MIKROTIK

NetBox 5 ax

A Wi-Fi 6 upgrade of the popular NetBox 5.
AP/CPE/Point-to-point – it can do it all!

SMA connectors allow creating versatile omnidirectional access points and powerful point-to-point links.



MODERN DUAL-CORE ARM CPU

5 GHz WIRELESS

POE-IN

DURABLE OUTDOOR ENCLOSURE

GIGABIT ETHERNET

USB PORT

NetBox 5 ax is a powerful **dual-chain outdoor** device that can fill multiple roles in your setups: AP/CPE/Point-to-point. The **strong 5 GHz Wi-Fi 6 radio** comes with handy **SMA connectors**. That means you can add a HGO-antenna-OUT and you've got yourself an excellent omnidirectional AP... or try the mANT30 PA antenna to create a powerful long-range point-to-point link for distances up to 30 kilometers.*





This weatherproof board features a modern Qualcomm Maple CPU based on the ARM architecture, 256 MB of RAM, a USB port for extra storage or other needs, and a Gigabit Ethernet port with PoE-in.

We've designed the case to make a sysadmins life easier. You can open the case effortlessly with just one hand. At the bottom, concealed behind a protective door, you'll find exits for Ethernet. Equipped with a mounting loop for easy tower/pole installation, it also offers a separate DIN rail mount.

If you've read this far, here's a little bonus feature: we've kept the good old beeper for various alarms or creative outputs.

** It's important to note that while longer links are feasible, their reliability may vary. Additionally, the distance achievable greatly depends on the antenna selected for use.*

Specifications

Product code	L11UG-5HaxD-NB
CPU	Dual-Core IPQ-5010 800 MHz
CPU architecture	ARM
Size of RAM	256 MB
Storage	128 MB, NAND
Number of 1G Ethernet ports	1
USB port	1 USB 2.0 port type A
Concurrent clients per interface	128
Wireless band	5 GHz
Wireless interface model	QCN-6102
Wireless	802.11a/n/ac/ax dual chain
Connector type	RP-SMA female (outside thread)
Extras	Beeper, signal and status LEDs, voltage and temperature sensors
Dimensions	245 x 121 x 50 mm
Operating system	RouterOS v7, License level 4
Operating temperature	-40°C to +70°C

Powering

PoE-In	Passive PoE
PoE-in input Voltage	18-28 V
Max USB current	1.5 A
Power adapter nominal voltage	24 V
Power adapter nominal current	1.2 A
Max power consumption (without attachments)	6 W
Max power consumption	15 W

Included parts



24 V 1.2 A power adapter



Gigabit PoE injector



Hose clamp



DIN rail mount kit