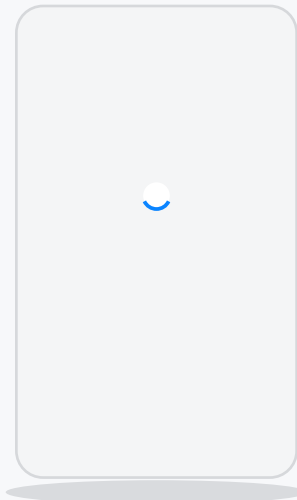


UniFi Swiss Army Knife

UK-Ultra | WiFi 5 access point

Compact indoor/outdoor WiFi 5 AP

A versatile access point with IPX6 weatherproofing, PoE power, flexible mounting, integrated and RP-SMA antenna options, and support for 200+ clients.



115 m2 Coverage	200+ Max. clients	GbE Uplink	IPX6 Weatherproofing
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Overview

Dimensions	137 x 84 x 34 mm (5.4 x 3.3 x 1.3 in)
WiFi standard	WiFi 5
Spatial streams	4
Coverage area	115 m2 (1,250 ft2)
Max. client count	200+
Uplink	GbE
Mounting	Ceiling, wall, pole, table (with accessory); mounts included; optional desktop stand
Weatherproofing	IPX6
Power method	PoE

Wireless performance

MIMO - 5 GHz	2 x 2 (DL MU-MIMO)
MIMO - 2.4 GHz	2 x 2 (DL MU-MIMO)
Max. data rate - 5 GHz	866.7 Mbps (BW80)
Max. data rate - 2.4 GHz	300 Mbps (BW40)
Antenna gain - 5 GHz	6.1 dBi
Antenna gain - 2.4 GHz	4.7 dBi
Max. TX power - 5 GHz	20 dBm
Max. TX power - 2.4 GHz	20 dBm
Max. BSSIDs	8 per radio
802.11ac data rates	6.5 Mbps to 866.7 Mbps (MCS0-MCS9 NSS1/2, VHT 20/40/80)
802.11n data rates	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT 20/40)

Network 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)	✓ 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 & environmental

Max. power consumption	8W
Supported voltage range	44-57V DC
Networking interface	(1) GbE RJ45 port
Weight	173 g (6.1 oz)
Wind loading	33.2 N at 200 km/h (7.5 lbf at 125 mph)
Pole mount diameter	1-2 in (25-50 mm)
Antennas	(1) internal antenna; (2) RP-SMA connectors
Management	Ethernet
Enclosure material	UV-stabilized polycarbonate
Mount material	Polycarbonate, SGCC steel, plastic
LEDs	(1) Power: White/Blue; (4) Mesh Signal: Blue
Channel bandwidth	HT 20/40, VHT 20/40/80
Operating frequency	US/CA: 2400-2472 MHz; U-NII-1: 5150-5250 MHz; U-NII-2A: 5250-5350 MHz; U-NII-2C: 5470-5725 MHz; U-NII-3: 5725-5850 MHz. Worldwide: 2400-2483.5 MHz; 5150-5850 MHz
Ambient operating temperature	-40 to 60 C (-40 to 140 F)
Ambient operating humidity	5 to 95% noncondensing
NDAA compliant	Yes
Certifications	CE, FCC, IC, Anatel: 06237-24-08356
UniFi Network requirement	Version 7.5.187 and later

Source & document note

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