U6 Pro Spec Sheet | U6-Pro

Ceiling-mounted WiFi 6 AP with 6 spatial streams designed for large offices.

- WiFi 6
- 6 spatial streams
- 140 m² (1,500 ft²) coverage
- 350+ connected devices
- Powered using PoE
- GbE uplink

Mechanical

Dimensions	Ø197 x 35 mm
Weight	Without mount: 580 g
	With mount: 720 g
Enclosure material	Polycarbonate
Mount material	Stainless steel
Weatherproofing	IP54

Hardware

Networking interface	(1) GbE RJ45 port
Management interface	Ethernet
	Bluetooth
Power method	PoE
Power supply	UniFi PoE switch
	PoE adapter (Not included)
Supported voltage range	44—57V DC
Max. power consumption	13W
Max. TX power	
2.4 GHz	22 dBm
5 GHz	26 dBm
6 GHz	-
MIMO	
2.4 GHz	2 x 2
5 GHz	4 x 4
6 GHz	-

Max. data rate

2.4 GHz	573.5 Mbps
5 GHz	4.8 Gbps
6 GHz	-

Antenna gain

2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	-
LEDs	White/blue
Button	Factory reset
Mounting	Wall, ceiling (Included)
Ambient operating temperature	-30 to 60° C
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

Software

WiFi standards	802.11a/b/g/n/ac/ax (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	350+
Zero wait DFS	Yes (Supported with upcoming firmware versions)

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 600 Mbps
802.11ac	6.5 Mbps to 3.4 Gbps
802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps

Application Requirements

UniFi Network	Version 6.1.56 and later