

## Technical Specifications

### Mechanical

<b>Dimensions</b>	Ø215 x 32.5 mm (Ø8.5 x 1.3")
<b>Weight</b>	800 g (1.8 lb)
<b>Enclosure material</b>	Polycarbonate, aluminum
<b>Mount material</b>	Stainless steel (SUS304), galvanized steel (SGCC)

### Hardware

<b>Networking interface</b>	(1) 1/2.5/5/10 GbE RJ45 port
<b>Management interface</b>	Ethernet
<b>Power method</b>	PoE++
<b>Power supply</b>	UniFi PoE switch
<b>Supported voltage range</b>	42.5—57V DC
<b>Max. power consumption</b>	29W
<b>Max. TX power</b>	
2.4 GHz	23 dBm
5 GHz	29 dBm
6 GHz	24 dBm

### MIMO

2.4 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	4 x 4 (DL/UL MU-MIMO)
6 GHz	2 x 2 (DL/UL MU-MIMO)
<b>Max. data rate</b>	
2.4 GHz	688 Mbps (BW40)
5 GHz	8.6 Gbps (BW240)
6 GHz	5.7 Gbps (BW320)

### Antenna gain

2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	6 dBi

**LEDs** White/blue

**Button** Factory reset

**Mounting** Wall, ceiling (Included)

**Ambient operating temperature** -30 to 40° C (-22 to 104° F)

**Ambient operating humidity** 5 to 95% noncondensing

**Certifications** CE, FCC, IC

### Software

<b>WiFi standards</b>	802.11a/b/g/n/ac/ax/be (WiFi 6, WiFi 7)
<b>Wireless security</b>	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
<b>BSSID</b>	8 per radio
<b>VLAN</b>	802.1Q
<b>Advanced QoS</b>	Per-user rate limiting
<b>Guest traffic isolation</b>	Supported

**Concurrent clients** 500+

**Supported Data Rates**

**802.11a** 6, 9, 12, 18, 24, 36, 48, 54 Mbps

**802.11b** 1, 2, 5.5, 11 Mbps

**802.11g** 6, 9, 12, 18, 24, 36, 48, 54 Mbps

**802.11n** 6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)

**802.11ac** 6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)

**802.11ax (WiFi 6)** 7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

**802.11be (WiFi 7)**  
**5 GHz** 7.3 Mbps to 8.6 Gbps (MCS0 - MCS13 NSS1/2/3/4, EHT 20/40/80/160/240)

**6 GHz** 7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)