

UniFi

UISP

Branding

Search UniFi products

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Switching

WiFi

Camera Security

Door Access

Integrations

Advanced Hosting

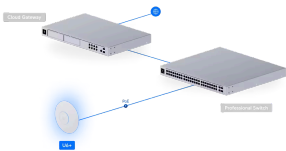
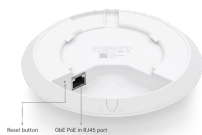
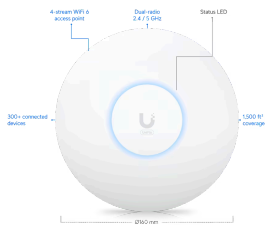
Flagship > U6+

Datasheet

In The Box

Marketing Images

Installation Guide



^ Overview

Dimensions	Ø160 x 33 mm (Ø6.3 x 1.3")
WiFi Standard	WiFi 6
Spatial Streams	4
Coverage Area	140 m ² (1,500 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 (DL/UL MU-MIMO)
Max. Data Rate	
5 GHz	2.4 Gbps (BW160)
2.4 GHz	573.5 Mbps (BW40)
Antenna Gain	
5 GHz	5.4 dBi
2.4 GHz	3 dBi
Max. TX Power	
5 GHz	23 dBm
2.4 GHz	23 dBm
Max. BSSIDs	
8 per Radio	
Supported Data Rates	
802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
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	9W
Supported Voltage Range	44—57V DC
Networking Interface	(1) GbE RJ45 port
Weight	Device: 338 g (11.9 oz) With mount: 413 g (14.6 oz)
Management	Ethernet
Enclosure Material	Polycarbonate, aluminum
Mount Material	ABS, SGCC steel
LEDs	
System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160 (MHz)
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel, SRRC US/CA: 2400 - 2472 MHz U-NII-1: 5150 - 5250 MHz U-NII-2A: 5250 - 5350 MHz

Operating Frequency

U-NII-2C: 5470 - 5725 MHz
U-NII-3: 5725 - 5850 MHz

Worldwide:
2400 - 2483.5 MHz
5150 - 5725 MHz

Ambient Operating Temperature

-30 to 60° C (-22 to 140° F)

Ambient Operating Humidity

5 to 95% noncondensing

^ **Software**

Application Requirements

UniFi Network

Version 7.3.76 and later

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