devices, improved wireless efficiency, and professional-level networking controls, it provides excellent value for users who want more control over their network.

Features:

Compact Wi-Fi 7 Router for Modern Networks

The hAP be lite brings Wi-Fi 7 technology to a cost-effective platform without compromising on essential performance. It is built for environments where multiple devices compete for wireless bandwidth, helping maintain smooth connections for laptops, smartphones, tablets, smart devices, and other connected equipment.

Wi-Fi 7 Multi-Link Operation improves connection efficiency by allowing compatible devices to use multiple wireless bands more effectively. The dual-band design includes enhanced antenna performance to provide strong coverage and reliable wireless communication.

Key wireless capabilities include:

- BE3600 Wi-Fi performance for fast everyday wireless connectivity
- 5 GHz triple-chain radio with 7 dBi antenna gain
- 2.4 GHz dual-chain radio with 4.4 dBi antenna gain
- Wi-Fi 7 Multi-Link Operation for improved efficiency in busy wireless environments

High-Speed Wired Connectivity with 2.5GbE Support

For devices that require stable and fast connections, the MikroTik hAP be lite includes a combination of Gigabit and 2.5 Gigabit Ethernet ports. The 2.5GbE port provides additional bandwidth for high-performance uplinks, network storage devices, workstations, or other demanding applications.

Wired connectivity includes:

- 1x 2.5 Gigabit Ethernet port
- 3x Gigabit Ethernet ports

This flexible port arrangement makes the hAP be lite suitable as a primary router, wireless access point, or part of a larger managed network environment.

RouterOS Flexibility for Advanced Network Management

Powered by MikroTik RouterOS V7, the hAP be lite provides extensive configuration options for users who want complete control over their network. The powerful operating system supports advanced routing, security, and traffic management

functions normally found in higher-end networking equipment.

RouterOS capabilities include:

- VLAN configuration for network segmentation
- VPN setup for secure remote connections
- Traffic shaping and bandwidth management
- Advanced firewall rules
- Automation using scripting tools
- Centralized access point management with updated CAPsMAN support

With no subscription requirements or locked features, RouterOS allows users to customize their network according to their specific needs.

Efficient Hardware and Easy Installation

The MikroTik hAP be lite is designed for flexible placement with low power consumption and USB-C powering support. Its compact form factor makes it suitable for desks, offices, homes, and locations where space is limited.

Hardware specifications:

- Part Number / SKU: RBA42G-HBEP
- Operating system: RouterOS V7
- CPU: Dual-core ARM processor running at 950 MHz
- Memory: 512 MB DDR3 RAM
- Storage: 128 MB
- Maximum power consumption: Up to 12 W
- Power input: USB-C

Reliable Networking Solution for Homes and Small Businesses

The MikroTik hAP be lite combines affordable Wi-Fi 7 technology with professional networking features, making it a strong choice for users who need more than a basic wireless router. Whether used for home networking, small business connectivity, or advanced network projects, it provides the speed, flexibility, and control expected from MikroTik equipment.

Performance tier:Advanced Wi-Fi 7 router and access point for home users, enthusiasts, and small business networks.

Uses:Home internet sharing, wireless access point deployment, small office networks, VLAN environments, VPN connectivity, NAS connections, managed Wi-Fi setups, and advanced RouterOS networking projects.

Specifications:

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.	
Specifications	
Product Code	RBA42G-HBEP
Specifications	
Product code	A42G-HbeP
Architecture	ARM 32bit
CPU	AN7563PT

ComX Computers

Product Specification Sheet

CPU core count	2
CPU nominal frequency	950 MHz
CPU Threads count	2
Switch chip model	AN7563PT
RouterOS license	4
Operating System	RouterOS v7
Size of RAM	512 MB
Storage size	128 MB
Storage type	NAND
MTBF	Approximately 100'000 hours at 25C
Tested ambient temperature	-40degreesC to 50degreesC
Wireless capabilities	
Wireless 2.4 GHz Max data rate	688 Mbit/s
Wireless 2.4 GHz Number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n/ax/be
Antenna gain dBi for 2.4 GHz	4.4
Wireless 2.4 GHz chip model	MT7991
Wireless 2.4 GHz generation	Wi-Fi 7
Wireless 5 GHz Max data rate	2882 Mbit/s
Wireless 5 GHz Number of chains	3
Wireless 5 GHz standards	802.11a/n/ac/ax/be
Antenna gain dBi for 5 GHz	7
Wireless 5 GHz chip model	MT7991
Wireless 5 GHz generation	Wi-Fi 7
WiFi speed	BE3600
Ethernet	
10/100/1000 Ethernet ports	3
Number of 2.5G Ethernet ports	1
Powering	
Number of DC inputs	1
	(USB-C)
Max power consumption	12 W
Cooling type	Passive
USB C input Voltage	5 V
Certification & Approvals	
Certification	CE, FCC, IC, EAC, ROHS
IP	20

ComX Computers

Product Specification Sheet

Other	
CPU temperature monitor	Yes
Included parts	5 V 2.4 A power adapter (black)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/RBA42G-HBEP-MikroTik-hAP-be-Lite-Wi-Fi-7-router-access-Buy-p-338635.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-14 07:55:15.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.