

# Tech Specs

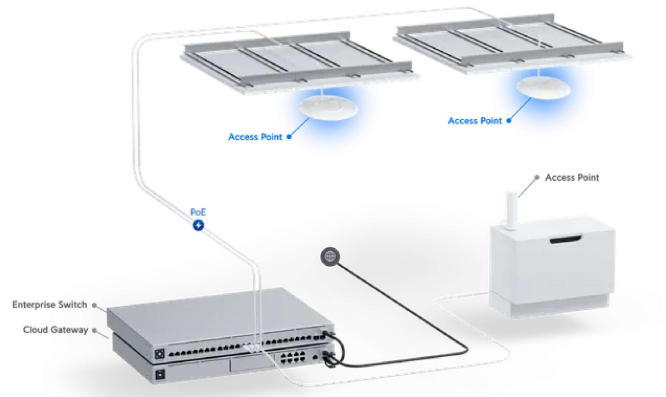
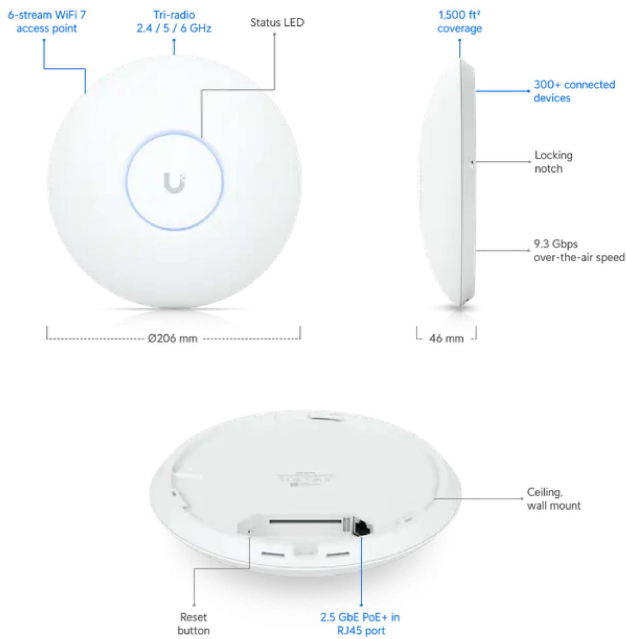
UniFi UISP Branding

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

WiFi > U7 Pro

Datasheet

In The Box	Marketing Images	FAQ	Installation Guide
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## Mechanical

Dimensions	Ø206 x 46 mm (Ø8.1 x 1.8")
Weight	680 g (1.5 lb)
Enclosure material	Polycarbonate, metal
Mount material	Stainless steel (SUS304), galvanized steel (SGCC)

## 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

<b>MIMO</b>	
2.4 GHz	2 x 2
5 GHz	2 x 2
6 GHz	2 x 2
<b>Throughput rate</b>	
2.4 GHz	688 Mbps
5 GHz	2882 Mbps
6 GHz	5765 Mbps
<b>Antenna gain</b>	
2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	5.8 dBi
<b>LEDs</b>	White/blue
<b>Button</b>	Factory reset
<b>Mounting</b>	Wall/ceiling (Included)
<b>Operating temperature</b>	-30 to 60° C (-22 to 140° F)
<b>Operating humidity</b>	5 to 95% noncondensing
<b>Certifications</b>	CE, FCC, IC

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## Software

<b>WiFi standards</b>	802.11a/b/g/n/ac/ax/be
<b>Wireless security</b>	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
<b>BSSID</b>	8 per radio
<b>VLAN</b>	802.1Q
<b>Advanced QoS</b>	Per-user rate limiting
<b>Guest traffic isolation</b>	Supported
<b>Concurrent clients</b>	300+

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## Supported Data Rates

<b>802.11a</b>	6, 9, 12, 18, 24, 36, 48, 54 Mbps
<b>802.11b</b>	1, 2, 5.5, 11 Mbps
<b>802.11g</b>	6, 9, 12, 18, 24, 36, 48, 54 Mbps
<b>802.11n</b>	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
<b>802.11ac (WiFi 5)</b>	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
<b>802.11ax (WiFi 6)</b>	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
<b>802.11be (WiFi 7)</b>	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)

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## Application Requirements

<b>UniFi Network</b>	Version 8.0.26 and later
<b>UniFi OS</b>	Version 3.2 and later

### Stay in Touch