

# Mikrotik cAP ax

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Mikrotik	

When it comes to wireless network in the office, you can't afford to cut corners and risk inhibiting your team's performance. You need excellent coverage throughout the premises. You need a device that can handle a large number of clients. You need a reliable, flexible, cost-effective solution: the cAP ax!

Both open office and cubicle layouts usually encounter a variety of network issues: signal gets absorbed, reflected, it becomes unstable. Mirrors, tinted glass, TVs, metal file cabinets – all sorts of things can get in the way. Our solution is simple, effective, and elegant: let your access point rise above all the obstacles! In other words, a ceiling access point is a great way to prevent signal loss in large, crowded areas with many obstacles.

There is another benefit to this form-factor: cAP ax remains hidden in plain sight, attracting less unwanted attention than a smoke sensor. Your clients, guests, or colleagues won't even notice it. But they will definitely notice the blazing-fast wireless connection!

With the Generation6 802.11ax wireless standard, we're looking at up to 40% higher speed in the 5 GHz and up to 90% higher speed in the 2.4 GHz spectrum, if we compare it to the previous generations! But what's more important than speed is the stability. Our latest AX devices can withstand and navigate even the toughest wireless interference scenarios, offering the most stable and uninterrupted signal to date!

cAP ax features a modern quad-core CPU running at 1.8 GHz, NAND storage, and a gigabyte of RAM. Enough to harvest the full potential of the most powerful networking software on the market – RouterOS v7! Complex firewall rules, IPsec hardware encryption, Wireguard, BGP, advanced routing, or multiple remote work VPN tunnels – cAP ax can do it all!

Compared to the previous generation, cAP ax offers multiple enhanced authentication types: OWE, WPA3-PSK, WPA3- EAP, and 802.11r roaming.

cAP ax is also a great way to make your office network installation and maintenance so much easier, as it features PoE-in and PoE-out. That's right – you can use cAP ax to power other devices, such as network switches, CCTV cameras, or even another cAP ax! And, speaking of easy office networks... Just a few clicks in our latest wifiwave2 CAPsMAN central management system - and you're done setting up hundreds of cAP ax devices! You can use all sorts of MikroTik devices to run CAPsMAN effortlessly, for example - your main gateway.

## Zusammenfassung

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Mikrotik cAP ax, 2.4 GHz, 5 GHz, 1774 Mbit/s, WPA3-EAP, WPA3-PSK, 10,100,1000 Mbit/s

Mikrotik cAP ax. 2.4 GHz, 5 GHz, Maximum data transfer rate: 1774 Mbit/s. Security algorithms: WPA3-EAP, WPA3-PSK. Ethernet LAN data rates: 10,100,1000 Mbit/s. Power over Ethernet (PoE). Product colour: White. Power consumption (max): 28.2 W

## Merkmale

		Weight & dimensions	
<b>Antenna</b>		Width	228 mm
Antenna type	Internal	Depth	228 mm
		Height	48 mm
<b>Certificates</b>		<b>Packaging content</b>	
Certification	CE, FCC, IC, EAC, ROHS	Quantity per pack	1 pc(s)
		AC adapter included	Yes
		PoE adapter included	Yes
		Mounting kit	Yes
<b>Operational conditions</b>		<b>Performance</b>	
Operating temperature (T-T)	-40 - 70 °C	Built-in processor	Yes
		Processor model	IPQ-6010
<b>Security</b>		Internal memory	128 MB
Security algorithms	WPA3-EAP, WPA3-PSK	Operating system installed	RouterOS
<b>Ports &amp; interfaces</b>		<b>Power</b>	
Ethernet LAN (RJ-45) ports	2	Power over Ethernet (PoE)	Yes
DC-in jack	Yes	Power over Ethernet (PoE) type supported	Passive PoE
<b>Design</b>		DC voltage range	18 - 57 V
		Output current	0.4 A
		Power consumption (max)	28.2 W

Placement	Ceiling
Product colour	White
International Protection (IP) code	IP20

## Features

2.4 GHz	Yes
5 GHz	Yes
6 GHz	No
Maximum data transfer rate	1774 Mbit/s
Maximum data transfer rate (2.4 GHz)	574 Mbit/s
Maximum data transfer rate (5 GHz)	1200 Mbit/s
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.