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