

Technical Specifications

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	22W
Max. TX power	
2.4 GHz	23 dBm
5 GHz	29 dBm
6 GHz	23 dBm

MIMO

2.4 GHz	2 x 2
5 GHz	4 x 4
6 GHz	2 x 2

Throughput rate

2.4 GHz	688 Mbps
5 GHz	8648 Mbps
6 GHz	5765 Mbps

Antenna gain

2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	5.9 dBi

LEDs	White/blue
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Button	Factory reset
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Mounting	Wall, ceiling (Included)
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Ambient operating temperature	-30 to 60° C (-22 to 140° F)
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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
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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+

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 300 Mbps (MCS0 - MCS15, HT 20/40)

802.11ac (WiFi 5) 6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)

802.11ax (WiFi 6/6E) 7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)

802.11be (WiFi 7) 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