

U7 Pro Wall

U7-Pro-Wall

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
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44—57V DC
Max. power consumption	22W
Max. TX power2.4 GHz5 GHz6 GHz	22 dBm26 dBm23 dBm
MIMO2.4 GHz5 GHz6 GHz	2 x 2 (DL/UL MU-MIMO)2 x 2 (DL/UL MU-MIMO)2 x 2 (DL/UL MU-MIMO)
Max. data rate2.4 GHz5 GHz6 GHz	688 Mbps (BW40)4.3 Gbps (BW240)5.7 Gbps (BW320)
Antenna gain2.4 GHz5 GHz6 GHz	4 dBi5 dBi6 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 (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