



## Specifications

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Dimensions	ø48.5 × 159.5 mm
WiFi Standard	WiFi 7
Spatial Streams	4
Coverage Area	140 m <sup>2</sup>
Max. Client Count	200+
Uplink	2.5 GbE
Mounting	Wall, Pole, Table stand
Weatherproofing	IPX6 (Installed with the outdoor mount)
Power Method	PoE
Performance	
MIMO 5 GHz	2 × 2 (DL/UL MU-MIMO)
MIMO 2.4 GHz	2 × 2 (DL/UL MU-MIMO)
Max. Data Rate 5 GHz	4.3 Gbps (BW240)
Max. Data Rate 2.4 GHz	688 Mbps (BW40)
Antenna Gain 5 GHz	Omnidirectional: 6 dBi Directional: 10 dBi
Antenna Gain 2.4 GHz	3 dBi
Max. TX Power 5 GHz	24 dBm
Max. TX Power 2.4 GHz	23 dBm
Max. BSSIDs	8 per Radio
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	✓

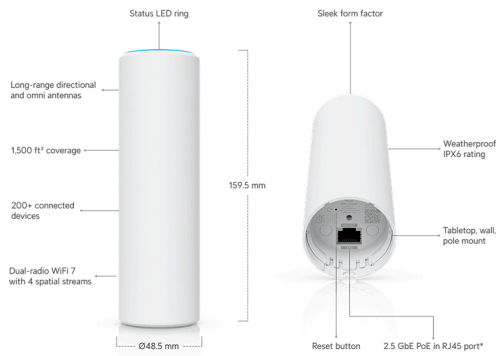


## Specifications (cont.)

Private Pre-Shared Key (PPSK)	✓
WiFi Speed Limiting	✓
Client Device Isolation	✓
WiFi Schedules	✓
RADIUS over TLS (RadSec)	✓
Dynamic RADIUS-assigned VLAN	✓
<b>Hardware</b>	
Max. Power Consumption	13W
Includes PoE Adapter	✓
Supported Voltage Range	42.5–57V DC
Networking Interface	(1) 2.5 GbE RJ45 port
Weight	313 g
Enclosure Material	UV-stabilized polycarbonate
Mount Material	UV-stabilized polycarbonate
NDAA Compliant	✓
Certifications	CE, FCC, IC
Ambient Operating Temperature	-30 to 60° C
Ambient Operating Humidity	5 to 95% noncondensing
<b>Software</b>	
Application Requirements	UniFi Network Version 10.1.85 and later
Mobile App	UniFi iOS™: Version 10.32.1 and later Android™: Version 10.35.1 and later



## Product Gallery



\*48V DC, 0.32A GbE PoE adapter included.



PACKAGE CONTENTS  
**U7-Mesh**

What's in the Box?



1x U7-Mesh  
 1x PoE adapter

1x Wall Mounting Kit  
 1x AC Cable

