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Overview

|                    |                                            |
|--------------------|--------------------------------------------|
| Dimensions         | 137 x 98.7 x 30.2 mm<br>(5.4 x 3.9 x 1.2") |
| WiFi Standard      | WiFi 7                                     |
| Spatial Streams    | 4                                          |
| Coverage Area      | 115 m² (1,250 ft²)                         |
| Max. Client Count  | 200+                                       |
| Uplink             | 2.5 GbE                                    |
| Mounting Locations | Wall                                       |
| Mounting Plate     | Metal wall mount (Included)                |
| Power Method       | PoE<br>PoE+ (Required for PoE output)      |

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          | 8 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)        |
| 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)                           |
| ^ <b>Features</b>                       |                                                                         |
| 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            | ✓                                                                       |
| ^ <b>Hardware</b>                       |                                                                         |
| Max. Power Consumption                  | 13W (Excluding PoE output)                                              |
| Supported Voltage Range                 | 42.5—57V DC                                                             |
| Networking Interface                    | (3) 2.5 GbE RJ45 ports                                                  |
| Weight                                  | 400 g (14.1 oz)                                                         |
| Management                              | Ethernet                                                                |
| Built-In Switch                         | (1) PoE+ input and<br>(1) PoE output                                    |
| Enclosure Material                      | Polycarbonate, aluminum alloy                                           |
| Mount Material                          | Aluminum alloy                                                          |
| 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

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

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