

# **Access Point U6 Pro**





## Mechanical

Dimensions	Ø197 x 35 mm (Ø7.8 x 1.4")
Weight	Without mount: 460 g (1 lb) With mount: 600 g (1.3 lb)
Enclosure material	Polycarbonate
Mount material	Stainless steel (SUS304)
Weatherproofing	IP54

#### Hardware

Networking interface   (1) GbE 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. Dx power consumption   13W     Max. TX power   24 GHz   22 dBm     5 GHz   24 dBm   5 GHz     MIMO   24 GHz   5 73.5 Mbps     5 GHz   44 CU/UL MU-MIMO)   5 GHz     Throughput rate   24 GHz   5 73.5 Mbps     5 GHz   4 4 GDL/UL MU-MIMO)   5 GHz     Throughput rate   24 GHz   5 73.5 Mbps     5 GHz   4 dBi   5 GHz     Antenna gain   2 4 GHz   5 GHz     LEDs   White/blue   6 dBi     Button   Factory reset   6 dBi     Button   Factory reset   6 dBi			
Bluetooth   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 24 GHz 22 dBm   5 GHz 26 dBm   MIMO 24 GHz 2x 2 (UL MU-MIMO)   5 GHz 2 x 2 (UL MU-MIMO)   5 GHz 4 x 4 (DL/UL MU-MIMO)   5 GHz 5 3 5 Mbps   5 GHz 4 8 Gbps   Antenna gain 2 4 GHz 573.5 Mbps   1EDs White/blue 6 dBi   Button Factory reset 6 dBi   Button Factory reset 5	Networking interface	(1) GbE RJ45 port	
Power supply   UniFi PoE switch 48V, 0.5A PoE adapter (optional)     Supported voltage range   44–57V DC     Max. power consumption   13W     Max. TX power   24 GHz   22 dBm     5 GHz   26 dBm     MIMO   2.4 GHz   2x 2 (UL MU-MIMO)     5 GHz   24 GHz   2x 2 (UL MU-MIMO)     5 GHz   4x 4 (DL/UL MU-MIMO)   5 GHz     Throughput rate   2.4 GHz   573.5 Mbps     5 GHz   48 Gbps   5 GHz     Antenna gain   2.4 GHz   573.5 Mbps     1 GHz   4 dBi   5 GHz     EDs   White/blue   6 dBi     Button   Factory reset   6 dBi     Munting   Walkeiling (included)   5 dBi	Management interface		
48V, 0.5A PoE adapter (optional)     Supported voltage range   44–57V DC     Max. power consumption   13W     Max. TX power   2.4 GHz   22 dBm     5 GHz   26 dBm     MIMO   2.4 GHz   2 x 2 (UL MU-MIMO)     5 GHz   4 x 4 (DL/UL MU-MIMO)     5 GHz   4 x 4 (DL/UL MU-MIMO)     5 GHz   4 ad Bi     6 GHz   5 GHz     Antenna gain   24 GHz   5 GHz     LEDs   White/blue     Button   Factory reset     Munting   Valkeling (included)	Power method	PoE	
Max. power consumption13WMax. TX power2.4 GHz22 dBm5 GHz26 dBm26 dBmMIMO2.4 GHz2 x 2 (UL MU-MIMO)5 GHz4 x 4 (DL/UL MU-MIMO)5 GHz4 x 4 (DL/UL MU-MIMO)Throughput rate2.4 GHz573.5 Mbps5 GHz4.8 Gbps36 GbpsAntenna gain2.4 GHz6 dBiLEDsWhite/blue6 dBiButtonFactory resetMountingWall/ceiling (included)	Power supply		
Max. TX power2.4 GHz 5 GHz2.2 dBm 6 dBmMIMO2.4 GHz 5 GHz2.x 2 (UL MU-MIMO) 4 x 4 (DL/UL MU-MIMO) 5 GHz2.x 2 (UL MU-MIMO) 4 x 4 (DL/UL MU-MIMO)Throughput rate2.4 GHz 	Supported voltage range	44–57V DC	
24 GHz22 dum5 GHz26 dBmMIMO2.4 GHz2.x 2 (UL MU-MIMO)5 GHz4 x 4 (DL/UL MU-MIMO)5 GHz5 GHz4 x 4 (DL/UL MU-MIMO)Throughput rate2.4 GHz573.5 Mbps5 GHz6 dBi5 GHzAntenna gain2.4 GHz6 dBiLEDsWhite/blue6 dBiButtonFactory resetMountingWall/ceiling (included)	Max. power consumption	13W	
MIMO 2x 2 (UL MU-MIMO) 5 GHz 2x 2 (UL MU-MIMO) 5 GHz 4x 4 (DL/UL MU-MIMO) Throughput rate 24 GHz 573.5 Mbps 5 GHz 48 Gbps Antenna gain 24 GHz 4dBi 5 GHz 4dBi 5 GHz 6dBi LEDs White/blue LEDs White/blue Button Factory reset Mounting Wall/ceiling (included)	Max. TX power	2.4 GHz	22 dBm
2.4 GH2   2.4 CH2   2.4 CH2   4 x 4 (DL/UL MU-MIMO)     5 GHz   4 x 4 (DL/UL MU-MIMO)     Throughput rate   2.4 GHz   573.5 Mbps     5 GHz   4.8 Gbps     Antenna gain   2.4 GHz   5 GHz     LEDs   White/blue     Button   Factory reset     Mounting   Wall/ceiling (included)		5 GHz	26 dBm
Intronghput rate2.4 GHz573.5 Mbps5 GHz4.8 GbpsAntenna gain2.4 GHz4 dBi5 GHz6 dBiLEDsWhite/blueButtonFactory resetMountingWall/ceiling (included)	MIMO	2.4 GHz	2 x 2 (UL MU-MIMO)
Antenna gain   2.4 GHz   4.8 Gbps     Antenna gain   2.4 GHz   4 dBi     5 GHz   6 dBi     LEDs   White/blue     Button   Factory reset     Mounting   Wall/ceiling (included)		5 GHz	4 x 4 (DL/UL MU-MIMO)
Antenna gain 2.4 GHz 4 dBi   5 GHz 6 dBi   LEDs White/blue   Button Factory reset   Mounting Wall/ceiling (included)	Throughput rate	2.4 GHz	573.5 Mbps
LEDs White/blue   Button Factory reset   Mounting Wall/ceiling (included)		5 GHz	4.8 Gbps
LEDs White/blue   Button Factory reset   Mounting Wall/ceiling (included)	Antenna gain	2.4 GHz	4 dBi
Button Factory reset   Mounting Wall/ceiling (included)		5 GHz	6 dBi
Mounting Wall/ceiling (included)	LEDs	White/blue	
	Button	Factory reset	
	Mounting	Wall/ceiling (included)	
Operating temperature -30 to 60° C (-22 to 140° F)	Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity 5 to 95% noncondensing	Operating humidity	5 to 95% noncondensing	
Certifications CE, FCC, IC, MIC	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

## 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)

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty