

UniFi® Network



Access Point WiFi 6 Extender

Easy-to-deploy WiFi 6 coverage extender with a 5.3+ Gbps aggregate throughput rate.

The Access Point WiFi 6 Extender (U6 Extender) is a portable, plug-and-play WiFi 6 access point that can easily and instantly broaden your home or office's wireless coverage. With its dual-band design and 5.3+ Gbps aggregate throughput rate, the U6 Extender delivers the strong, reliable connectivity needed to support even the most device-dense networks. Deploying this access point is as simple as plugging it in, and its compact frame allows you to strengthen your signal without cluttering your space or disrupting its aesthetic. The U6 Extender can be adopted to your network in a matter of minutes and centrally managed with either the UniFi Network web application or mobile app.



Mechanical

Dimensions	169.7 x 112.2 x 77.6 mm (6.68 x 4.42 x 3.05")
Weight	340 g (12 oz)
Enclosure material	Plastic

Hardware

Management interface	Bluetooth	
Button	Factory reset	
LED*	White/blue <small>*Due to chip supply shortages, the U6AP's LED has been limited to only white and blue color modes.</small>	
Power method	Universal AC input, 100-240VAC, 0.3A max., 50/60 Hz	
Supported voltage range	110 to 240VAC	
Max. power consumption	11W	
Max. TX power	2.4 GHz	22 dBm
	5 GHz	26 dBm
MIMO	2.4 GHz	2 x 2 (UL MU-MIMO)
	5 GHz	4 x 4 (DL/UL MU-MIMO)
Throughput rate	2.4 GHz	573.5 Mbps
	5 GHz	4.8 Gbps
Antenna gain	2.4 GHz	5 dBi
	5 GHz	6 dBi
Operating temperature	-10 to 50° C (14 to 122° F)	
Operating humidity	5 to 95% noncondensing	
Certification	CE	

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 3.4Gbps (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)



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