

UniFi - U7 Pro Wall

SKU: UB-UAP-U7-PRO-IW



The Ubiquiti U7 Pro Wall is a wall-mounted Wi-Fi 7 Access Point with 6 spatial streams and 6 GHz support, designed for home builders with easy installation options.

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Mechanical

Dimensions	150 x 103 x 36 mm (5.9 x 4.1 x 1.4")
Weight	580 g (1.3 lb)
Enclosure material	Polycarbonate, aluminum
Mount material	Aluminum

Hardware

Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44—57V DC
Max. power consumption	22W

Max. TX power

2.4 GHz	22 dBm
5 GHz	26 dBm
6 GHz	23 dBm

MIMO

2.4 GHz	2 x 2
5 GHz	2 x 2
6 GHz	2 x 2

Throughput rate

2.4 GHz	688 Mbps
5 GHz	4324 Mbps
6 GHz	5764 Mbps

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Antenna gain

2.4 GHz

4 dBi

5 GHz

5 dBi

6 GHz

6 dBi

LEDs

White/blue

Button

Factory reset

Mounting

Wall (Included)

Table stand, flush mount (Optional)

Ambient operating temperature

-30 to 60° C (-22 to 140° F)

Ambient operating humidity

5 to 95% noncondensing

Certifications

CE, FCC, IC

Software

WiFi standards

802.11a/b/g/n/ac/ax/be

Wireless security

WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)

BSSID

8 per radio

VLAN

802.1Q

Advanced QoS

Per-user rate limiting

Guest traffic isolation

Supported

Concurrent clients

300+

Supported Data Rates

802.11a

6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11b

1, 2, 5.5, 11 Mbps

802.11g

6, 9, 12, 18, 24, 36, 48, 54 Mbps

802.11n

6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)

802.11ac (WiFi 5)

6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)

802.11ax (WiFi 6/6E)

7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)

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802.11be (WiFi 7)

7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT
20/40/80/160/240/320)

Application Requirements

UniFi Network

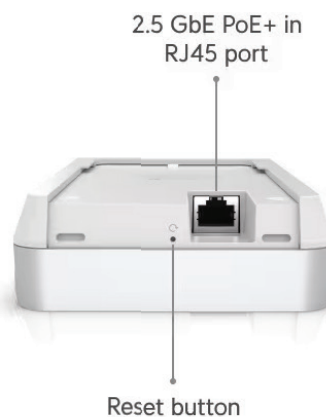
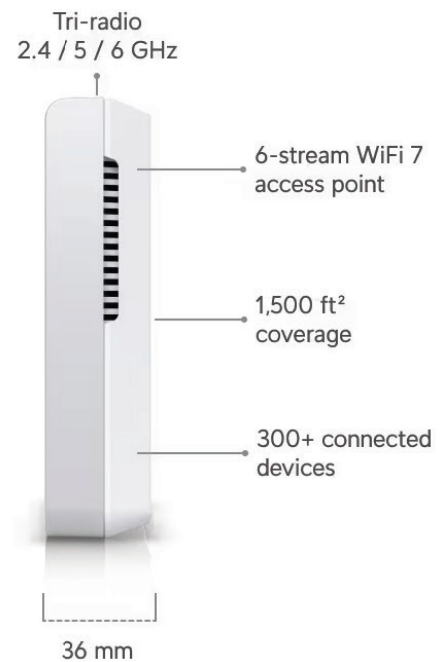
Version 8.1 and later

UniFi OS

Version 3.2 and later

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*Sold separately.