

Overview

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|--------------------|---|
| Dimensions | Ø171.5 x 33 mm (Ø6.8 x 1.3") |
| WiFi Standard | WiFi 7 |
| Spatial Streams | 4 |
| Coverage Area | 115 m ² (1,250 ft ²) |
| Max. Client Count | 200+ |
| Uplink | 2.5 GbE |
| Mounting Locations | Ceiling, wall |
| Mounting Plate | Plastic mounting plate (Included) |
| 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 4.3 Gbps (BW240)

2.4 GHz 688 Mbps (BW40)

Antenna Gain

5 GHz 5 dBi

2.4 GHz 4 dBi

Max. TX Power

5 GHz 24 dBm

2.4 GHz 23 dBm

Max. BSSIDs 8 per Radio

Supported Data Rates

802.11be (WiFi 7) 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240)

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|-------------------|---|
| 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 1.7Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160) |
| 802.11n | 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40) |

Features

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| 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

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|-------------------------------|---|
| Max. Power Consumption | 13W |
| Supported Voltage Range | 42.5—57V DC |
| Networking Interface | (1) 2.5 GbE RJ45 port |
| Weight | 313 g (11 oz) |
| Management | Ethernet |
| Enclosure Material | UV-stabilized polycarbonate |
| Mount Material | UV-stabilized polycarbonate, galvanized steel (SGCC) |
| LEDs | |
| System | White/Blue |
| Channel Bandwidth | HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160/240 (MHz) |
| Certifications | CE, FCC, IC |
| Ambient Operating Temperature | -30 to 40° C (-22 to 104° F) |
| Ambient Operating Humidity | 5 to 95% noncondensing |

Software

Application Requirements

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|---------------|--|
| UniFi Network | Version 9.0.114 and later |
| UniFi OS | iOS™ version 10.20.2 and later Android™ version 10.21.7 and later |