

Tech Specs

UniFi UISP Branding

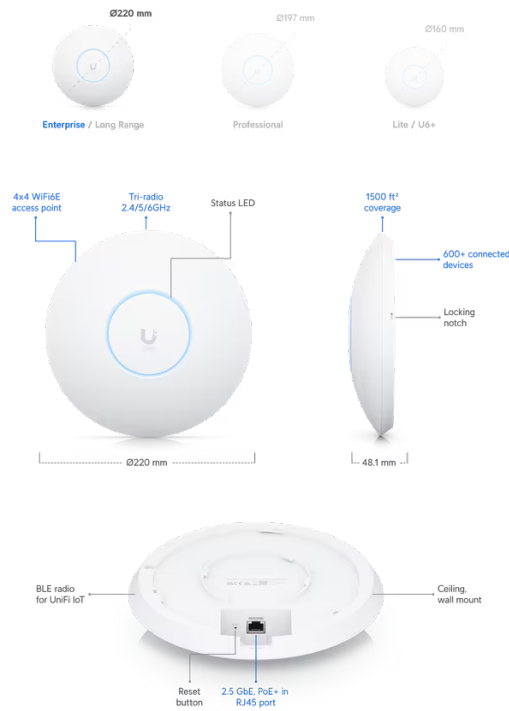
UniFi Cloud Gateways WiFi Switching Cloud Keys & Gateways Camera Security Door Access Phone System New Integrations Accessories

WiFi > U6 Enterprise

Datasheet

Installation Guide

Marketing Images



Mechanical

Dimensions	Ø220 x 48 mm (Ø8.7 x 1.9")
Weight	Without mount: 960 g (2.1 lb) With mount: 1090 g (2.4 lb)
Enclosure materials	Polycarbonate, aluminum
Mount material	Stainless steel (SUS304)

Hardware

Networking interface	(1) 2.5GbE RJ45 port
Management interface	Ethernet Bluetooth
Power method	PoE+
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (optional)
Supported voltage range	44—57V DC
Max. power consumption	22W
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	3.2 dBi
5 GHz	5.3 dBi
6 GHz	6 dBi

LEDs White/blue

Button Reboot and 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/WiFi 6E

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 600+

Zero-wait DFS Yes*
*Supported with upcoming firmware versions.

Supported Data Rates (Mbps)

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)

Application Requirements

UniFi Network Version 7.2.91 and later

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