



cAP LTE12 ax

for all your business needs,
even without a dedicated ISP connection!



802.11ax
Wireless



2 x
1 GIGABIT
ETHERNET PORTS
(SUPPORT 10M / 100M / 1G SPEEDS)



MULTIPLE POWERING
OPTIONS



BUILT-IN CAT12
600 MBPS LTE MODEM



REMAINS HIDDEN IN
PLAIN SIGHT



MODERN QUAD-CORE
1.8 GHZ CPU



ROUTEROS V7



MANAGE HUNDREDS OF
DEVICES EASILY WITH CAPsMAN
MANAGEMENT SYSTEM!



POE-IN & POE-OUT TO
POWER OTHER DEVICES



1GB RAM

When it comes to providing reliable wireless connectivity in busy business environments, you need a solution that is both powerful and discreet. Whether you're running an open-air pop-up store, a festival food stand, or a cozy coffee shop in the park, you need a device that can withstand the challenges of busy, high-traffic areas. You need cAP LTE12 ax – with its fast, reliable mobile internet and incredible Wi-Fi 6 coverage for you and your clients!

Elevate Your Connectivity: literally and figuratively

In bustling high-traffic spaces, traditional access points can face numerous obstacles - devices get knocked over, misplaced, or even stolen. The cAP offers a simple yet effective solution: mount your access point on the ceiling. Not only this way of mounting elevates the device physically, it also ensures optimal signal distribution, minimizes interference from obstacles and reduces the risk of theft. Also, you'll have less cables and devices in your workspace to worry about – it's a win-win scenario!



More Than Just an Access Point

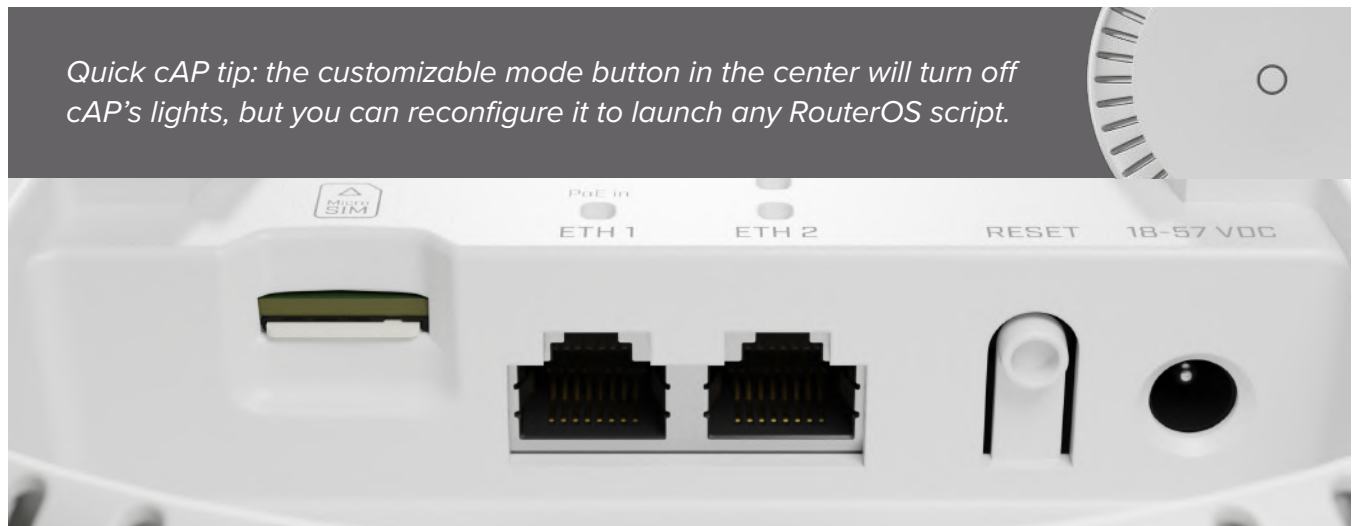
With a **powerful quad-core ARM CPU** running at 1.8 GHz, **gigabyte of RAM**, and the extremely flexible **RouterOS v7** at its core, the cAP LTE12 ax is far more than just a simple access point. It offers a range of advanced features, including complex firewall rules, IPsec hardware encryption, Wireguard support, advanced routing, multiple VPN tunnels for remote work or file-sharing, and even some light BGP action! This makes it an ideal solution for businesses that require secure, high-performance mobile connectivity in challenging environments.

Unstoppable 802.11ax (Wi-Fi 6) Radio and Improved Security

With Wi-Fi 6, you can utilize the full potential of the speedy CAT12 600 Mbps LTE modem. 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. Also, Wi-Fi 6 offers significantly improved energy efficiency and security. OWE/WPA3-PSK/WPA3-EAP encryption and management frame protection help preventing all sorts of attacks, like brute-forcing and Deauthentication Attacks.

If you have multiple access points over a larger area, you'll enjoy the improved seamless fast transition roaming – your devices will switch to the strongest signal... seamlessly!

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 **wifi-qcom 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.



• Specifications

Product code	cAPGi-5HaxD2HaxD&EG12-EA
CPU	Quad-Core auto (864 - 1800 MHz)
CPU architecture	ARM 64bit
Size of RAM	1 GB
RAM type	DDR3L
Storage	128 MB, NAND
Number of 1G Ethernet ports	2
Switch chip model	IPQ-6010
Wireless interface model	QCN-5022 (2.4 GHz), QCN-5022 (5 GHz)
Wireless	2.4 GHz 802.11b/g/n/ax, 5 GHz 802.11a/n/ac/ax
Antenna gain	2.4 GHz - 6 dBi, 5 GHz - 5.5 dBi
LTE category	12 (600Mbps Downlink, 150Mbps Uplink)
LTE modem	EG12-EA
SIM slot	1 (Micro SIM)
TAC	86056104
LTE FDD bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900MHz) / 20 (800 MHz) / 28 (700MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R8 (42.2Mbps Downlink, 11.2Mbps Uplink)
3G Bands	1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz)
Dimensions	228 x 48 mm
Operating system	RouterOS v7, License level 4
Operating temperature	-40°C to +50°C

• Powering

Number of DC inputs	2 (PoE-In, DC jack)
PoE-In input Voltage	18-57 V
DC jack input Voltage	18-57 V
Power adapter nominal voltage	48 V
Power adapter nominal current	0.95 A
PoE-In	802.3af/at
PoE-Out	Passive PoE up to 57V
Smart PoE	Controller
Max out per port output (input < 30 V)	0.6 A
Max out per port output (input > 30 V)	0.4 A
Max total out	0.6 A
Total output power	22.8 W
Total output current	0.6 A
Max power consumption (without attachments)	13 W
Max power consumption	33 W

• Included parts



48 V 0.95 A power adapter



Gigabit PoE injector



Ceiling mount



Fastening set