

Mechanical

Dimensions	Ø206 x 46 mm (Ø8.1 x 1.8")
Weight	680 g (1.5 lb)
Enclosure material	Polycarbonate, aluminum
Mount material	Stainless steel (SUS304), galvanized steel (SGCC)

Hardware

Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44—57V DC
Max. power consumption	25W
Max. TX power	
2.4 GHz	23 dBm
5 GHz	29 dBm
6 GHz	23 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)
Max. data rate	
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	5.9 dBi
LEDs	White/blue
Button	Factory reset
Mounting	Wall, ceiling (Included)
Ambient operating temperature	-30 to 50° C (-22 to 122° F)

Ambient operating humidity	5 to 95% noncondensing
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Certifications	CE, FCC, IC
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Software

WiFi standards	802.11a/b/g/n/ac/ax/be (WiFi 6/6E, WiFi 7)
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Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
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BSSID	8 per radio
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VLAN	802.1Q
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Advanced QoS	Per-user rate limiting
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Guest traffic isolation	Supported
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Concurrent clients	500+
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Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
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802.11b	1, 2, 5.5, 11 Mbps
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802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
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802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
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802.11ac	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
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802.11ax (WiFi 6/6E)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
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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)

Application Requirements

UniFi Network	Version 8.2.93 and later
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