

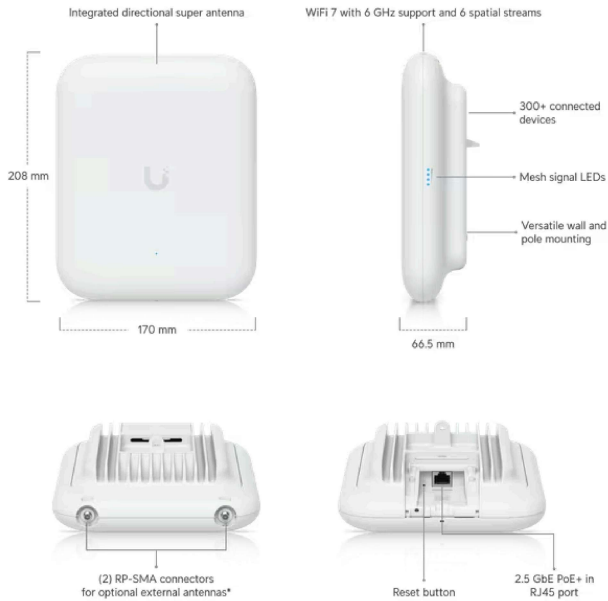
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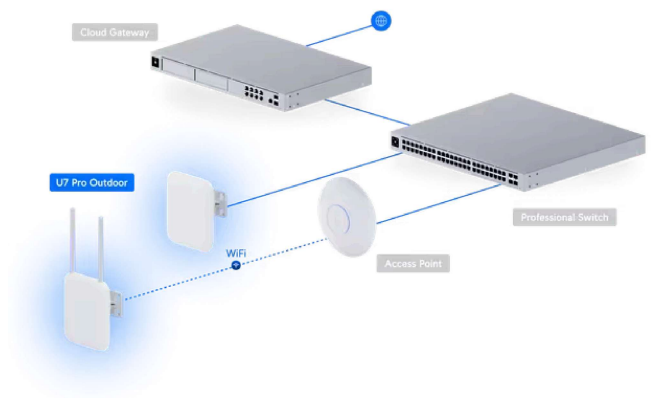
Outdoor > [U7 Pro Outdoor](#)

Datasheet

- [In The Box](#) [Marketing Images](#) [Installation Guide](#)



*Includes external omni antennas.



Mechanical

Dimensions	Without mount: 170 x 208 x 66.5 mm (6.7 x 8.2 x 2.6") With mount: 170 x 208 x 121.8 mm (6.7 x 8.2 x 4.8")
Weight	Device: 1.2 kg (2.6 lb) Mount: 130 g (0.3 lb)
Enclosure material	UV-stabilized polycarbonate, aluminum alloy
Mount material	UV-stabilized polycarbonate
Pole mount diameter	25-63.5 mm (1-2.5") on pipe outer diameter
Wind survivability	74.6 N at 200 km/h (16.8 lbf at 125 mph)
Weatherproofing	IPX6 IP67 with cable-gland door kit (Included)

Hardware

Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	42.5—57V DC
Max. power consumption	21W

Max. TX power	
2.4 GHz	23 dBm
5 GHz	26 dBm
6 GHz	26 dBm*

*With 6 GHz Extended Range mode. Available in FCC/IC region only.

MIMO	
2.4 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
6 GHz	2 x 2 (DL/UL MU-MIMO)

Max. data rate	
2.4 GHz	688 Mbps (BW40)
5 GHz	4.3 Gbps (BW240)
6 GHz	5.7 Gbps (BW320)

Antenna gain	
2.4 GHz	Directional internal: 8 dBi / External omni: 6 dBi
5 GHz	Directional internal: 11 dBi / External omni: 8 dBi
6 GHz	Directional internal: 10 dBi / External omni: -

Antenna beamwidth	
2.4 GHz	90°
5 GHz	90°
6 GHz	90°

Antennas	(1) Directional internal antenna (2) RP-SMA connectors for external antenna
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LEDs	(1) Power: white/blue (4) Mesh signal: blue
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Button	Factory reset
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Mounting	Wall, ceiling, pole (Included)
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Ambient operating temperature	-30 to 60° C (-22 to 140° F)
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Ambient operating humidity	5 to 95% noncondensing
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Certifications	FCC, IC
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Software

WiFi standards	802.11a/b/g/n/ac/ax/be (WiFi 6, WiFi 7)
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
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 (MCS0 - MCS15, HT 20/40)
802.11ac	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11be (WiFi 7)	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)

Application Requirements

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