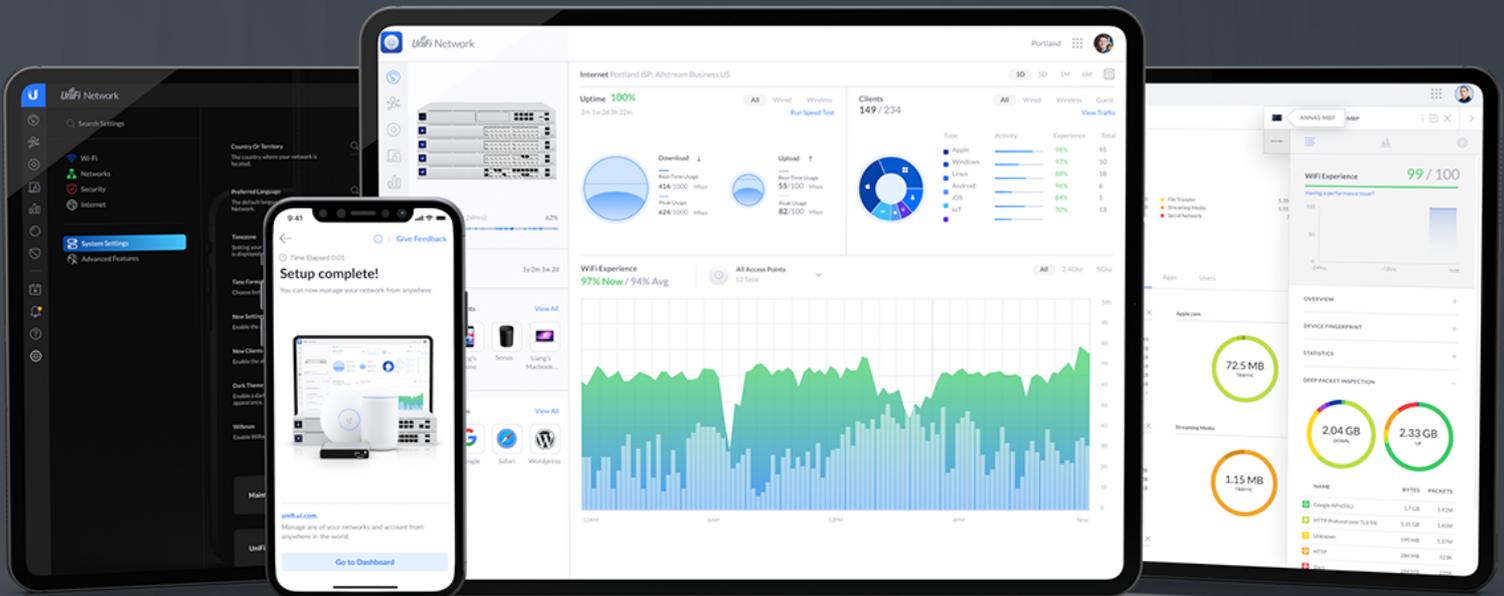


UniFi® Network



Access Point WiFi 6 Enterprise

WiFi 6 access point with a 600+ client capacity.

The Access Point WiFi 6 Enterprise (U6 Enterprise) is a next-generation, enterprise-grade access point designed to take advantage of WiFi 6E speeds. Ideal for demanding, high-density networks, the U6 Enterprise can support up to 600+ clients over its 2.4, 5, and 6 GHz channels. Each of the U6 Enterprise's three bands also utilizes OFDMA technology, which tactically distributes high volumes of data to ensure that your clients maintain a reliably fast, quality connection.



Mechanical

Dimensions	Ø220 x 48.1 mm (Ø8.66 x 1.89")
Weight	Without mount: 960 g (2.1 lb) With mount: 1090 g (2.4 lb)
Enclosure materials	Top housing: plastic Bottom housing: aluminium
Mount material	SGCC steel

Hardware

Management interfaces	Ethernet Bluetooth						
Networking interface	(1) 2.5GbE RJ45 port						
Buttons	Reboot and factory reset						
LED	White/blue						
Power method	802.3at PoE+						
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (optional)						
Supported voltage range	44 to 57VDC						
Max. power consumption	22W						
Max. TX power	<table><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><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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5 GHz	4 x 4 (DL/UL MU-MIMO)						
6 GHz	4 x 4 (DL/UL MU-MIMO)						
Throughput rate	<table><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><tr><td>2.4 GHz</td><td>3.2 dBi</td></tr><tr><td>5 GHz</td><td>5.3 dBi</td></tr><tr><td>6 GHz</td><td>6 dBi</td></tr></table>	2.4 GHz	3.2 dBi	5 GHz	5.3 dBi	6 GHz	6 dBi
2.4 GHz	3.2 dBi						
5 GHz	5.3 dBi						
6 GHz	6 dBi						
Mounting	Wall/ceiling (included)						
Operating temperature	-30 to 60° C (-22 to 140° F)						
Operating humidity	5 - 95% noncondensing						
Certifications	CE, FCC, IC						



Software

WiFi standards	802.11a/b/g WiFi 4/WiFi 5/WiFi 6/WiFi 6E
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	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)



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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