



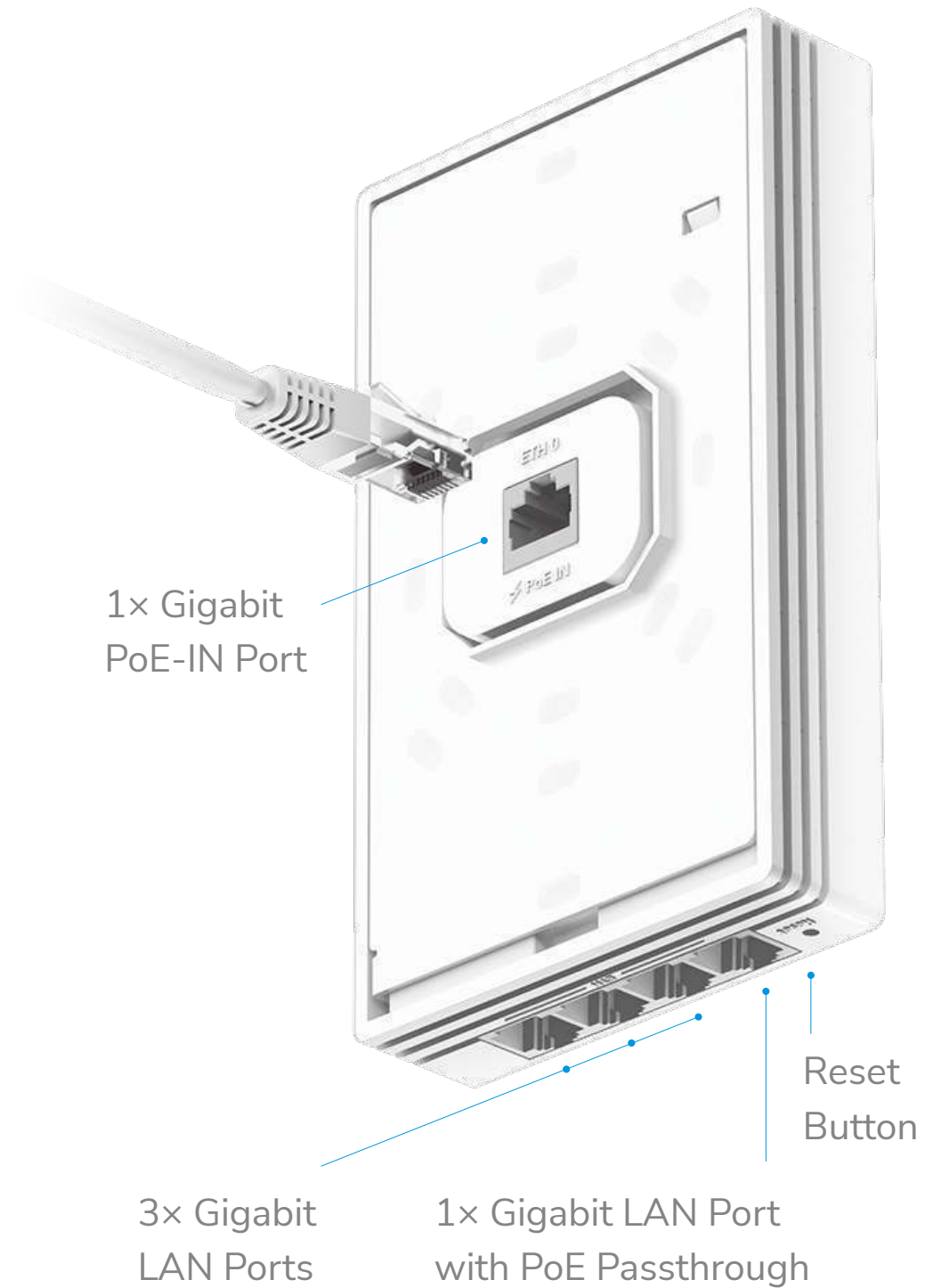
Model: AP1300 Wall

AC1200

Wall-Plate Access Point



[Datasheet](#)



Four Gigabit LAN Ports

Four Gigabit ports connect multiple devices to the Gigabit internet.

PoE Passthrough Available

One port with PoE Passthrough delivers power and data over a single cable, simplifying connections for IP phones or PSE-enabled devices.

Fast Roaming with Cudy Mesh

Enables uninterrupted and seamless Wi-Fi expansion with Cudy Mesh.

Simplified Deployment with PoE Power





Highlights

A wall-mounted WiFi AP with a built-in 5-GbE switch ideal for covering a room or ensuite in hospitality environments. One PoE output allows for connecting an IP phone or other PSE-enabled devices.

- 867 Mbps + 300 Mbps Wi-Fi
- 1× GbE PoE In, 1× GbE PoE Out, 3× GbE
- 802.3at, 802.3af (No PoE-Out)
- Watchdog, Schedule Reboot
- Covers 60 m² (650 ft²)
- 40 Connected Devices

Package Content

- AP1300 Wall
- Installation Guide
- Mounting Kit

Hardware Specs

CPU	Chipset	MT7621DA
	CPU Details	880 MHz Dual-Core CPU
Memory/Storage	Flash/ROM	16 MB (128 Mbit) NOR
	DDR/RAM	128 MB (1 Gbit) DDR3
Wireless	5 GHz Wi-Fi Speed	867 Mbps
	2.4 GHz Wi-Fi Speed	300 Mbps
	5 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	2.4 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	Wi-Fi Antennas	2× Internal
	5 GHz Antenna Gain Max	5.6 dBi
	2.4 GHz Antenna Gain Max	5.0 dBi
	FEM or PA/LNA	5 GHz: 2× Internal
		2.4 GHz: 2× Internal
	Beamforming	True
Interfaces	Range Performance	Max: 80 m (262 ft) Indoor WiFi range varies depending on the layout and wall materials. See Wall Performance spec for placement suggestions.
	Wall Performance	Two wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 20 cm (7")
	Gigabit RJ45 Ports	5
	Ethernet Notes	One PoE In and one PoE Passthrough
	LED	System
	Physical Buttons	Reset Button
		LED On/Off Button



Hardware Specs

Interfaces	Power Input	PoE via Ethernet Port
Power	Power Methods	Passive PoE
		802.3at/af PoE
	Passive PoE	48V
	Max Power Consumption (W)	Max (PoE): 12 W
		Max (DC): NA
	Idle Power Consumption (W)	4 W
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)
		Humidity: 10% ~ 90% non-condensing
Certifications	FCC, CE	Storage Humidity: 5% ~ 95% non-condensing
Mechanical	Installation	Wall-mount
	Dimension	143×86×27.6 mm
		5.63×3.39×1.09 inches
Ordering Information	Retail Package Dimension	152×39.5×90 mm
		5.98×1.56×3.54 inches
	Units per Carton	30
	Carton Dimension	33.1×22×29.6 cm
		13.03×8.66×11.65 inches

Software Specs

Wireless	Wi-Fi Standards	Wi-Fi 5
	Max Wi-Fi Modulation	256-QAM
	Wi-Fi Efficiency	MU-MIMO
	Wi-Fi Efficiency Note	MU-MIMO available on 5 GHz
	Max Capacity	128
	Recommended Client Upper Limit	40
	Max Wi-Fi Channel Width	80 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	Multi-SSID (Max Number)	8 SSIDs (Up to 4 SSIDs on each band)
	WPS	True
General	Operation Modes	Access Point
	Mesh	Cudy Mesh
	Mesh Backhaul	Wireless Backhaul
		Wired Backhaul
	Multi-Band Backhaul	True
Network	DHCP	Server
	IP Versions	IPv4
	IGMP	IGMP Snooping
Utilities	Captive Portal	True
	Captive Portal Providers	HotspotSystem, Iron Wi-Fi, ObiFi, Vulacoin,
		WorldSpot.net, WiFiMAX, Manual
	Wake on LAN	True



Software Specs

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