

Access-Point UniFi U7-Pro-Outdoor

Overview

Dimensions: Without mount: 170 x 208 x 66.5 mm (6.7 x 8.2 x 2.6")
With mount: 170 x 208 x 121.8 mm (6.7 x 8.2 x 4.8")

WiFi Standard: WiFi 7

Spatial Streams: 6

Coverage Area: 465 m² (5,000 ft²)

Max. Client Count: 300+

Uplink: 2.5 GbE

Mounting: Wall, Pole (Mounts Included)

Weatherproofing: IPX6 / IP67 (With cable-gland door kit)

Power Method: PoE+

Performance

MIMO: 5 GHz: 4x4 (DL/UL MU-MIMO)
2.4 GHz: 2x2 (DL/UL MU-MIMO)

Max. Data Rate: 5 GHz: 8.6 Gbps (BW240)
2.4 GHz: 688 Mbps (BW40)

Antenna Gain: 5 GHz: 11 dBi directional, 8 dBi omni
2.4 GHz: 8 dBi directional, 6 dBi omni

Max. TX Power: 5 GHz: 29 dBm
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
- 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: 21W

Supported Voltage Range: 42.5—57V DC

Networking Interface: (1) 1/2.5 GbE RJ45 port

Weight: Device: 1.2 kg / With mount: 1.33 kg

Wind Loading: 74.6 N at 200 km/h

Pole Mount Diameter: 1–2.5" (25–63.5 mm)

Enclosure Material: UV-stabilized polycarbonate, aluminum alloy

Mount Material: UV-stabilized polycarbonate

LEDs: System: Power (White/Blue), Mesh signal (Blue)

NDAA Compliant: Yes

Certifications: CE

Ambient Operating Temperature: -30 to 60° C

Ambient Operating Humidity: 5 to 95% noncondensing

Software

Application Requirements: UniFi Network Version 9.0.114 and later

Mobile App: iOS version 10.20.2 and later, Android version 10.21.7 and later