



U7 Lite

Specifications:

Dimensions	Ø171.5 x 33 mm
WiFi Standard	WiFi 7
Spatial Streams	4
Coverage Area	115 m ² (1,250 ft ²)
Max. Client Count	200+
Uplink	2.5 GbE
Mounting Locations	Ceiling, wall
Mounting Plate	Plastic mounting plate (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: 4.3 Gbps (BW240) 2.4 GHz: 688 Mbps (BW40)
Antenna Gain	5 GHz: 5 dBi 2.4 GHz: 4 dBi
Max. TX Power	5 GHz: 24 dBm 2.4 GHz: 23 dBm
Max. BSSIDs	8 per Radio
Supported Data Rates	802.11be (WiFi 7): 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240) 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 1.7Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160) 802.11n: 6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)

Hardware

Max. Power Consumption	13W
Supported Voltage Range	42.5–57V DC
Networking Interface	(1) 2.5 GbE RJ45 port
Weight	313 g
Ethernet	Enclosure Material: UV-stabilized polycarbonate
Mount Material	UV-stabilized polycarbonate, galvanized steel (SGCC)



Datasheet

LEDs	System: White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160/240 (MHz)
Certifications	CE, FCC, IC
Ambient Operating Temperature	-30°C to 40°C
Ambient Operating Humidity	5 to 95% non condensing
Software	
Application Requirements	UniFi Network Version 9.0.114 and later
UniFi OS	iOS™ version 10.20.2 and later Android™ version 10.21.7 and later

