

^ Overview

Dimensions	343.2 x 181.2 x 60.2 mm (13.5 x 7.1 x 2.4")
WiFi Standard	WiFi 6
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	✓
802.11r Fast Roaming	✓
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)
NDA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 06377-24-08356
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 Worldwide: 2400 - 2483.5 MHz 5150 - 5725 MHz
Ambient Operating Temperature	-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