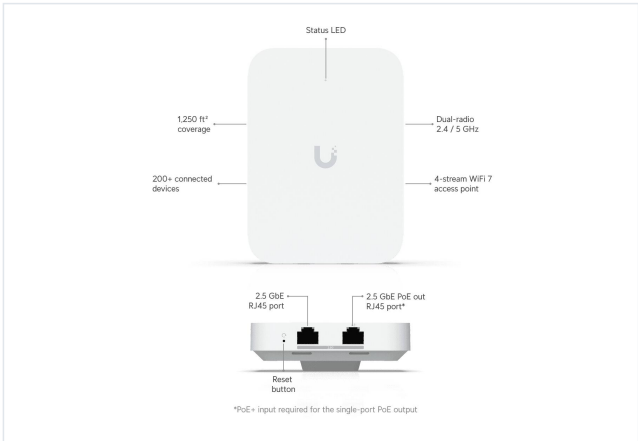
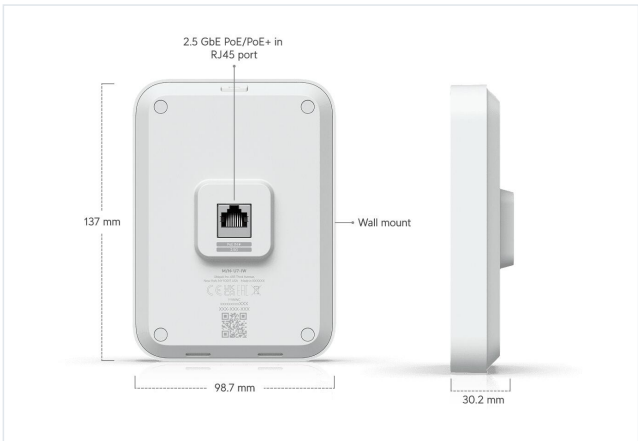


U7-IW

Ubiquiti UniFi WiFi 7 In Wall Access Point

Product Overview

Ubiquiti UniFi WiFi 7 In Wall Access Point, U7-IW, 4 spatial streams, 115 M2 coverage area, 200+ Maximum Client count, PoE Power Method, 4.3 Gbps @ 5GHz, 688 Mbps @ 2.4GHz, 3x 2.5 GbE RJ45 Ports Networking Interface, 1x PoE+ Input, 1x PoE Output, Aluminum Alloy Mount material



Specifications

Overview Summary:

Upgrade your wireless network with the Ubiquiti UniFi U7-IW In-Wall WiFi 7 Access Point, the ideal solution for delivering next-generation internet in hotels, apartments, and offices across South Africa. With support for over 200 devices and high-speed performance of up to 4.3 Gbps, this compact device installs neatly into any wall for minimal clutter and maximum efficiency. Equipped with three 2.5 GbE ports and PoE+ capability, it combines wireless access with reliable wired connectivity.

Buy now to enjoy a seamless online experience in any room, whether you're streaming, video conferencing, or managing guest networks. Perfect for high-density environments, this access point ensures consistent, secure, and scalable performance.

Performance tier:Enterprise-grade

Uses:Hotel WiFi, apartment networking, office connectivity, guest internet access, smart device integration

Overview:

Ubiquiti UniFi U7 In-Wall WiFi 7 Access Point - High-Speed Connectivity in a Compact Design

Next-Generation WiFi 7 for Wall-Mounted Installations

The Ubiquiti UniFi U7 In-Wall (U7-IW) brings cutting-edge WiFi 7 performance to hospitality, multi-unit residential, and office environments. Designed for clean in-wall installation, this access point delivers powerful wireless and wired connectivity in a sleek, compact form.

Features:

Product Highlights

- Supports WiFi 7 technology with 4 spatial streams for improved speed and efficiency
- Covers up to 115 square meters, ideal for room-by-room deployment in hotels, dorms, or apartments
- Handles 200+ simultaneous client connections, perfect for high-density usage scenarios
- Reaches up to 4.3 Gbps throughput on the 5 GHz band for high-bandwidth tasks
- Delivers up to 688 Mbps on the 2.4 GHz band for broad device compatibility
- Equipped with three 2.5 GbE RJ45 ports for high-speed wired connections to local devices
- Includes one PoE+ input port for simplified power and data delivery through a single cable
- Provides one PoE output port to power an additional device, such as an IP phone or camera
- Built using a durable aluminum alloy mounting base, designed for professional-grade installations
- Combines wireless access with a mini-switch, reducing the need for extra network hardware

Designed for Hospitality and Enterprise Environments

Built with flexibility and scalability in mind, the UniFi U7-IW is optimized for modern networking demands in compact spaces. Whether you're upgrading a hotel network or outfitting a multi-unit office, this access point simplifies installation without sacrificing performance.

Specifications:

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Product Specification Sheet

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Specifications

Product Code	U7-IW
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Overview

Dimensions	137 x 98.7 x 30.2 mm (5.4 x 3.9 x 1.2")
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WiFi Standard	WiFi 7
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Spatial Streams	4
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Coverage Area	115 m ² (1,250 ft ²)
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Max. Client Count	200+
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Uplink	2.5 GbE
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Mounting	Wall (Metal Wall Mount Included)
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Power Method	PoE PoE+ (Required for PoE output)
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MIMO

5 GHz	2 x 2 (DL/UL MU-MIMO)
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2.4 GHz	2 x 2 (DL/UL MU-MIMO)
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Max. Data Rate

5 GHz	4.3 Gbps (BW240)
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2.4 GHz	688 Mbps (BW40)
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Antenna Gain

5 GHz	8 dBi
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2.4 GHz	4 dBi
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Max. TX Power

5 GHz	24 dBm
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2.4 GHz	23 dBm
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Max. BSSIDs	8 per Radio
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Supported Data Rates

802.11be (WiFi 7)	7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240)
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802.11ax (WiFi 6)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
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802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
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802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
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Features

Wireless Meshing	Yes
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Product Specification Sheet

Band Steering	Yes
802.11v BSS Transition Management	Yes
802.11r Fast Roaming	Yes
802.11k Radio Resource Management (RRM)	Yes
Advanced Radio Management	Yes
Passpoint (Hotspot 2.0)	Yes
Captive Hotspot Portal	
Custom Branding Landing Page	Yes
Voucher Authentication	Yes
Payment-Based Authentication	Yes
External Portal Server Support	Yes
Password Authentication	Yes
Guest Network Isolation	Yes
Private Pre-Shared Key (PPSK)	Yes
WiFi Speed Limiting	Yes
Client Device Isolation	Yes
WiFi Schedules	Yes
RADIUS over TLS (RadSec)	Yes
Dynamic RADIUS-assigned VLAN	Yes
Hardware	
Max. Power Consumption	13W (Excluding PoE output)
Supported Voltage Range	42.5-57V DC
Networking Interface	(3) 2.5 GbE RJ45 ports
Weight	400 g (14.1 oz)
Management	Ethernet
Built-In Switch	(1) PoE+ input and
	(1) PoE output
Enclosure Material	Polycarbonate, aluminum alloy
Mount Material	Aluminum alloy
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
NDAA Compliant	Yes
Ambient Operating Temperature	-30 to 40degrees C (-22 to 104degrees F)

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Product Specification Sheet

Ambient Operating Humidity	5 to 95% noncondensing
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

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/U7-IW-Ubiquiti-UniFi-WiFi-7-In-Wall-Access-Point-Buy-p-326974.php>

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