



UniFi® AC

802.11AC Dual-Radio Access Points

Models: UAP-AC-IW, UAP-AC-IW-PRO, UAP-AC-LITE, UAP-AC-LR, UAP-AC-PRO, UAP-AC-EDU

Unlimited Indoor/Outdoor AP Scalability in a Unified Management System

Breakthrough Speeds up to 1300 Mbps in the 5 GHz Band

Intuitive UniFi Controller Software



Models

Hardware Overview

Easy Mounting Sleek design for seamless integration into any environment (all accessories included).

LED Unique provisioning and status LED provides administrator location tracking and alerts for each device.

Designed for the Great Outdoors The UniFi AC Pro features weatherproof casing designed specifically for outdoor applications.

Advanced Acoustic Speaker The UniFi AC EDU AP provides high-quality sound with accurate voice reproduction for announcements over Wi-Fi.

Power over Ethernet (PoE) Includes PoE functionality. Each single-pack, except for the UniFi AC In-Wall AP and In-Wall Pro AP, includes a PoE adapter.


PoE Switching

UniFi Switch with PoE You can power your UniFi devices with a UniFi PoE Switch (sold separately). Available in 8, 16, 24, and 48-port versions with multiple power output options, the UniFi PoE Switch conveniently offers auto-sensing IEEE 802.3af PoE/802.3at PoE+.



PoE Standards The UniFi AC EDU, In-Wall, In-Wall Pro, and Pro APs are compatible with an 802.3at PoE+ compliant switch. The UniFi AC Pro AP can also use 802.3af PoE.

Model Comparison Chart



	UAP-AC-IW	UAP-AC-IW-PRO	UAP-AC-LITE	UAP-AC-LR	UAP-AC-PRO	UAP-AC-EDU
Environment	Indoor	Indoor	Indoor	Indoor	Indoor/Outdoor	Indoor
Simultaneous Dual-Band	✓	✓	✓	✓	✓	✓
2.4 GHz Radio Rate	300 Mbps	450 Mbps	300 Mbps	450 Mbps	450 Mbps	450 Mbps
2.4 GHz MIMO	2x2	3x3	2x2	3x3	3x3	3x3
5 GHz Radio Rate	867 Mbps	1300 Mbps	867 Mbps	867 Mbps	1300 Mbps	1300 Mbps
5 GHz MIMO	2x2	3x3	2x2	2x2	3x3	3x3
Secondary Ethernet Port	✓ (2 Additional Ports)	✓ (2 Additional Ports)			✓	✓
Loudspeaker						✓
PoE Mode	802.3at PoE+	802.3at PoE+	24V Passive PoE	24V Passive PoE	802.3af PoE 802.3at PoE+	802.3at PoE+
Ceiling Mount			✓	✓	✓	✓
Wall Mount	✓	✓	✓	✓	✓	✓
Wireless Uplink	✓	✓	✓	✓	✓	✓
DFS Certification	✓	✓	✓	✓	✓	✓



UAP-AC-IW

The UniFi AC In-Wall AP transforms an Ethernet wall connection into a dual-band 802.11AC Wi-Fi Access Point. It features two Gigabit Ethernet ports, one of which delivers PoE to power and connects an 802.3af device to the network. The UniFi AC In-Wall AP provides simultaneous, dual-band, 2x2 MIMO technology and is available in single- and five-packs¹.



UAP-AC-IW-PRO

The UniFi AC In-Wall Pro AP transforms an Ethernet wall connection into a simultaneous, dual-band 802.11AC Wi-Fi Access Point with 3x3 MIMO technology and 50% higher radio rates than the UAP-AC-IW. The UniFi AC In-Wall Pro features two Gigabit Ethernet ports, one of which delivers PoE to power and connects an 802.3af device to the network. It is available in single- and five-packs¹.



UAP-AC-LITE

Featuring an ultra-compact design, the UniFi AC Lite AP delivers a cost-effective combination of value and performance in a reduced footprint: 25% smaller than the standard UniFi AP. The UniFi AC Lite AP provides simultaneous, dual-band, 2x2 MIMO technology and is available in single- and five-packs².



UAP-AC-LR

Ideal for long-range deployments, the UniFi AC LR AP offers simultaneous, dual-band operation with 3x3 MIMO in the 2.4 GHz band and 2x2 MIMO in the 5 GHz band. The innovative antenna design provides a long-range, symmetrical-link coverage area, and the antenna gain of the UniFi AC LR AP performs better than one-way, high transmit power does for connecting distant clients. It is available in single- and five-packs².



UAP-AC-PRO

Deploy the UniFi AC Pro AP indoors or outdoors, in wireless networks requiring maximum performance. Sporting a weatherproof design, the UniFi AC Pro AP features simultaneous, dual-band, 3x3 MIMO technology and convenient 802.3af PoE/802.3at PoE+ compatibility. It is available in single- and five-packs².



UAP-AC-EDU

The UniFi AC EDU AP conveniently integrates Wi-Fi and public address capabilities, making it ideal for campus-wide deployment. The UniFi AC EDU AP features simultaneous, dual-band, 3x3 MIMO technology and convenient 802.3at PoE+ compatibility. It is available in single- and four-packs².

¹ We recommend powering the UniFi AC In-Wall and In-Wall Pro APs with the UniFi PoE Switch, as PoE adapters are not included.

² Four- and five-packs do not ship with PoE adapters; we recommend powering the UniFi APs with the UniFi PoE Switch instead.

UAP-AC-EDU Specifications

UAP-AC-EDU	
Dimensions	287.5 x 287.5 x 125.9 mm (11.32 x 11.32 x 4.96")
Weight	1.820 kg (4.012 lb)
Networking Interface	Dual-Band Wi-Fi / Gigabit Ethernet
Ports	(2) 10/100/1000 Ethernet Ports (1) USB 2.0 Port
Buttons	Reset
Power Method	Passive Power over Ethernet (48V), 802.3at Supported (Supported Voltage Range: 44 to 57VDC)
Power Supply	48V, 0.5A PoE Gigabit Adapter*
Power Save	Supported
Maximum Power Consumption	20W
Maximum TX Power	
2.4 GHz	22 dBm
5 GHz	22 dBm
Antennas	(3) Dual-Band Antennas, 2.4 GHz: 3 dBi, 5 GHz: 3 dBi
Wi-Fi Standards	802.11 a/b/g/n/ac
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
BSSID	Up to 8 per Radio
Mounting	Wall/Ceiling (Kits Included)
Operating Temperature	-10 to 70° C (14 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

* Only the single-pack of the UAP-AC-EDU includes a PoE adapter.

Advanced Traffic Management	
VLAN	802.1Q
Advanced QoS	Per-User Rate Limiting
Guest Traffic Isolation	Supported
WMM	Voice, Video, Best Effort, and Background
Concurrent Clients	250+

Supported Data Rates (Mbps)	
Standard	Data Rates
802.11ac	6.5 Mbps to 1300 Mbps (MCS0 - MCS9 NSS1/2/3, VHT 20/40/80)
802.11n	6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps

Loudspeaker Acoustics	
Sensitivity	94 dB (1W/1 m)
Maximum SPL	103 dB @ 1 m
Frequency Response	100 - 20,000 Hz
Type	Two-Way Speaker with Second-Order HP Filter