

Access Point U6 Pro



Mechanical

Dimensions	Ø197 x 35 mm (Ø7.76 x 1.38")
Weight	Without mount: 460 g (1.01 lb) With mount: 600 g (1.32 lb)
Enclosure material	Plastic
Mount material	SGCC steel
Weatherproofing	IP54

Hardware

Management interface	Ethernet Bluetooth				
Networking interface	(1) GbE RJ45 port				
Button	Factory reset				
LED	White/blue				
Power method	PoE+				
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (optional)				
Supported voltage range	44–57V DC				
Max. power consumption	13W				
Max. TX power	<table border="1"> <tr> <td>2.4 GHz</td> <td>22 dBm</td> </tr> <tr> <td>5 GHz</td> <td>26 dBm</td> </tr> </table>	2.4 GHz	22 dBm	5 GHz	26 dBm
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MIMO	<table border="1"> <tr> <td>2.4 GHz</td> <td>2 x 2 (UL MU-MIMO)</td> </tr> <tr> <td>5 GHz</td> <td>4 x 4 (DL/UL MU-MIMO)</td> </tr> </table>	2.4 GHz	2 x 2 (UL MU-MIMO)	5 GHz	4 x 4 (DL/UL MU-MIMO)
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Antenna gain	<table border="1"> <tr> <td>2.4 GHz</td> <td>4 dBi</td> </tr> <tr> <td>5 GHz</td> <td>6 dBi</td> </tr> </table>	2.4 GHz	4 dBi	5 GHz	6 dBi
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5 GHz	6 dBi				
Mounting	Wall/ceiling (included)				
Operating temperature	-30 to 60° C (-22 to 140° F)				
Operating humidity	5 to 95% noncondensing				
Certifications	CE, FCC, IC, MIC				

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/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+
Zero wait DFS	Yes* <small>*Supported with upcoming firmware versions</small>

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 (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)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

