

U6-MESH-PRO

Ubiquiti UniFi6 Mesh Pro Indoor / Outdoor Dual Band WiFi Access Point

Product Overview

Ubiquiti UniFi6 Mesh Pro Indoor / Outdoor Dual Band WiFi Access Point, U6-MESH-PRO, 2x GbE RJ45 Ports, PoE Power Method, 573.5 Mbps @ 2.4GHz, 2.4 Gbps @ 5GHz, 8 dBi 2.4GHz antenna gain, 8 dBi 5GHz antenna gain, 350+ concurrent clients



Specifications

Overview:

U6 Mesh Pro

Indoor/outdoor WiFi 6 AP with 4 spatial streams, an integrated super antenna, and a gigabit passthrough port.

- WiFi 6
- 4 spatial streams
- 185 m² (2,000 ft²) coverage with the integrated omnidirectional super antenna
- 350+ connected devices
- Powered using PoE
- GbE uplink with (1) GbE passthrough port
- Versatile wall and pole mounting
- Weatherproof (outdoor exposed)

Specifications:

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Specifications	
Product Code	U6-MESH-PRO
Mechanical	
Dimensions	343.2 x 181.2 x 60.2 mm (13.5 x 7.1 x 2.4")
Weight	819 g (1.8 lb)
Enclosure material	UV-stabilized polycarbonate
Mount material	Aluminum alloy, steel
Pole mount diameter	1~2.5" on pipe outer diameter
Weatherproofing	IPX6
Hardware	
Networking interface	(2) GbE RJ45 ports
Management interface	Ethernet
	WiFi
Power method	PoE
Power supply	UniFi PoE switch
	48V, 0.5A PoE adapter (Included)
Supported voltage range	42.5-57V DC
Max. power consumption	9W
Max. TX power	
2.4 GHz	22 dBm
5 GHz	27 dBm
6 GHz	-

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Product Specification Sheet

MIMO	
2.4 GHz	2 x 2 (DL/UL MU MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
6 GHz	-
Max. data rate	
2.4 GHz	573.5 Mbps (BW40)
5 GHz	2.4 Gbps (BW160)
6 GHz	-
Antenna gain	
2.4 GHz	8 dBi
5 GHz	8 dBi
6 GHz	-
LEDs	White/blue
Button	Factory reset
Mounting	Wall, pole (Included)
Ambient operating temperature	-30 to 60 degrees C (-22 to 140 degrees F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC
Software	
WiFi standards	802.11a/b/g/n/ac/ax (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	350+
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	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
Application Requirements	
UniFi Network	Version 8.1.127 and later

Product Information Online

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

Product page:

<https://www.comx-computers.co.za/U6-MESH-PRO-Ubiquiti-UniFi6-Mesh-Pro-Indoor-Outdoor-Buy-p-310952.php>

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