

Access Point U6 Long-Range



Mechanical

Dimensions	Ø220 x 48 mm (Ø8.7 x 1.9")
Weight	Without mount: 800 g (1.8 lb) With mount: 930 g (2.1 lb)
Enclosure material	Polycarbonate
Mount material	Stainless steel (SUS304)
Weatherproofing	IP54

Hardware

Networking interface	(1) GbE RJ45 port	
Management interfaces	Ethernet Bluetooth	
Power method	PoE+	
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (not included)	
Supported voltage range	44–57V DC	
Max. power consumption	18.5W	
Max. TX power	2.4 GHz	26 dBm
	5 GHz	26 dBm
MIMO	2.4 GHz	4 x 4
	5 GHz	4 x 4
Throughput rate	2.4 GHz	600 Mbps
	5 GHz	2400 Mbps
Antenna gain	2.4 GHz	4 dBi
	5 GHz	5.5 dBi
LEDs	White/blue	
Button	Factory reset	
Mounting	Wall/ceiling (included)	
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+

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 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

