



U7 Pro Spec Sheet | U7-Pro

Ceiling-mounted WiFi 7 AP with 6 spatial streams and 6 GHz support for interference-free WiFi in demanding, large-scale environments.

- WiFi 7 with 6GHz support
- 6 spatial streams
- 140 m² (1,500 ft²) coverage
- 300+ connected devices
- Powered using PoE+
- 2.5 GbE uplink

Mechanical

Dimensions	Ø206 x 46 mm
Weight	680 g
Enclosure material	Polycarbonate, metal
Mount material	Stainless steel, galvanized steel

Hardware

Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44—57V DC
Max. power consumption	21W
Max. TX power	
2.4 GHz	22 dBm
5 GHz	26 dBm
6 GHz	23 dBm
MIMO	
2.4 GHz	2 x 2
5 GHz	2 x 2
6 GHz	2 x 2

Max. data rate

2.4 GHz 688 Mbps

5 GHz 4.3 Gbps

6 GHz 5.7 Gbps

Antenna gain

2.4 GHz 4 dBi

5 GHz 6 dBi

6 GHz 5.8 dBi

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 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 6.5 Mbps to 300 Mbps

802.11ac 6.5 Mbps to 1.7 Gbps

802.11ax (WiFi 6) 7.3 Mbps to 2.4 Gbps

802.11be (WiFi 7) 7.3 Mbps to 5.7 Gbps

Application Requirements

UniFi Network Version 8.0.26 and later

UniFi OS Version 3.2 and later