MIKROTIK

hAP ax S

High-performance SOHO Wi-Fi 6
with unbeatable value.



Triple-chain 5 GHz:
stronger coverage and gigabit-class performance.

2.5 G SFP Port:
fiber-ready flexibility for NAS or direct FTTH links.

Our latest Wi-Fi 6 radio (Dual-Band):
faster, more efficient in a crowded space.

5 × Gigabit Ethernet::
reliable wired connectivity for your essentials.

PoE-in + PoE-out:
power flexibility for access points and switches.

RouterOS v7:
enterprise-grade network management tools without paywalls.

Dual-Core ARM CPU:
solid performance on a budget.

Meet the new **hAP ax S** – our most cost-effective Wi-Fi 6 access point yet.
It costs far less than most mid-range, mass-produced routers... while delivering far more flexibility and longevity right out of the box!
Under the sleek exterior lies a **dual-core ARM CPU, dual-band Wi-Fi 6, USB, five Gigabit Ethernet ports,** and a **2.5 Gigabit SFP cage.** You can connect **direct fiber-to-home** or link up a **high-speed NAS** for lightning-fast local access.



Check out our YouTube and TikTube videos for this product!

Triple-chain 5 GHz: the key to stable, gigabit-class Wi-Fi

The new hAP ax S features a **triple-chain 5 GHz radio** that achieves real-world throughput of around **800–900 Mbit/s**. That means smooth streaming, faster downloads, and stable performance across multiple devices – even in crowded environments.

It's also perfect as a dedicated Wi-Fi 6 VR streaming access point for PC VR headsets, offering higher resolution and lower latency without the cables.
Unlike single-purpose "gaming" access points, the hAP ax S gives you the full performance, flexibility, and future-proofing of RouterOS v7!

Enjoy **dual powering options** – **DC jack** or **PoE-in** – and a **passive PoE-out port** to power another MikroTik device, such as an additional AP or a compact desktop switch. This makes it ideal for both home setups and small offices where clean cable management matters.



Your network, your rules

Despite the low price, the hAP ax S runs a full version of RouterOS v7, the most flexible networking software on the market.

In the age of growing data security and privacy challenges, RouterOS gives you complete control – with **no subscriptions, no upsells, no locked features**. Whether you're configuring your first Wi-Fi network through the MikroTik app or building complex topologies, RouterOS v7 grows with you.

VLANs, firewalls, VPN tunnels, traffic shaping, scripting, SMS automation – the possibilities are endless. For example: you can easily isolate IoT devices into separate subnets to protect your home network from unwanted access via the smart fridge or those flashy LED light hubs.



Specifications

Product code	E62iUGS-2axD5axT	
CPU	Dual-Core EN7562CT 950 MHz	
CPU architecture	ARM 32bit	
Size of RAM	512 MB	
RAM type	DDR3	
Storage	128 MB NAND	
Number of 1G Ethernet ports	5	
Number of 1G SFP ports	1 (2.5G supported)	
USB slot	1 USB 2.0 type A	
Switch chip model	EN7562CT	
Wireless	2.4 GHz	5 GHz
Protocols	802.11b/g/n/ax	802.11a/n/ac/ax
Wireless interface model	MT7916	MT7976
Number of chains	2	3
Antenna gain	5.5 dBi	6,5 dBi
Dimensions	156 x 127 x 36 mm	
Operating system	RouterOS v7, License level 4	
Operating temperature	-40°C to +70°C	

Powering

Number of DC inputs	2 (DC jack, PoE-In)
DC jack input Voltage	12-28 V
PoE-In input voltage	18-28 V
Power adapter nominal voltage	24 V
Power adapter nominal current	1.5 A
PoE-In	Passive PoE
PoE-Out	Passive PoE
PoE-out ports	Ether5
Max out per port output (input < 30 V)	0.6 A
Total output power, W	16.8 W
Max power consumption (without attachments)	11 W
Max power consumption	34 W

Wireless specifications

Rate (2.4 GHz)	Tx (dBm)	Receive Sensitivity
1MBit/s	24	-100
11MBit/s	24	-94
6MBit/s	23	-96
54MBit/s	21	-80
MCS0	22	-96
MCS7	20	-75
MCS9	19	-70
MCS11	15	-67

Rate (5 GHz)	Tx (dBm)	Receive Sensitivity
6MBit/s	23	-96
54MBit/s	21	-81
MCS0	23	-96
MCS7	20	-77
MCS9	20	-72
MCS11	18	-69

Included parts



24 V 1.5 A
power adapter