ComX Computers
Product Specification Sheet

UB-UAP-U7-PRO

Ubiquiti U7-PRO ceiling-mounted WiFi 7 Access Point with 6 spatial streams

Product Overview

Ubiquiti U7-PRO ceiling-mounted WiFi 7 Access Point with 6 spatial streams, 1x 1/2.5 GbE RJ45 Port, PoE+ Power Method, 44-57V DC supported Voltage range, 688 Mbps @ 2.4GHz, 2882 Mbps @ 5GHz, 5765 Mbps @ 6GHz, 300+ concurrent clients











Specifications

Overview:

U7 Pro

Ceiling-mounted WiFi 7 AP with 6 spatial streams and 6 GHz support for interference-free WiFi in demanding, large-scale environments.

- WiFi 7 with 6 GHz support
- 6 spatial streams
- 140 m² (1,500 ft²) coverage
- 300+ connected devices
- Powered using PoE+
- 2.5 GbE uplink

Specifications:

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Specifications	
Product Code	UB-UAP-U7-PRO
Mechanical	
Dimensions	Ø206 x 46 mm (Ø8.1 x 1.8")
Weight	680 g (1.5 lb)
Enclosure material	Polycarbonate, metal
Mount material	Stainless steel (SUS304), galvanized steel (SGCC)
Hardware	
Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE switch
Supported voltage range	44-57V DC
Max. power consumption	21W
Max. TX power	
2.4 GHz	22 dBm
5 GHz	26 dBm
6 GHz	23 dBm
MIMO	
2.4 GHz	2 x 2
5 GHz	2 x 2
6 GHz	2 x 2
Throughput rate	

2.4 GHz	688 Mbps
5 GHz	2882 Mbps
6 GHz	5765 Mbps
Antenna gain	
2.4 GHz	4 dBi
5 GHz	6 dBi
6 GHz	5.8 dBi
LEDs	White/blue
Button	Factory reset
Mounting	Wall/ceiling (Included)
Operating temperature	-30 to 60 degrees C (-22 to 140 degrees F)
Operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC
Software	
WiFi standards	802.11a/b/g/n/ac/ax/be
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	300+
Supported Data Rates	
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
802.11ax (WiFi 6/6E)	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)
802.11be (WiFi 7)	7.3 Mbps to 5.7 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240/320)
Application Requirements	
UniFi Network	Version 8.0.26 and later
UniFi OS	Version 3.2 and later

Product Information Online

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

Product page:
https://www.comx.co.za/UB-UAP-U7-PRO-Ubiquiti-U7-PRO-ceiling-mounted-WiFi-7-Access-Point-with-6-spatial-p-294744.php

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