

Access Point U6 Mesh



Mechanical

Dimensions	Ø48.5 x 159.5 mm (Ø1.9 x 6.3")
Weight	400 g (0.9 lb)
Enclosure materials	Polycarbonate, aluminum
Mount material	Polycarbonate
Weatherproofing	IPX5

Hardware

Networking interface	(1) GbE RJ45 port	
Management interface	Ethernet Bluetooth	
Power method	PoE	
Power supply	UniFi PoE switch 48V, 0.32A PoE adapter (included)	
Supported voltage range	44–57V DC	
Max. power consumption	11.4W	
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	3 dBi
	5 GHz	5 dBi
LEDs	White/blue	
Button	Factory reset	
Mounting	Wall, desktop, pole mount (included) Ceiling mount (optional)	
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)

