Overview

Dimensions	⌀175.7 x 43 mm (⌀6.9 x 1.7")
WiFi Standard	WiFi 7
Spatial Streams	5
Coverage Area	160 m² (1,750 ft²)
Max. Client Count	300+
Uplink	2.5 GbE
Mounting	Ceiling, Wall (Plastic Mounting Plate included)
Power Method	PoE

Performance

MIMO	
5 GHz	3 x 3 (DL/UL MU-MIMO)
2.4 GHz	2 x 2 (DL/UL MU-MIMO)
Max. Data Rate	
5 GHz	4.3 Gbps (BW160)
2.4 GHz	688 Mbps (BW40)
Antenna Gain	
5 GHz	6 dBi
2.4 GHz	4 dBi
Max. TX Power	
5 GHz	27 dBm
2.4 GHz	26 dBm

Supported Data Rates

802.11be (WiFi 7)	7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2/3, EHT 20/40/80/160)
802.11ax (WiFi 6)	7.3 Mbps to 3.6 Gbps (MCS0 - MCS11 NSS1/2/3, HE 20/40/80/160)
802.11ac (WiFi 5)	6.5 Mbps to 2.6 Gbps (MCS0 - MCS9 NSS1/2/3, VHT 20/40/80/160)
802.11n	6.5 Mbps to 450 Mbps (MCS0 - MCS23 , 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	14W
Includes PoE Adapter	—
Supported Voltage Range	42.5–57V DC
Networking Interface	(1) 2.5 GbE RJ45 port
Weight	448 g (15.8 oz)
Management	Ethernet
Enclosure Material	Polycarbonate, aluminum alloy
Mount Material	Polycarbonate, galvanized steel (SGCC)
LEDs	
System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160 (MHz)
NDAA Compliant	✓
Certifications	CE, FCC, IC, SRRC, Anatel: 04071-25-08356
Ambient Operating Temperature	-30 to 50° C (-22 to 122° F)
Ambient Operating Humidity	5 to 95% noncondensing

Software

Application Requirements

UniFi Network	Version 9.1.120 and later
Mobile App	iOS™ version 10.20.2 and later Android™ version 10.21.7 and later