

UniFi6 Lite



Mechanical

Dimensions	Ø160 x 32.65 mm (Ø6.3 x 1.3")
Weight	Without mount: 300 g (10.6 oz) With mount: 315 g (11.1 oz)
Enclosure materials	Polycarbonate, aluminum
Mounting materials	Polycarbonate, SGCC steel

Hardware

Management interfaces	Ethernet Bluetooth				
Networking interface	(1) GbE RJ45 port				
Button	Factory reset				
LED*	White/blue <small>*Due to chips supply shortages, the U6 Lite's LED has been limited to only white and blue color modes.</small>				
Power method	PoE, passive PoE (48V)				
Power supply	PoE 48V, 0.32A PoE adapter (optional)				
Supported voltage range	44 to 57VDC				
Max. power consumption	12W				
Max. TX power	<table border="1"> <tr> <td>2.4 GHz</td> <td>23 dBm</td> </tr> <tr> <td>5 GHz</td> <td>23 dBm</td> </tr> </table>	2.4 GHz	23 dBm	5 GHz	23 dBm
2.4 GHz	23 dBm				
5 GHz	23 dBm				
MIMO	<table border="1"> <tr> <td>2.4 GHz</td> <td>2 x 2</td> </tr> <tr> <td>5 GHz</td> <td>2 x 2</td> </tr> </table>	2.4 GHz	2 x 2	5 GHz	2 x 2
2.4 GHz	2 x 2				
5 GHz	2 x 2				
Throughput rate	<table border="1"> <tr> <td>2.4 GHz</td> <td>300 Mbps</td> </tr> <tr> <td>5 GHz</td> <td>1201 Mbps</td> </tr> </table>	2.4 GHz	300 Mbps	5 GHz	1201 Mbps
2.4 GHz	300 Mbps				
5 GHz	1201 Mbps				
Antenna gain	<table border="1"> <tr> <td>2.4 GHz</td> <td>2.8 dBi</td> </tr> <tr> <td>5 GHz</td> <td>3 dBi</td> </tr> </table>	2.4 GHz	2.8 dBi	5 GHz	3 dBi
2.4 GHz	2.8 dBi				
5 GHz	3 dBi				
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
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+

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 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 866.7 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
802.11ax (WiFi 6)	7.3 Mbps to 1.2 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80)

