

U7 Pro Wall

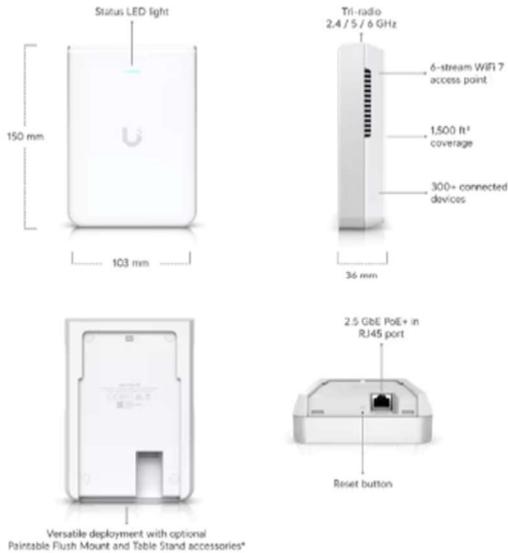
U7-Pro-Wall

Datasheet

In The Box

Marketing Images

Installation Guide



*Sold separately.



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 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
6 GHz	2 x 2 (DL/UL MU-MIMO)

Max. data rate

2.4 GHz	688 Mbps (BW40)
5 GHz	4.3 Gbps (BW240)
6 GHz	5.7 Gbps (BW320)

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, Wi-Fi 6E, Wi-Fi 7

Software

WiFi standards	802.11a/b/g/n/ac/ax/be (WiFi 6/6E, WiFi 7)
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	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)
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

