

Access Point U6 In-Wall



Mechanical

Dimensions	139.6 x 96 x 31.2 mm (5.5 x 3.8 x 1.3")
Weight	460 g (1 lb)
Enclosure materials	Polycarbonate, aluminum
Mount material	Aluminum

Hardware

Networking interface	(1) GbE RJ45 port (Data in) (4) GbE RJ45 ports (Data out)	
Management interface	Ethernet Bluetooth	
PoE interface	(1) PoE in (1) PoE out	
Power method	PoE PoE+ (Required for PoE output)	
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (optional)	
Max. power consumption	13.5W (Excluding PoE output)	
Max. PoE wattage per port by PSE	15.4W* <small>*Requires a PoE+ switch.</small>	
Voltage range PoE mode	44–57V DC	
Max. TX power	2.4 GHz	22 dBm
	5 GHz	26 dBm
MIMO	2.4 GHz	2 x 2 (UL MU-MIMO)
	5 GHz	4 x 4 (DL/UL MU-MIMO)
Throughput rate	2.4 GHz	573.5 Mbps
	5 GHz	4.8 Gbps
Antenna gain	2.4 GHz	5 dBi
	5 GHz	5.9 dBi
LED	White/blue	
Button	Factory reset	
Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q



Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+
Zero-wait DFS	Yes

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 (WiFi 4)	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

