



UniFi[®] HD

802.11ac Wave 2 Enterprise Wi-Fi Access Point

Model: UAP-AC-HD

Simultaneous Dual-Band 4x4 Multi-User MIMO

Four-Stream 802.11ac Wave 2 Technology

802.3at PoE+ Compatibility

UAP-AC-HD Specifications

UAP-AC-HD	
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	802.3at PoE+
Supported Voltage Range	44 to 57VDC
Power Supply	UniFi Switch (PoE)
Power Save	Supported
Beamforming	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, 3 dBi each
5 GHz	(2) Dual-Port, Dual-Polarity Antennas, 4 dBi each
Wi-Fi Standards	802.11 a/b/g/n/r/k/v/ac/ac-wave2
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF
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

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	1000+

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) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps