

Model: AP3000E Wall

# AX3000

86mm Wall-Plate Wi-Fi 6 Access Point





## Highlights

A compact wall-mounted WiFi 6 AP with two Gigabit ports ideal for single-room coverage in hospitality environments.

- 1.3 GHz Dual-Core CPU
- 4-Stream Dual-Band Wi-Fi 6
- 2402 Mbps + 574 Mbps Wi-Fi
- 1× 2.5GbE PoE In, 1× GbE
- 802.3at/af, Passive PoE
- Watchdog, Schedule Reboot
- Covers 50 m² (540 ft²)
- 60 Connected Devices

## Package Content

- AP3000E Wall
- Installation Guide
- Mounting Kit

## Hardware Specs

CPU	CPU Details	1.3 GHz Dual-Core CPU
Memory/Storage	Flash/ROM	128 MB (1 Gbit) NAND
	DDR/RAM	256 MB (2 Gbit) DDR3
Wireless	5 GHz Wi-Fi Speed	2402Mbps
	2.4 GHz Wi-Fi Speed	574 Mbps
	5 GHz Wi-Fi Streams	2T2R (2×2 MIMO) with an Extra Stream
	2.4 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	Wi-Fi Antennas	3× Internal
	5 GHz Antenna Gain Max	5dBi
	2.4 GHz Antenna Gain Max	5dBi
	FEM or PA/LNA	5 GHz: 3× Internal
		2.4 GHz: 2× Internal
	Beamforming	True
	Range Performance	Max: 80 m (262 ft)
		Tested in open-space environments with minimal interference. Actual WiFi range may vary depending on layout and wall materials. Refer to the Wall Performance specifications for placement suggestions.
	Wall Performance	Two wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 20 cm (7")
Interfaces	2.5G RJ45 Ports	1
	Gigabit RJ45 Ports	1



## Hardware Specs

Interfaces	Ethernet Notes	The port on the back accepts PoE powering
	LED	System
	Physical Buttons	Reset Button
		LED On/Off Button
		(Configurable to control LED and Wi-Fi)
Power	Power Input	PoE via Ethernet Port
	Power Methods	802.3at/af PoE
		Passive PoE
	Passive PoE	48V
	Max Power Consumption (W)	MAX (PoE): 14W , MAX (DC): NA
	Idle Power Consumption (W)	5W
Reliability	Advanced	Hardware Watchdog
	EMS	ESD: Contact: 4kV; Air: 8kV
	Environment	Operating Temperature:
		0 °C ~ 40 °C (32 °F ~104 °F)
		Storage Temperature:
		-40 °C ~ 70 °C (-40 °F ~ 158 °F)
		Operating Humidity:
		10% ~ 90% non-condensing
		Storage Humidity:
		5% ~ 90% non-condensing

## Hardware Specs

Certifications	FCC, CE	
Mechanical	Installation	Wall-mount
	Dimension	86×86×43 mm
		3.39×3.39×1.69 inches

## Software Specs

Wireless	Wi-Fi Standards	Wi-Fi 6
	Max Wi-Fi Modulation	1024-QAM
	Wi-Fi Efficiency	OFDMA
		MU-MIMO
		BSS Color
	Max Capacity	256
	Recommended Client Upper Limit	60
	Max Wi-Fi Channel Width	160 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	Multi-SSID (Max Number)	8 SSIDs (Up to 4 SSIDs on each band)
General	Operation Modes	Access Point
	Mesh	Cudy Mesh
	Mesh Backhaul	Wireless Backhaul
		Wired Backhaul
	Multi-Band Backhaul	True



# Software Specs

Network	DHCP	Server
	IP Versions	IPv4
	IGMP	IGMP Snooping
Utilities	Wake on LAN	True
Management	All Devices Management	Wi-Fi Time Schedule
System	LED Control	True
	Local Control Method	Config Web Page
		App Control
	Remote Control Method	Config Page via HTTPS
		App Control
	Firmware Upgrade	Local Update
		App (Over the Air)
		Online Update
	Reliability	Timed Reboot
		Backup and Restore
	Diagnostic Tools	Diagnosis
		Ping
		Traceroute
		NSLookup
		System Log

# Software Specs

System	Languages	• English • Bengali • Catalan • Czech
		• German • Greek • Spanish • French
		• Hebrew • Italian • Croatian • Hungarian
		• Khmer • Korean • Dutch • Japanese
		• Russian • Slovak • Swedish • Romanian
		• Turkish • Vietnamese • Thai • Ukrainian
		• Polish • Norwegian • Portuguese
		• Simplified Chinese • Traditional Chinese
Dashboard	Panel	Internet Status
		Mesh Status
		Devices Management
		LAN Status
		Wi-Fi Status
		DHCP Server Status
		System Version
		Connected Devices
	Charts	Mesh Topology
		Wi-Fi Speed