MIKROTIK

wAP ax LTE7 kit

Blends in. Reaches far.
A legendary form factor reimagined — now even tougher.

A weatherproof Wi-Fi 6 access point with CAT7 LTE and strong dual-band antennas for reliable full property coverage in challenging environments.

2x2 MIMO

IP66

IP66 weatherproof enclosure

Stealthy design

Gigabit Ethernet x2

Expanded frequency support (B28 & B32)

Latest CAT 7 LTE modem

PoE-In & DC jack

Powerful dual-band Wi-Fi 6 radio

Improved next-gen wAP weatherproof enclosure

RouterOS v7

wAP ax LTE7 kit brings fast and reliable Wi-Fi 6 to your countryside getaway or any other challenging environment – like a rural gas station or a bus stop. The updated enclosure enhances durability even further and features a concealed anti-vandal screw behind the MikroTik logo for added security..

Now upgraded with a **CAT7 LTE** modem, **doubled upload speeds**, and a more **powerful ARM** platform, this generation raises the performance bar without changing what people love about wAP or raising the price.

A mighty dual-band, dual-chain (2x2 MIMO) radio ensures strong wireless coverage across your home, yard, or business premises – enhanced by higher antenna gain and a redesigned LTE antenna system for improved signal quality, greater range, and better stability in challenging environments.

Why upgrade to CAT7?

• Twice the upload speed (Depending on the LTE tower infrastructure and other variables)

• Expanded frequency support, including Band 28 (700 MHz) & Band 32 (1500 MHz) for better performance in congested areas

• Carrier aggregation (2×CA) for higher efficiency and responsiveness in busy networks

• Same trusted design – no changes to installation or configuration

• Lower cost – better connectivity that actually costs less, especially on volume orders

Enhanced Hardware for Uninterrupted Connectivity and Simple Management

This compact access point is equipped with a modern dual-core ARM CPU and runs on RouterOS v7, ensuring stable internet and **excellent VPN performance** across your property. The wAP ax LTE7 kit also supports our new CAPsMAN for easy centralized management of multiple devices with just a few clicks. The device features **two Gigabit Ethernet ports**, with **PoE-in** on one for flexible powering options. You can also use the standard DC jack – because we believe in giving you options.

Stealthy Design – Weatherproof and Vandalproof

wAP ax LTE7 kit is designed to blend into any environment. Its simple, elegant design doesn't attract any unwanted attention, making it perfect for busy public spaces or private properties alike. wAP can be securely fixed to any external wall or roof from the inside of the case. A designated indentation at the back of the enclosure marks the drill point for a cable pass-through, enabling discreet and secure wall-mounted installations.

• Specifications

Product code	wAPGR-5HaxD2HaxD&R11e-LTE7
CPU	Dual-core IPQ-5010 800 MHz
CPU architecture	ARM 64bit
Size of RAM	256 MB
RAM type	DDR3L
Storage	128 MB NAND
Number of 1G Ethernet ports	2
MiniPCIe slots	1
Wireless interface model	IPQ-5010
Wireless	2.4 GHz 802.11b/g/n/ax dual-chain, 5 GHz 802.11a/n/ac/ax dual-chain
Antenna gain	6 dBi (2.4 GHz), 7 dBi (5 GHz)
LTE modem	R11e-LTE7
TAC	35312597
LTE Category	7 (DL: 300 Mbps; UL: 100 Mbps)
MIMO DL	2x2
MIMO UL	1x1
LTE FDD bands	1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 7 (2600 MHz) / 8 (900 MHz) / 20 (800 MHz) / 28 (700 MHz) / 32 (1500 MHz)
LTE TDD bands	38 (2600 MHz) / 40 (2300 MHz) / 41 (2500 MHz)
3G Category	R8 (DL: 42.2 Mbps; UL: 5.76 Mbps)
3G bands	1 (2100 MHz) / 3 (1800 MHz) / 5 (850 MHz) / 8 (900 MHz)
Dimensions	229 x 113 x 43 mm
Operating system	RouterOS v7, License level 4
Operating temperature	-30°C to +70°C

• Powering

Number of DC inputs	2 (DC-jack, PoE-In)
DC-jack input Voltage	12-57 V
PoE-In input Voltage	18-57 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.8 A
PoE-in	802.3af/at
Max power consumption	13 W

• Included parts

24 V 0.8 A power adapter	Gigabit PoE injector	Hose clamp	K-95 Fastening set