

Item no.: UAP-AC-HD-5\_EU

## UAP-AC-HD-5 - 802.11ac Wave 2 Wi-Fi AP, 5-pack

from **1.453,25 EUR**

Item no.: UAP-AC-HD-5\_EU

shipping weight: 7.00 kg

Manufacturer: Ubiquiti



### Product Description

Ubiquiti UAP-AC-HD-5 - 802.11ac Wave 2 Wi-Fi AP, 5-pack

- PLEASE NOTE: THIS IS A 5-PACK -

- Simultaneous dual-band 4x4 multi-user MIMO
- Four-stream 802.11ac Wave 2 technology
- 802.3at PoE+ compatibility

#### Scalable Enterprise Wi-Fi Management

UniFi(R) is the revolutionary Wi-Fi system that combines enterprise performance, unlimited scalability, and a central management controller. The UniFi AC HD AP has a refined industrial design and can be easily installed using the included mounting hardware.

Easily accessible through any standard web browser, the UniFi Controller software is a powerful software engine ideal for high-density client deployments requiring low latency and high uptime performance.

Use the UniFi Controller software to quickly configure and administer an enterprise Wi-Fi network – no special training required. RF map and performance features, real-time status, automatic UAP device detection, and advanced security options are all seamlessly integrated.

The initial 802.11ac Wave 1 SU-MIMO (Single-User, Multiple Input, Multiple Output) technology allows an earlier generation AP to communicate with only one client at a time.

The 802.11ac Wave 2 MU-MIMO (Multi-User, Multiple Input, Multiple Output) technology allows a Wave 2 AP to communicate with multiple clients at the same time – significantly increasing multi-user throughput and overall user experience.

Assuming the same conditions, a Wave 2 AP provides up to 75% improvement\* overall over a Wave 1 AP. This improvement increases wireless performance and/or serves more clients at the same performance level. [Aggregate Multi-User TCP Throughput](#) [4x4 Spatial Streams](#)

At any single time, a Wave 2 AP can communicate with the following MU-MIMO clients:

- Four 1x1 clients
- Two 2x2 clients
- One 2x2 client and two 1x1 clients
- One 3x3 client and one 1x1 client

A 4x4 Wave 2 AP delivers up to 33% greater performance\* than a Wave 1 AP that is 3x3 in both radio bands. [Real-World Performance](#)

The UniFi AC HD AP is the first UniFi 802.11ac Wave 2 AP. Combining the performance increases from MU-MIMO technology and the use of 4x4 spatial streams, the UniFi AC HD AP delivers up to 225% greater performance\* than a typical Wave 1 AP. [Client Compatibility](#)

For optimal performance, use MU-MIMO clients. SU-MIMO clients will also benefit and gain up to 1020% greater performance when used with the UniFi AC HD AP.

\* Actual performance values may vary depending on environmental and installation conditions. [Hardware Overview](#)

Deploy the UniFi AC HD AP in high-density environments requiring maximum wireless performance. The UniFi AC HD AP features simultaneous, dual-band, 4x4 MU-MIMO technology and convenient 802.3at PoE+ compatibility. Available in single- and five-packs. [Easy Mounting](#)

Its sleek design seamlessly integrates into any environment (all accessories included) and is compatible with existing UAP-AC-PRO mounts. [LED](#)

Unique LED provisioning ring provides administrator location tracking and alerts for each device. [Dual Gigabit Ethernet](#)

The UniFi AC HD AP supports Ethernet aggregation of its Ethernet ports. [Superior Processing Power](#)

The UniFi AC HD AP is capable of complex operations (guest control, filtering, and other resource-intensive tasks) that may slow down a lesser-equipped AP. [Power over Ethernet \(PoE\)](#)

Includes PoE functionality. Each single-pack includes a PoE adapter. [PoE Standard](#)

The UniFi AC HD AP is compatible with an 802.3at PoE+ compliant switch. We recommend powering your UniFi devices with a UniFi PoE Switch (sold separately). [UniFi PoE Switch](#)

Available in 8, 16, 24, and 48-port versions with multiple power output options, the UniFi PoE Switch conveniently offers autosensing IEEE 802.3af PoE/802.3at PoE+ and configurable 24 V passive PoE.

Five-packs do not ship with PoE adapters; we recommend powering the UniFi APs with the UniFi PoE Switch instead.

- Dimensions: 220 x 220 x 48.1 mm (8.66 x 8.66 x 1.89")
- Weight: 700 g (1.54 lb)
  - With mounting kits: 830 g (1.83 lb)
- Networking Interfaces: (2) 10/100/1000 Ethernet ports (can be aggregated)
- Port: (1) USB 3C port
- Buttons: Reset
- Power method: Passive Power over Ethernet (48 V), 802.3at supported (supported voltage range: 44 to 57 V DC)
- Power supply: 48 V, 0.5 A PoE Gigabit adapter\*
- Power save: Supported
- Maximum power consumption: 17 W
- TX Power:
  - 2.4 GHz: 6-25 dBm
  - 5 GHz: 6-25 dBm
- Antennas:
  - 2.4 GHz: (2) antennas, 3 dBi each
  - 5 GHz: (2) antennas, 4 dBi each
- Wi-Fi standards: 802.11 a/b/g/n/ac/ac-wave2
- Wireless security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
- BSSID: Up to four per radio
- Mounting: Wall/ceiling (kits included)
- Operating temperature: -10°C to 70°C (14°F to 158°F)
- Operating humidity: 5 to 95% non-condensing
- Certifications: CE, FCC, IC

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

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## Specifications

**Scan this QR code to  
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All details, up-to-date  
prices and availability

