

UB-UAP-U6-PRO

Ubiquiti UAP-U6-PRO UniFi Wi-Fi 6 Pro 4x4 MU-MIMO Access Point

Product Overview

Ubiquiti UAP-U6-pro UniFi Wi-Fi 6 Pro 4x4 MU-MIMO Access Point, 5.3 Gbps aggregate Radio rate, 1x GbE RJ45 Port, 802.3at PoE+ power Method, 573.5 Mbps @ 2.4 GHz, 4.8 Gbps @ 5 GHz, 4dBi 2.4 GHz antenna gain, 6dBi 5 GHz antenna gain, Wall / Ceiling mounting, 300+ concurrent clients



Specifications

Features:

Access Point WiFi 6 Pro

SKU: U6-Pro-US

Indoor, dual-band WiFi 6 access point that can support over 300 clients with its 5.3 Gbps aggregate throughput rate.

The Access Point WiFi 6 Pro (U6 Pro) is a high-performance, dual-band WiFi 6 access point ideal for home and office use. The U6 Pro is capable of reaching an aggregate throughput rate up to 5.3 Gbps with its 5 GHz (4x4 MIMO) and 2.4 GHz (2x2 MIMO) bands, which allows it to support over 300 concurrently connected clients while maintaining an even, reliable wireless experience across your entire network. It can also isolate your guest traffic to ensure optimal security and speed. The U6 Pro also operates at full 4x4 MIMO with 160 MHz channels to create high-capacity wireless uplinks and facilitate faster data transfer. It can be set up in minutes and fully managed with the UniFi Network application*.

- Dual-band WiFi 6 (802.11ax)
- 5 GHz (4x4 MU-MIMO and OFDMA) band with a 4.8 Gbps throughput rate
- 2.4 GHz (2x2 MU-MIMO and OFDMA) band with a 573.5 Mbps throughput rate
- Operates at full 4x4 MIMO with 160 MHz bandwidth
- 300+ concurrent client capacity
- Guest Traffic Isolation, which enhances wireless network security and lowers traffic congestion
- Included universal mounting plate, backing plate, and screw kit

Specifications:

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Product Specification Sheet

Specifications	
Product Code	UB-UAP-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
Mounting material	SGCC steel
Weatherproofing	IP54
Hardware	
Management interfaces	Ethernet
	Bluetooth
Networking interface	(1) GbE RJ45 port
Button	Factory reset
LEDs	White/Blue
Power method	802.3at PoE+
Power supply	UniFi PoE switch
	48V, 0.5A PoE adapter (not included)
Supported voltage range	44 to 57VDC
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
Mounting	Wall/ceiling (included)
Operating temperature	-30 to 60 degrees C (-22 to 140 degrees F)
Operating humidity	5 - 95% noncondensing
Certifications	CE, FCC, IC
Software	

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Product Specification Sheet

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 with upcoming firmware versions
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)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx.co.za/UB-UAP-U6-PRO-Ubiquiti-UAP-U6-PRO-UniFi-Wi-Fi-6-Pro-4x4-MU-MIMO-Access-Point-p-264310.php>

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