

Access Point U6 Enterprise In-Wall



Mechanical

Dimensions	159.7 x 156.7 x 33.8 mm (6.3 x 6.2 x 1.3")
Weight	884 g (1.9 lb)
Enclosure materials	Polycarbonate, aluminium
Mount material	Aluminum

Hardware

Networking interface	(1) 2.5GbE 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	
Max. power consumption	21W (Excluding PoE output)	
Max. PoE wattage per port by PSE	15.4W* <small>*Requires a PoE++ switch.</small>	
Supported voltage range	44–57V DC	
Max. TX power	2.4 GHz	22 dBm
	5-7 GHz	26 dBm
MIMO	2.4 GHz	2 x 2 (UL MU-MIMO)
	5 GHz	4 x 4 (DL/UL MU-MIMO)
	6 GHz	4 x 4 (DL/UL MU-MIMO)
Throughput rate	2.4 GHz	573.5 Mbps
	5 GHz	4.8 Gbps
	6 GHz	4.8 Gbps
Antenna gain	2.4 GHz	4 dBi
	5 GHz	5.8 dBi
	6 GHz	5.8 dBi
LEDs	White/blue	
Buttons	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/WiFi 6E
Wireless security protocols	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 client support	600+
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 6/6E)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

