

High-Density Applications Powered by MU-MIMO Technology

Introducing the New UniFi AC HD AP

The UniFi[®] AC HD Access Point is ideal for high-density environments requiring maximum wireless performance. The UniFi AC HD AP features simultaneous, dual-band, 4x4 MU-MIMO (Multi-User, Multiple Input, Multiple Output) technology and convenient 802.3at PoE+ compatibility. It is available in single- and five-packs.

- Simultaneous Dual-Band 4x4 Multi-User MIMO
- Four-Stream 802.11ac Wave 2 Technology
- 5 GHz Radio Rate of up to 1.7+ Gbps
- 2.4 GHz Radio Rate of up to 800 Mbps
- 940 Mbps Maximum Single-User Throughput
- 802.3at PoE+ Compatible
- (2) Gigabit Ethernet Ports



Scalable Enterprise Wi-Fi Management

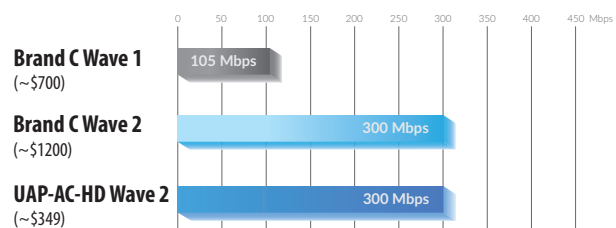
UniFi is the revolutionary Wi-Fi system that combines enterprise performance, unlimited scalability, and a central management controller. Easily accessible through any standard web browser, the UniFi Controller is a powerful software engine ideal for high-density client deployments requiring low latency and high uptime performance.



802.11ac Technology

While 802.11ac Wave 1 SU-MIMO (Single-User, Multiple Input, Multiple Output) technology allows an AP to communicate with only one client at a time, 802.11ac Wave 2 MU-MIMO technology allows the UniFi AC HD AP to communicate with multiple clients at the same time – significantly increasing multi-user throughput and overall user experience.

100-Client Aggregate Throughput



Features

Save money and save time Deploy the UniFi software controller on an on-site PC, Mac, or Linux machine; in a private cloud; or using a public cloud service. Or, deploy the compact UniFi Cloud Key with built-in software.

Powerful Hardware The UniFi AC HD AP features the latest in Wi-Fi 802.11ac Wave 2 MU-MIMO technology.

Intuitive UniFi Controller Software Configure and manage your APs with the easy-to-learn user interface.

Expandable Unlimited scalability: build wireless networks as big or small as needed. Start with one (or upgrade to a five-pack) and expand to thousands while maintaining a single unified management system.

Specifications	
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 Interface	(2) 10/100/1000 Ethernet Ports
Buttons	Reset
Power Method	PoE+ 802.3at
Supported Voltage Range	44 to 57VDC
Power Supply	UniFi Switch (PoE)
Power Save	Supported
Maximum Power Consumption	17W
TX Power	
2.4 GHz	6-25 dBm
5 GHz	6-25 dBm
Antennas	
2.4 GHz	(2) Dual-Port, Dual-Polarity Antennas, 6 dBi each
5 GHz	(2) Dual-Port, Dual-Polarity Antennas, 6 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) 802.11w (PMF)
BSSID	Up to Four 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

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	500+

Supported Data Rates (Mbps)	
Standard	Data Rates
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)
802.11ac	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps

Visit us at Booth 234 to find out how to improve performance and minimize costs by using UniFi!

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ubnt.com/support/warranty
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