

## Access Point U6 In-Wall



## Mechanical

Dimensions	139.66 x 96 x 31.19 mm (5.5 x 3.78 x 1.28")
Weight	460 g (1.01 lb)
Enclosure materials	Plastic, aluminum
Mount material	Aluminum

## Hardware

Management interfaces	Ethernet Bluetooth				
Networking interfaces	(1) Data-in: 1GbE RJ45 port (4) Data-out: 1GbE RJ45 ports				
PoE interfaces	(1) PoE in (PoE output not used) (1) PoE out (requires a PoE+ switch)				
Button	Factory reset				
LED	White/blue				
Power method	PoE				
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (optional)				
Max. power consumption	Excluding PoE output: 13.5W				
Max PoE wattage per port by PSE	15.4W* <small>*Requires a PoE+ switch</small>				
Voltage range PoE mode	44–57V DC				
Max. TX power	<table border="1"> <tr> <td>2.4 GHz</td> <td>22 dBm</td> </tr> <tr> <td>5 GHz</td> <td>26 dBm</td> </tr> </table>	2.4 GHz	22 dBm	5 GHz	26 dBm
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MIMO	<table border="1"> <tr> <td>2.4 GHz</td> <td>2 x 2 (UL MU-MIMO)</td> </tr> <tr> <td>5 GHz</td> <td>4 x 4 (DL/UL MU-MIMO)</td> </tr> </table>	2.4 GHz	2 x 2 (UL MU-MIMO)	5 GHz	4 x 4 (DL/UL MU-MIMO)
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Throughput rate	<table border="1"> <tr> <td>2.4 GHz</td> <td>573.5 Mbps</td> </tr> <tr> <td>5 GHz</td> <td>4.8 Gbps</td> </tr> </table>	2.4 GHz	573.5 Mbps	5 GHz	4.8 Gbps
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Antenna gain	<table border="1"> <tr> <td>2.4 GHz</td> <td>5 dBi</td> </tr> <tr> <td>5 GHz</td> <td>5.9 dBi</td> </tr> </table>	2.4 GHz	5 dBi	5 GHz	5.9 dBi
2.4 GHz	5 dBi				
5 GHz	5.9 dBi				
Operating temperature	-30 to 60° C (-22 to 140° F)				
Operating humidity	5 to 95% noncondensing				
Certifications	CE, FCC, IC				

## Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting

Guest traffic isolation	Supported
Concurrent clients	300+
Zero-wait DFS	Yes

### 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 (WiFi 4)	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac (WiFi 5)	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)

