

Tech Specs

UniFi UISP Branding

Switching WiFi Camera Security Door Access Cloud Keys & Gateways Power Tech New I

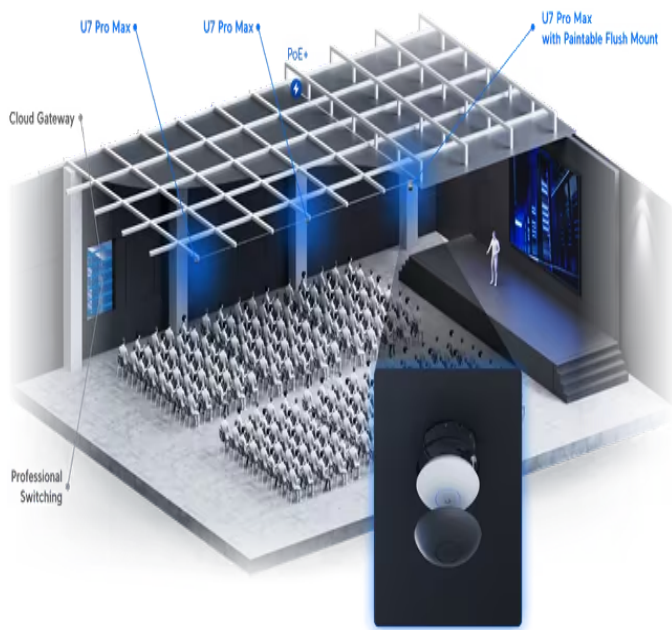
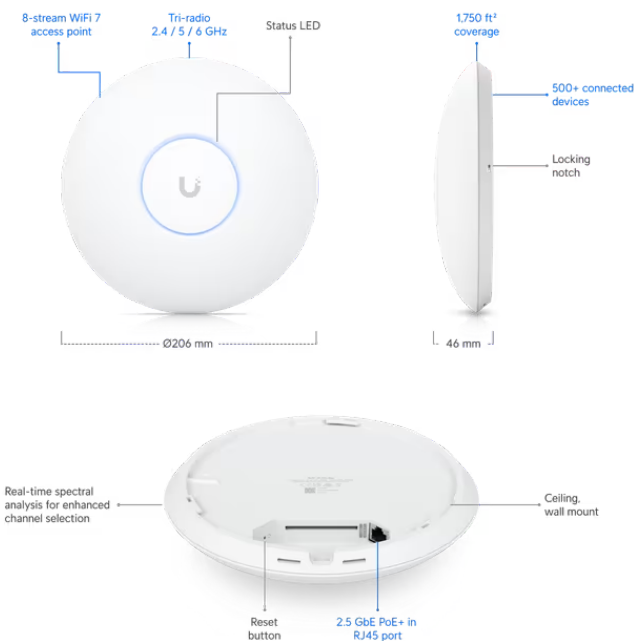
WiFi > U7 Pro Max

Datasheet

In The Box

Marketing Images

Installation Guide



Mechanical

Dimensions Ø206 x 46 mm (Ø8.1 x 1.8")

Weight 680 g (1.5 lb)

Enclosure material Polycarbonate, aluminum

Mount material Stainless steel (SUS304), galvanized steel (SGCC)

Hardware

Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44—57V DC
Max. power consumption	22W
Max. TX power	
2.4 GHz	23 dBm
5 GHz	29 dBm
6 GHz	23 dBm
MIMO	
2.4 GHz	2 x 2
5 GHz	4 x 4
6 GHz	2 x 2
Throughput rate	
2.4 GHz	688 Mbps
5 GHz	8648 Mbps
6 GHz	5765 Mbps
Antenna gain	
2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	5.9 dBi
LEDs	White/blue
Button	Factory reset
Mounting	Wall, ceiling (Included)
Ambient operating temperature	-30 to 60° C (-22 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC
Software	
WiFi standards	802.11a/b/g/n/ac/ax/be
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
BSSID	8 per radio
VLAN	802.1Q

Guest traffic isolation	Supported
Concurrent clients	500+

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 (MCS0 - MCS15, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, 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)
802.11be (WiFi 7)	7.3 Mbps to 8.6 Gbps (MCS0 - MCS13 NSS1/2/3/4, EHT 20/40/80/160/240)
5 GHz	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)
6 GHz	

Application Requirements

UniFi Network	Version 8.2.93 and later
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