

Outdoor U7 Pro Outdoor U7 Outdoor U7 Mesh **U6 Mesh Pro** U6 Mesh AC Mesh Swiss Army Knife

U6 Mesh Pro

U6-Mesh-Pro

\$199.00



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

UI Care 5 Year Coverage \$39.00/unit
 Faster replacement and priority support, covered for 5 years.

- Replacement ships before inspection
- RMA tickets prioritized end to end
- Prepaid return shipping included

Powerful Accessories

 **Ethernet Surge Protection Outdoor**
 \$12.50

Overview **Technical** In The Box Add-ons

Compare

Installation Guide

Overview

Dimensions 343.2 x 181.2 x 60.2 mm
(13.5 x 7.1 x 2.4")

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Spatial Streams	4
Coverage Area	185 m ² (2,000 ft ²)
Max. Client Count	250+
Uplink	GbE
Mounting	Wall, Pole (Mounts Included)
Weatherproofing	IPX6
Power Method	PoE

Performance

MIMO

5 GHz	2 x 2 (DL/UL MU MIMO)
2.4 GHz	2 x 2 (DL/UL MU-MIMO)

Max. Data Rate

5 GHz	2.4 Gbps (BW160)
2.4 GHz	573.5 Mbps (BW40)

Antenna Gain

5 GHz	8 dBi
2.4 GHz	8 dBi

Max. TX Power

5 GHz	27 dBm
2.4 GHz	22 dBm

Max. BSSIDs 8 per Radio

Supported Data Rates

802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15 , HT 20/40)

Features

Wireless Meshing	✓
Band Steering	✓
802.11v BSS Transition Management	✓

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802.11k Radio Resource Management (RRM)	✓
Advanced Radio Management	✓
Passpoint (Hotspot 2.0)	✓
Captive Hotspot Portal	
Custom Branding Landing Page	✓
Voucher Authentication	✓
Payment-Based Authentication	✓
External Portal Server Support	✓
Password Authentication	✓
Guest Network Isolation	✓
Private Pre-Shared Key (PPSK)	✓
WiFi Speed Limiting	✓
Client Device Isolation	✓
WiFi Schedules	✓
RADIUS over TLS (RadSec)	✓
Dynamic RADIUS-assigned VLAN	✓

Hardware

Max. Power Consumption	9W
Includes PoE Adapter	✓
Supported Voltage Range	42.5-57V DC
Networking Interface	(2) GbE RJ45 ports
Weight	819 g (1.8 lb)
Pole Mount Diameter	1-2.5" (25-63.5 mm)
Management	Ethernet WiFi
Enclosure Material	UV-stabilized polycarbonate
Mount Material	Aluminum alloy, steel
LEDs	
System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160 (MHz)
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 06377-24-08356

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Operating Frequency US/CA:
2400 - 2472 MHz
U-NII-1: 5150 - 5250 MHz
U-NII-2A: 5250 - 5350 MHz
U-NII-2C: 5470 - 5725 MHz
U-NII-3: 5725 - 5850 MHz

Ambient Operating Temperature Worldwide:
-30 to 60° C (-22 to 140° F)

Ambient Operating Humidity 5 to 95% noncondensing

Software

Application Requirements

UniFi Network Version 8.1.127 and later

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