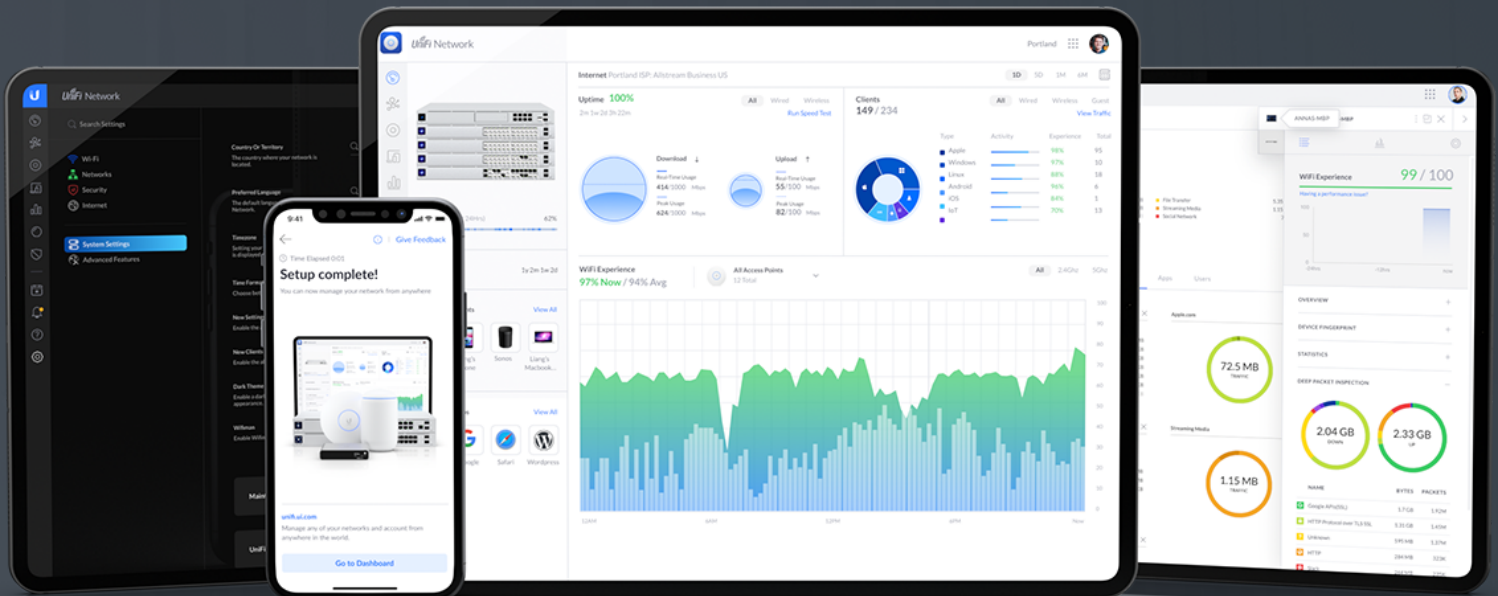


UniFi® 6 Lite

Datasheet
U6-Lite

UniFi® Network



UniFi 6 Lite



Wi-Fi 6 Access Point with dual-band 2x2 MIMO in a compact design for low-profile mounting.

The U6-Lite is a WiFi6 5GHz access point engineered to maximize wireless speeds and designed for nonintrusive ceiling or wall mounting. With two-stream capability that yields up to a 1.5 Gbps throughput, the U6-Lite delivers a fast, reliable signal to even the most device-dense wireless environments. The U6-Lite also fits with Nano HD covers and mounts.

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 Characteristics	Polycarbonate 110 and ADC12 Die Casting
Mounting Characteristics	Polycarbonate, SGCC Steel

Hardware

Processor Specs	880 MHz MIPS 1004 KEc	
Memory Information	256 MB	
Management Interface	Ethernet In-Band	
Networking Interface	(1) 10/100/1000 Mbps Ethernet RJ45	
Buttons	Factory Reset	
LEDs	White/Blue	
Power Method	802.3af PoE, Passive PoE (48V)	
Power Supply	802.3af PoE; 48V, 0.32A PoE Adapter (Not Included)	
Supported Voltage Range	44 to 57VDC	
Max. Power Consumption	12W	
Max. TX Power	2.4 GHz	23 dBm
	5 GHz	23 dBm
MIMO	2.4 GHz	2 x 2
	5 GHz	2 x 2
Throughput Speeds	2.4 GHz	300 Mbps
	5 GHz	1201 Mbps
Antenna Gain	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

Wi-Fi Standards	802.11a/b/g Wi-Fi 4/Wi-Fi 5/Wi-Fi 6
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Wireless Security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3*) *Supported With Upcoming Controller Versions
BSSID	8 per Radio
VLAN	802.1Q
Advanced QoS	Per-User Rate Limiting
Guest Traffic Isolation	Supported
Concurrent Clients	300+

Supported Data Rates (Mbps)

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n (Wi-Fi 4)	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11ac (Wi-Fi 5)	6.5 Mbps to 866.7 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
802.11ax (Wi-Fi 6)	7.3 Mbps to 1.2 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80)

