UBIQUITI

U7-Outdoor

Kod: 00-00005620 · Access Pointlər



UniFi U7 Outdoor yüksək performanslı Wi-Fi 7 açıq access point-dir. 4 axınlı MIMO texnologiyası, 2.5 GbE uplink portu, PoE+ qidalanması, IPX6 hava qoruması, direksional super-antenna və həm daxili, həm xarici anten opsiyaları ilə açıq məkanlarda geniş və etibarlı şəbəkə təmin edir.

Texniki göstəricilər

WiFi7 WIFI	**Mesh** Mesh
PoE PoE	**2.4Ghz/5Ghz/6Ghz** Tezlik
Dual band Genişlik	**250+** Qoşulma sayı

Ətraflı məlumat

Category	Specification
Dimensions	170 × 208 × 54.5 mm (6.7 × 8.2 × 2.1")
Weight	1.2 kg (2.6 lb)
WiFi Standard	WiFi 7 (802.11be)
Spatial Streams	4
Coverage Area	465 m² (5,000 ft²)
Max Client Count	250+
Uplink	2.5 GbE RJ45 port
Mounting	Wall, Pole (mounts included)
Weatherproofing	IPX6
Power Method	PoE+ (42.5–57V DC)
Max Power Consumption	19 W
Enclosure Material	UV-stabilized polycarbonate, aluminum alloy
Mount Material	Polycarbonate, SGCC steel
Wind Loading	74.6 N @ 200 km/h (16.8 lbf @ 125 mph)
Pole Mount Diameter	1–2.36" (25–60 mm)
Category	**Specification**
5 GHz MIMO	2 × 2 DL/UL MU-MIMO
2.4 GHz MIMO	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	Directional internal: 12.5 dBi (45° × 45°) External omni: 4 dBi (360° × 30°)
Antenna Gain 2.4 GHz	Directional internal: 8 dBi (90° × 90°) External omni: 3 dBi (360° × 30°)
Max TX Power 5 GHz	26 dBm

Category	Specification
Max TX Power 2.4 GHz	23 dBm
Max BSSIDs	8 per radio
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160, EHT 20/40/80/160/240 MHz
Supported Data Rates	• WiFi 7: 7.3 Mbps–4.3 Gbps (MCS0–MCS13, NSS1/2) • WiFi 6: 7.3 Mbps–2.4 Gbps (MCS0–MCS11) • WiFi 5: 6.5 Mbps–1.7 Gbps (MCS0–MCS9) • WiFi 4: 6.5 Mbps–300 Mbps (MCS0–MCS15)
Category	**Specification**
Wireless Meshing	✓
Band Steering	✓
802.11v BSS Transition	✓
802.11r Fast Roaming	✓
802.11k RRM	✓
Advanced Radio Management	✓
Passpoint (Hotspot 2.0)	✓
Captive Hotspot / Custom 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 VLAN	✓

Category	Specification
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Internal Antennas	1 directional
External Antennas	2 omni, RP-SMA connectors
Antenna Beamwidth 5 GHz	45°
Antenna Beamwidth 2.4 GHz	90°
Category	**Specification**
Ethernet Management	✓
LEDs	1 Power (White/Blue), 1 System (White/Blue), 4 Mesh Signal (Blue)
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 08999-24-08356
Operating Frequency (US/CA)	2400–2472 MHz; 5150–5250 MHz (U-NII-1); 5250–5350 MHz (U-NII-2A); 5470–5725 MHz (U-NII-2C); 5725–5850 MHz (U-NII-3)
Worldwide Frequency	2400–2483.5 MHz; 5150–5725 MHz
Ambient Operating Temperature	-30 to 60°C (-22 to 140°F)
Ambient Operating Humidity	5–95% non-condensing
Application Requirements	UniFi Network v8.2.93+

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