

Access Point U6 Enterprise In-Wall



Mechanical

Dimensions	159.7 x 156.7 x 33.8 mm (6.3 x 6.2 x 1.3")
Weight	884 g (1.95 lb)
Enclosure materials	Top housing: plastic Bottom housing: aluminum
Mount material	Aluminum

Hardware

Management interface	Ethernet Bluetooth						
Networking interface	(1) 2.5GbE RJ45 port (Data in) (4) GbE RJ45 ports (Data out)						
PoE interface	(1) PoE+ input (1) PoE output						
Buttons	Factory-reset						
LED	White/blue						
Power method	PoE+ PoE++ (required for PoE output)						
Power supply	UniFi PoE switch						
Max. power consumption	Excluding PoE output: 21W						
Max. PoE wattage per port by PSE	15.4W						
Supported voltage range	44–57V DC						
Max. TX power	<table border="1"> <tr> <td>2.4 GHz</td> <td>22 dBm</td> </tr> <tr> <td>5-7 GHz</td> <td>26 dBm</td> </tr> </table>	2.4 GHz	22 dBm	5-7 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> <tr> <td>6 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)	6 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> <tr> <td>6 GHz</td> <td>4.8 Gbps</td> </tr> </table>	2.4 GHz	573.5 Mbps	5 GHz	4.8 Gbps	6 GHz	4.8 Gbps
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Antenna gain	<table border="1"> <tr> <td>2.4 GHz</td> <td>4 dBi</td> </tr> <tr> <td>5 GHz</td> <td>5.8 dBi</td> </tr> <tr> <td>6 GHz</td> <td>5.8 dBi</td> </tr> </table>	2.4 GHz	4 dBi	5 GHz	5.8 dBi	6 GHz	5.8 dBi
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5 GHz	5.8 dBi						
6 GHz	5.8 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/WiFi 6E
Wireless security protocols	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 client support	600+
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 6/6E)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)

