Hewlett Packard Enterprise

HPE OfficeConnect OC20 802.11ac Access Points

Key features

- Fast, reliable 2x2 802.11ac wireless connectivity designed for small business

- OfficeConnect mobile app for easy and quick set up of employee and guest Wi-Fi network

- Create a network of up to eight access points, manage and monitor from a mobile app, on the go

- Captive portal for secure guest access with Facebook Wi-Fi social media log-in

- Built-in website filtering categories – set guidelines to protect your business from online threats and inappropriate websites

- HPE 3 year warranty with 24X7 phone support for 90 days and chat support for the entire warranty period

Product overview

HPE OfficeConnect OC20 802.11ac Series Access Points (AP) offer small businesses an intuitive and cost-effective wireless solution that is easy to set-up and manage without technical expertise. By using the OfficeConnect iOS or Android mobile application customers can get their Wi-Fi network up and running within minutes and monitor the network remotely, no matter where they might be.

The OC20 APs deliver aggregate speeds up to 1.3 Gbps and reliable connectivity to handle today's business critical voice, video and cloud applications. The OfficeConnect Smart Air software intelligently optimizes wireless coverage and performance, mitigates interference and automatically connects users to the best AP for a great end-user experience. Customers can scale and centrally manage up to eight APs using clustering making ongoing network changes and maintenance a snap.

To support highly secure visitor and guest access the OC20 APs offer a captive portal for guest with multiple authentication options including Facebook Wi-Fi social log-ins and the ability to schedule access based on specific days and times of the day.

The HPE OfficeConnect OC20 wireless APs come with integrated website filtering that provides comprehensive protection against online threats and blocks inappropriate content. They also safeguard sensitive business information using Wi-Fi Protected Access 2 (WPA2) and advanced encryption. The product includes HPE 3 year warranty with 24x7 phone support for 90 days and chat support for the entire warranty period.

Features and benefits

Dual Radio 802.11ac Access Point
• Supports up to 867 Mbps in the 5GHz band (with 2SS/VHT80 clients) and up to 400 Mbps in the 2.4GHz band (with 2SS/VHT40 clients).

Smart Air for RF Management
• Smart Air software automatically assigns channel and power settings, provides airtime fairness (boosts overall network performance by allowing faster clients to move quicker on the network) and ensures that APs stay clear of RF interference to deliver a reliable, high-bandwidth wireless network.

Security
• Website filtering identifies, classifies, and blocks access to applications and web content to provide comprehensive protection against advanced online threats.

• WPA2 with advanced encryption keeps your network traffic secure and protects sensitive business information.

Management
• The OfficeConnect iOS or Android mobile applications allows you to set-up an employee and guest network in a few easy steps.

• New APs added to the network automatically get their configuration from the first AP without manual configuration; Create a network of up to eight APs and manage them from the OfficeConnect mobile application.

• Remotely monitor the network with a quick health dashboard that provides visibility into the status of the access points, their signal strength, connected users and web applications.

Warranty
• 3 year warranty
This series comes with a 3 year warranty providing advance hardware replacement with next business day shipment in most countries, 24x7 phone support available for the first 90 days, and online chat support for the entire warranty period. See **hpe.com/ networking/warrantysummary** for full warranty and support information included with your product purchase.

HPE OfficeConnect OC20 802.11ac Access Point Series

Specifications	HPE OfficeConnect OC20 2x2 Dual Radio 802.11ac (US) Access Point (JZ073A) HPE OfficeConnect OC20 2x2 Dual Radio 802.11ac (RW) Access Point (JZ074A)

I/O ports and slots	• One 10/100/1000BASE-T Ethernet network interface (RJ-45)
	  – Auto-sensing link speed and MDI/MDX
	  – 802.3az Energy Efficient Ethernet (EEE)
	• Visual indicators (multi-color LEDs): for System and Radio status
	• Reset button: factory reset (during device power up)
	• Kensington security slot

Wi-Fi Radio Specifications	• Indoor, dual radio, 5GHz 802.11ac 2x2 MIMO and 2.4GHz 802.11n 2x2 MIMO
	• Connectivity standard IEEE 802.11 a/b/g/n/ac
	• Supported frequency bands (country-specific restrictions apply):
	  – 2.400 to 2.4835GHz
	  – 5.150 to 5.250GHz
	  – 5.250 to 5.350GHz
	  – 5.470 to 5.725GHz
	  – 5.725 to 5.850GHz
	• Available channels: Dependent on configured regulatory domain
	• Short guard interval for 20MHz, 40MHz and 80MHz channels
	• Space-time block coding (STBC) for increased range and improved reception
	• Low-density parity check (LDPC) for high-efficiency error correction and increased throughput
	• Transmit beam-forming (TxBF) for increased signal reliability and range
	• Supported data rates (Mbps):
	  – 802.11b: 1, 2, 5.5, 11
	  – 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54
	  – 802.11n: 6.5 to 300 (MCS0 to MCS15)
	  – 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2 for VHT20/40/80

Wi-Fi Antennas	Two integrated dual-band downtilt omni-directional antennas for 2x2 MIMO with maximum antenna gain of 3.4dBi in 2.4GHz and 6.6dBi in 5GHz.
Physical characteristics Dimensions Weight	 5.9 x 5.9 x 1.6 in (5.9 x 5.9 x 1.6 in) 0.8 lbs (380 g)
Power sources and consumption	The AP supports direct DC power and Power over Ethernet (PoE) • When both power sources are available, DC power takes priority over PoE • Power sources are sold separately • Direct DC source: 12Vdc nominal, +/- 5% • Power over Ethernet (PoE): 48 Vdc (nominal) 802.3af/802.3at compliant source • Maximum (worst-case) power consumption: 12.3W (PoE) or 10.1W (DC) • Maximum (worst-case) power consumption in idle mode: 5.3W (PoE) or 4.4W (DC)
Mounting	• The AP ships with two (black) mounting clips to attach to a 9/16-inch or 15/16-inch flat T-bar drop-tile ceiling. Wall mount (AP-220-MNT-W1W). • Several optional mount kits are available to attach the AP to a variety of surfaces; see the Ordering Information section below for detail
Environment Operating temperature Operating humidity Storage & transportation	 Temperature: 0° C to +50° C (+32° F to +122° F) Humidity: 5% to 95% non-condensing Temperature: -40° C to +70° C (-40° F to +158° F)
Regulatory	FCC/Industry of Canada CE Marked RED Directive 2014/53/EU Low Voltage Directive (2014/35/EU) EN 300 328 EN 301 489 EN 301 893 UL/IEC/EN 60950 EN 60601-1-1, EN60601-1-2

HPE OfficeConnect OC20 802.11ac Access Point Series (continued)

Specifications	HPE OfficeConnect OC20 2x2 Dual Radio 802.11ac (US) Access Point (JZ073A) HPE OfficeConnect OC20 2x2 Dual Radio 802.11ac (RW) Access Point (JZ074A)
Certifications	CB Scheme Safety, cTUVus UL2043 plenum rating Wi-Fi Alliance (WFA) certified 802.11a/b/g/n/ac
Reliability	MTBF: 753,457hrs (86yrs) at +25C operating temperature
Warranty	3 year warranty

Ordering Information

Part number	Description
OfficeConnect OC20 Series Access points	
JZ073A	HPE OfficeConnect OC20 2x2 Dual Radio 802.11ac (US) Access Point
JZ074A	HPE OfficeConnect OC20 2x2 Dual Radio 802.11ac (RW) Access Point
Mounting Accessories	
JW045A	AP-220-MNT-C2 2x Ceiling Grid Rail Adapter for Interlude and Silhouette Mt Kit
JX961A	AP-MNT-CM1 Industrial Grade Indoor Access Point Metal Suspended Ceiling Rail Mount Kit
JW046A	AP-220-MNT-W1 Flat Surface Wall/Ceiling Black AP Basic Flat Surface Mount Kit
JW047A	AP-220-MNT-W1W Flat Surface Wall/Ceiling White AP Basic Flat Surface Mount Kit
JY705A	AP-200-MNT-W3 White Low Profile Box Style Secure Small AP Flat Surface Mount Kit
Power Adaptor	
JX990A	AP-AC-12V30B 12V/30W AC/DC Desktop Style 2.1/5.5/9.5mm Circular 90 Deg Plug DoE Level VI Adapter

Learn more at
hpe.com/OfficeConnect

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