

Technical Specifications

Overview

Dimensions	Ø175.7 x 43 mm (Ø6.9 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	Yes
Band Steering	Yes
802.11v BSS Transition Management	Yes
802.11r Fast Roaming	Yes
802.11k Radio Resource Management (RRM)	Yes
Advanced Radio Management	Yes
Passpoint (Hotspot 2.0)	Yes
Captive Hotspot Portal	
Custom Branding Landing Page	Yes
Voucher Authentication	Yes
Payment-Based Authentication	Yes
External Portal Server Support	Yes
Password Authentication	Yes
Guest Network Isolation	Yes
Private Pre-Shared Key (PPSK)	Yes
WiFi Speed Limiting	Yes
Client Device Isolation	Yes
WiFi Schedules	Yes
RADIUS over TLS (RadSec)	Yes
Dynamic RADIUS-assigned VLAN	Yes

Hardware

Max. Power Consumption	14W
Includes PoE Adapter	No
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	Yes
Certifications	CE, FCC, IC
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