MikroTik

hAP ac³

A wireless dual-band router with 5 Gigabit Ethernet ports.
The right choice for most homes!



- 5x Gigabit Ethernet ports
- iOS/Android app for quick and easy configuration
- USB port
- 128 MB NAND
- PoE-in/PoE-out
- Strong dual-chain dual-band 2.4/5 GHz Wireless
- Powerful external high gain antennas (3 – 5.5 dBi)
- Quad-core CPU
- Extreme versatility with the powerful RouterOS

Forget about endless searching for the perfect router and scrolling through an eternity of reviews and specifications! We have created a single affordable home access point that has all the features you might need for years to come.

Next level signal

Is your old router struggling to reach every corner of your home? Well, forget about that! We have included external high gain wireless antennas with outstanding coverage. Only strong and stable wireless connection in every room from now on! Also, you can use the built-in RP-SMA female connectors to supercharge the coverage even further by adding an external antenna of your choice.

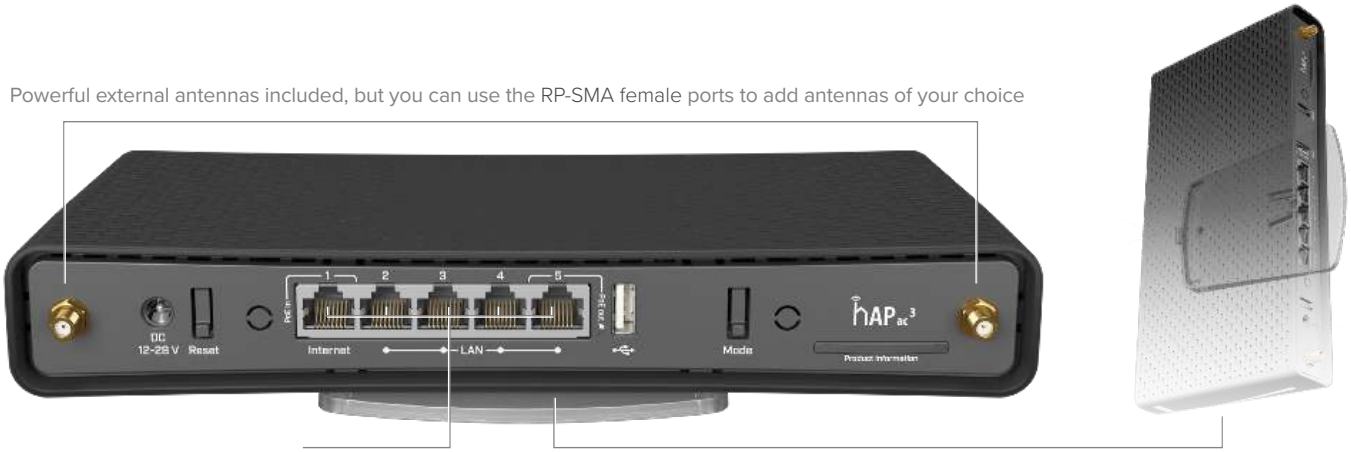


hAP ac^3 - the new standard of home access points.

Function, form, versatility

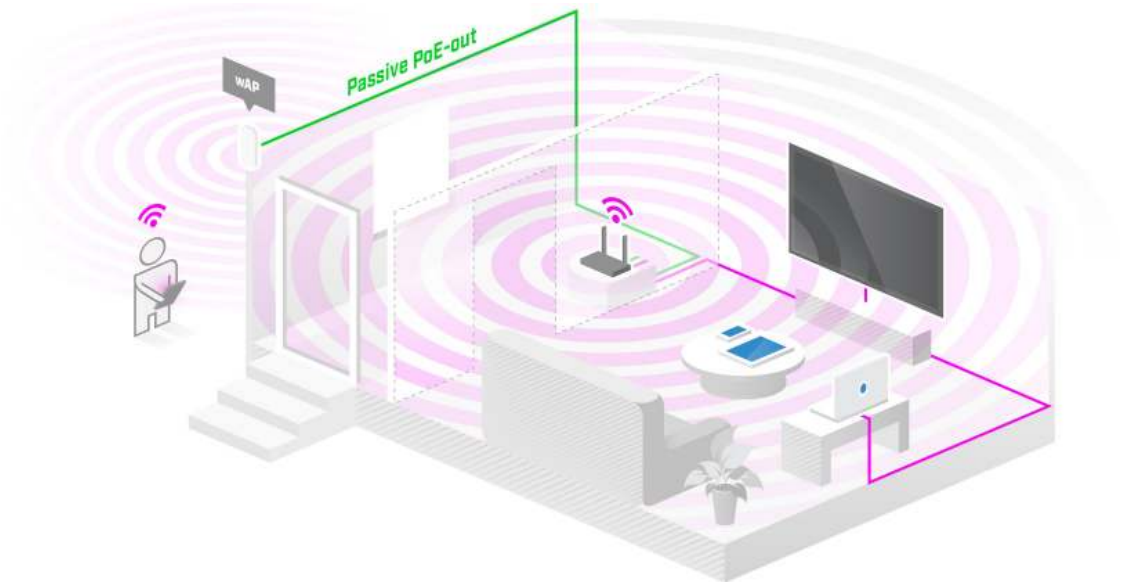
With 5 Gigabit Ethernet ports, 256 MB of RAM and quad-core CPU, hAP ac^3 can satisfy even the biggest and most demanding households. With PoE support, it can power or be powered by other devices. There is a 128 MB NAND and a full-size USB port that you can use to add extra storage. The new enclosure allows mounting the device vertically or horizontally. A wall mount set is also included.

Powerful external antennas included, but you can use the RP-SMA female ports to add antennas of your choice



Reliable connection for all your devices

Stop sharing the frequency with all your neighbors! Strong **dual-chain dual-band** 2.4/5 GHz wireless for concurrent coverage will solve most interference issues in a crowded environment. This is a must-have these days! You can use the 2.4 GHz channel for older devices and the 5 GHz channel for everything else, since this frequency is less cluttered.



RouterOS – extreme versatility

Run a secure VPN from the office directly to your home, enable parental control, Quality of Service (traffic prioritization for certain needs, such as streaming), specific firewall rules, IPsec hardware acceleration, VLAN, DHCP, e-mail or SMS notifications, and so on. With RouterOS scripting you can automate a lot:

- modify queues based on bandwidth usage;
- complex trigger notifications, such as “Your bandwidth has reached X for Y minutes!”
- backups and setup of additional devices, and so much more!

If you can imagine it – RouterOS can achieve it. You can even install RouterOS on a PC or a virtual machine for even more networking experiments!
We also include a free handy tool for centralized management of all your wireless MikroTik devices – the CAPsMAN. Unlike traditional controller software, CAPsMAN doesn’t require a separate device to run, it can use any existing RouterOS device in your network.
We have been making our own software since 1996. With each new version our priority remained the same: to provide users with the freedom to explore different setups and always have the right tools for the job. Without unnecessary paywalls.

Specifications

Product code	RBD53iG-5HacD2HnD
CPU	4 core IPQ-4019 716 MHz
Number of 1GbE ports	5
Number of 1GbE ports with PoE-out	1
Size of RAM	256 MB
Size of NAND	128 MB
Wireless	2.4 GHz 802.11 b/g/n dual-chain, 5 GHz 802.11 a/n/ac dual-chain
Wireless regulations	Specific frequency range and power will be limited by country regulations
Wireless antenna max gain	2.4 GHz (3 dBi), 5 GHz (5.5 dBi)
Antenna beam width	360°
Antenna connector	RP-SMA female
Dimensions	251 x 129 x 39 mm
Operating system	RouterOS, License level 4
USB port	1 USB 2.0 port type A
Operating temperature	-40°C to +70°C

Powering

PoE-in	Passive PoE
PoE-out *	Passive PoE
Supported input voltage	DC jack (12 - 28 V) PoE-in (18-28 V)
Power adapter nominal voltage	24 V
Power adapter nominal current	1.5 A
Max out per port output (input < 30 V)	0.5 A
Max power consumption without attachments	12 W
Max power consumption	30 W

** If PoE-out used, then input voltage (DC jack, PoE-in) should be > = 24 V*

Certification & Approvals

Certification	CE, FCC, IC

Wireless specifications

Rate (2.4 GHz)	Tx (dBm)	Rx (dBm)
1Mbit/s	25	-100
11Mbit/s	25	-94
6Mbit/s	26	-96
54Mbit/s	23	-78
MCS0	26	-96
MCS7	22	-73

Rate (5 GHz)	Tx (dBm)	Rx (dBm)
6MBit/s	26	-96
54MBit/s	22	-80
MCS0	26	-96
MCS7	21	-75
MCS9	19	-70

Included parts



24 V 1.5 A
power adapter



Base leg
and pads



K-47
fastening set



HGO indoor
antenna kit