



UniFi UISP Branding

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Cloud Gateways



Switching



WiFi



Camera Security



Door Access



Integrations



Advanced Hosting



Accessories

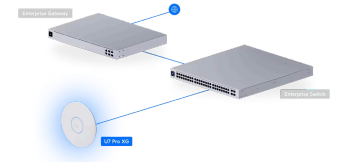
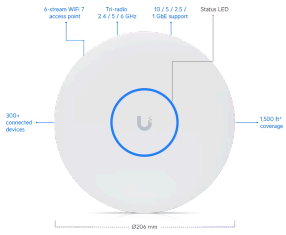
Flagship > U7 Pro XG

Datasheet

In The Box

Marketing Images

Installation Guide



Overview

Dimensions	Ø206 x 32.5 mm (Ø8.1 x 1.3")
WiFi Standard	WiFi 7
Spatial Streams	6
Coverage Area	140 m ² (1,500 ft ²)
Max. Client Count	300+
Uplink	10 GbE
Mounting	Ceiling, Wall (Lite Mount Included)
Power Method	PoE+

Performance

MIMO	
6 GHz	2 x 2 (DL/UL MU-MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
2.4 GHz	2 x 2 (DL/UL MU-MIMO)

Max. Data Rate	
6 GHz	5.8 Gbps (BW320)
5 GHz	4.3 Gbps (BW240)
2.4 GHz	688 Mbps (BW40)

Antenna Gain	
6 GHz	6 dBi
5 GHz	5 dBi
2.4 GHz	4 dBi

Max. TX Power

6 GHz	24 dBm
5 GHz	26 dBm
2.4 GHz	23 dBm

Max. BSSIDs 8 per Radio

Supported Data Rates

802.11be (WiFi 7)	6 GHz: 7.3 Mbps to 5.8 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/320) 5 GHz: 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2/3/4, 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)

^ 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 22W

Supported Voltage Range 42.5—57V DC

Networking Interface (1) 10 GbE RJ45 port

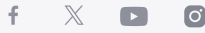
Weight 750 g (1.7 lb)

Management Ethernet

Enclosure Material UV-stabilized polycarbonate, aluminum alloy

Mount Material	Stainless steel (SUS304), galvanized steel (SGCC)
LEDs	
└ System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160/240/320 (MHz)
Certifications	CE, FCC, IC
Ambient Operating Temperature	-30 to 40° C (-22 to 104° F)
Ambient Operating Humidity	5 to 95% noncondensing

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