

## UniFi® Network



# UniFi 6 Professional

Experience the power and performance of WiFi 6 at an unbeatable price.

A focal point of the UniFi 6 line, the U6-Pro is a dual-band WiFi 6 (802.11ax) access point that represents the next generation of competitively priced, prosumer wireless technology for home and enterprise users. Delivering blazing throughput speeds of up to 5.3 Gbps over its 5 and 2.4GHz channels, the U6-Pro will maximize the WiFi experience of any residential or office deployment, and with its ability to support over 300 concurrent clients, the U6-Pro ensures reliable wireless coverage across even the most device-dense environments. The U6-Pro also marries power with ease of use through streamlined setup, configuration, and mobile-friendly management via the UniFi Network app.



## 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

Processor Specs	Dual-Core® Cortex® A53 at 1 GHz	
Memory Information	512 MB	
Management Interface	Ethernet	
Networking Interface	(1) 1 Gbps Ethernet RJ45	
Button	Factory Reset	
LED	RGB	
Power Method	PoE+, Passive PoE (48V)	
Power Supply	UniFi PoE Switch 48V, 0.5A PoE Adapter (Optional)	
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
	5 GHz	4 x 4
Throughput Speeds	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 (Kits Included)	
Operating Temperature	-10 to 50° C (14 to 122° F)	
Operating Humidity	5 - 95% Noncondensing	
Certifications	CE, FCC, IC	



## Software

Wi-Fi Standards	802.11a/b/g Wi-Fi 4/Wi-Fi 5/Wi-Fi 6
Wireless Security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3*) <small>*Supported With Upcoming Controller Versions</small>
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 (Mbps)

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 (Wi-Fi 4)	6.5 Mbps to 400 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (Wi-Fi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax (Wi-Fi 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](http://www.ui.com/support/warranty)

©2021 Ubiquiti Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, the Ubiquiti beam logo, UniFi, and UniFi Network are trademarks or registered trademarks of Ubiquiti Inc. in the United States and in other countries. All other trademarks are the property of their respective owners.