

UniFi6 Extender



Mechanical

Dimensions	169.7 x 112.2 x 32.2 mm (6.68 x 4.42 x 1.27")
Weight	290 g (10.2 oz)
Enclosure material	Plastic

Hardware

Management interface	Bluetooth	
Button	Factory reset	
LED*	White/blue <small>*Due to chips supply shortages, the U6 AP'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	
Certifications	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 3.4Gbps (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)

