



UniFi UISP Branding

Q U6-LITE+

s Switching WiFi Physical Security Door Access Integrations Advanced Hosting

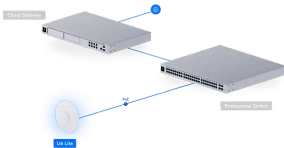
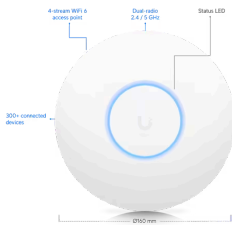
Flagship > U6 Lite



U6 Lite

U6-Lite

- Datasheet
- In The Box
- Marketing Images
- Accessories
- Installation Guide



Overview

Dimensions	Ø160 x 33 mm (Ø6.3 x 1.3")
WiFi Standard	WiFi 6
Spatial Streams	4
Coverage Area	115 m ² (1,250 ft ²)
Max. Client Count	300+
Uplink	GbE
Mounting	Ceiling, Wall (Mounts Included)
Power Method	PoE ⓘ

^ Performance

MIMO

5 GHz	2 x 2 (DL/UL MU-MIMO)
2.4 GHz	2 x 2 (SU-MIMO)

Max. Data Rate

5 GHz	1.2 Gbps (BW80)
2.4 GHz	300 Mbps (BW40)

Antenna Gain

5 GHz	3 dBi
2.4 GHz	2.8 dBi

Max. TX Power

5 GHz	23 dBm
2.4 GHz	23 dBm

Max. BSSIDs	8 per Radio
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Supported Data Rates

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

^ Features

Wireless Meshing	✓
Band Steering	✓
802.11v BSS Transition Management	✓
802.11r Fast Roaming	✓
802.11k Radio Resource Management (RRM)	✓
Advanced Radio Management	✓
Passpoint (Hotspot 2.0)	✓

Captive Hotspot Portal

Custom Branding Landing Page	✓
Voucher Authentication	✓
Payment-Based Authentication	✓
External Portal Server Support	✓
Password Authentication	✓
Guest Network Isolation	✓
Private Pre-Shared Key (PPSK)	✓
WiFi Speed Limiting	✓
Client Device Isolation	✓
WiFi Schedules	✓
RADIUS over TLS (RadSec)	✓
Dynamic RADIUS-assigned VLAN	✓

^ **Hardware**

Max. Power Consumption	12W
Supported Voltage Range	44-57V DC
Networking Interface	(1) GbE RJ45 port
Weight	Device: 300 g (10.6 oz) With mount: 315 g (11.1 oz)
Management	Ethernet Bluetooth
Enclosure Material	Polycarbonate, aluminum
Mount Material	Polycarbonate, SGCC steel
LEDs	
System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80, HE 20/40/80 (MHz)
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 08784-21-08356

Operating Frequency	US/CA:
	2400 - 2472 MHz
	U-NII-1: 5150 - 5250 MHz
	U-NII-2A: 5250 - 5350 MHz
	U-NII-2C: 5470 - 5725 MHz
	U-NII-3: 5725 - 5850 MHz

	Worldwide:
	2400 - 2483.5 MHz
	5150 - 5850 MHz i

Ambient Operating Temperature	-30 to 60° C (-22 to 140° F)
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Ambient Operating Humidity	5 to 95% noncondensing
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^ **Software**

Application Requirements

UniFi Network	Version 6.0.45 and later
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