

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. 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)
Throughput rate	2.4 GHz	573.5 Mbps
	5 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)	
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+
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Zero wait DFS	Yes
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Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
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802.11b	1, 2, 5.5, 11 Mbps
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802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
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802.11n (WiFi 4)	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
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802.11ac (WiFi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
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802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
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Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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Access Point U6 Enterprise



Mechanical

Dimensions	Ø220 x 48 mm (Ø8.7 x 1.9")
Weight	Without mount: 960 g (2.1 lb) With mount: 1090 g (2.4 lb)
Enclosure materials	Top housing: polycarbonate Bottom housing: aluminium
Mount material	Stainless steel (SUS304)

Hardware

Networking interface	(1) 2.5GbE 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. power consumption	22W	
Max. TX power	2.4 GHz	22 dBm
	5–7 GHz	26 dBm
MIMO	2.4 GHz	2 x 2 (UL MU-MIMO)
	5 GHz	4 x 4 (DL/UL MU-MIMO)
	6 GHz	4 x 4 (DL/UL MU-MIMO)
Throughput rate	2.4 GHz	573.5 Mbps
	5 GHz	4.8 Gbps
	6 GHz	4.8 Gbps
Antenna gain	2.4 GHz	3.2 dBi
	5 GHz	5.3 dBi
	6 GHz	6 dBi
LEDs	White/blue	
Buttons	Reboot and factory reset	
Mounting	Wall/ceiling (Included)	
Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	

Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6/WiFi 6E
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	600+
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 6/6E)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)



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Access Point U6 Lite



Mechanical

Dimensions	Ø160 x 32.7 mm (Ø6.3 x 1.3")
Weight	Without mount: 300 g (0.66 lb) With mount: 315 g (0.7 lb)
Enclosure materials	Polycarbonate, aluminum
Mounting materials	Polycarbonate, SGCC steel

Hardware

Networking interface	(1) GbE RJ45 port	
Management interface	Ethernet Bluetooth	
Power method	PoE	
Power supply	PoE 48V, 0.32A PoE adapter (optional)	
Supported voltage range	44—57V DC	
Max. power consumption	13.5W	
Max. TX power	2.4 GHz	23 dBm
	5 GHz	23 dBm
MIMO	2.4 GHz	2 x 2
	5 GHz	2 x 2
Throughput rate	2.4 GHz	300 Mbps
	5 GHz	1201 Mbps
Antenna gain	2.4 GHz	2.8 dBi
	5 GHz	3 dBi
LEDs	White/blue	
Button	Factory reset	
Mounting	Wall/ceiling (included)	
Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	

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+



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 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 866.7 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
802.11ax (WiFi 6)	7.3 Mbps to 1.2 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80)



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Access Point U6 Long-Range



Mechanical

Dimensions	Ø220 x 48 mm (Ø8.7 x 1.9")
Weight	Without mount: 800 g (1.8 lb) With mount: 930 g (2.1 lb)
Enclosure material	Polycarbonate
Mount material	Stainless steel (SUS304)
Weatherproofing	IP54

Hardware

Networking interface	(1) GbE RJ45 port	
Management interfaces	Ethernet Bluetooth	
Power method	PoE+	
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (not included)	
Supported voltage range	44–57V DC	
Max. power consumption	18.5W	
Max. TX power	2.4 GHz	26 dBm
	5 GHz	26 dBm
MIMO	2.4 GHz	4 x 4
	5 GHz	4 x 4
Throughput rate	2.4 GHz	600 Mbps
	5 GHz	2400 Mbps
Antenna gain	2.4 GHz	4 dBi
	5 GHz	5.5 dBi
LEDs	White/blue	
Button	Factory reset	
Mounting	Wall/ceiling (included)	
Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	

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+

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 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)



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Access Point U6 Mesh



Mechanical

Dimensions	Ø48,5 x 159,5 mm (Ø1.9 x 6.3")
Weight	400 g (0.9 lb)
Enclosure materials	Polycarbonate, aluminum
Mount material	Polycarbonate
Weatherproofing	IPX5

Hardware

Networking interface	(1) GbE RJ45 port	
Management interface	Ethernet Bluetooth	
Power method	PoE	
Power supply	UniFi PoE switch 48V, 0.32A PoE adapter (included)	
Supported voltage range	44–57V DC	
Max. power consumption	11.4W	
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)
Throughput rate	2.4 GHz	573.5 Mbps
	5 GHz	4.8 Gbps
Antenna gain	2.4 GHz	3 dBi
	5 GHz	5 dBi
LEDs	White/blue	
Button	Factory reset	
Mounting	Wall, desktop, pole mount (included) Ceiling mount (optional)	
Operating temperature	-30 to 60° C (-22 to 140° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	

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

