Data sheet

HPE Aruba Networking 500H Series Hospitality Access Points

High performance and cost-effective Wi-Fi 6 (802.11ax) for hospitality, branch, and teleworker deployments

Key features

— Combine wireless and wired access in a single compact form factor

— Ideal for organizations with work from home or teleworker initiatives

— Up to 1.5 Gbps of maximum wireless throughput

— 4 wired network ports and 1 Smart Rate uplink port

— WPA3 and Enhanced Open security

— Built-in technology that resolves sticky client issues for Wi-Fi 6 and Wi-Fi 5 devices

— OFDMA for enhanced multi-user efficiency

— IoT-ready Bluetooth 5 and Zigbee support

— HPE Aruba Networking Fiber Media Converter optional add-on for seamless fiber backhaul

These economical Wi-Fi 6 access points provide high performance connectivity for any organization experiencing growing mobile, cloud and IoT requirements. With a wireless aggregate data rate of up to 1.5 Gbps and gigabit local wired ports, they deliver the range of connectivity options needed for venues such as hotels, residence halls, and remote offices alike.

Incredible efficiency

The HPE Aruba Networking 500H Series APs are designed to optimize user experience by maximizing Wi-Fi efficiency and dramatically reducing airtime contention between clients.

Features include Orthogonal frequency-division multiple access (OFDMA), and cellular optimization. With up to 2 spatial streams (2SS) and 80 MHz channel bandwidth, the 500H Series provides groundbreaking wireless capabilities for budget-conscious deployments.

Advantages of OFDMA

This capability allows HPE Aruba Networking's APs to handle multiple Wi-Fi 6 capable clients on each channel simultaneously, regardless of device or traffic type. Channel utilization is optimized by handling each transaction via smaller sub-carriers or resource units (RUs), which means that clients are sharing a channel and not competing for airtime and bandwidth.

Wi-Fi 6 aware client optimization

HPE Aruba Networking's patented AI-powered ClientMatch technology eliminates sticky client issues by placing Wi-Fi 6 capable devices on the best available AP. Session metrics are used to steer mobile devices to the best AP based on available bandwidth, types of applications being used and traffic type — even as users roam.

Advanced Cellular Coexistence (ACC)

This feature uses built-in filtering to automatically minimize the impact of interference from cellular networks, distributed antenna systems (DAS), and commercial small cell or femtocell equipment.

Intelligent Power Monitoring (IPM)

HPE Aruba Networking APs continuously monitor and report hardware energy consumption. They can also be configured to enable or disable capabilities based on available PoE power–ideal when wired switches have exhausted their power budget (AP-505H).

IoT platform capabilities

Like all HPE Aruba Networking Wi-Fi 6 APs, the 500H Series includes an integrated Bluetooth 5 and 802.15.4 radio (for Zigbee support) to simplify deploying and managing IoT-based location services, asset tracking services, security solutions and IoT sensors. This allows organizations to leverage the 500H Series as an IoT platform, which eliminates the need for an overlay infrastructure and additional IT resources.

Target Wake Time (TWT)

Ideal for IoTs that communicate infrequently, TWT establishes a schedule for when clients need to communicate with an AP. This helps improve client power savings and reduces airtime contention with other clients.

Advanced IoT Coexistence (AIC)

This feature uses built-in filtering to allow Wi-Fi and BLE/Zigbee radios to operate at maximum capacity without the impact of interference.

Secure infrastructure

The HPE Aruba Networking 500H Series includes security components to help protect user authentication and wireless traffic. Select capabilities include:

WPA3 and Enhanced Open

Support for stronger encryption and authentication is provided via the latest version of WPA for enterprise protected networks. Enhanced Open offers seamless new protection for users connecting to open networks where each session is automatically encrypted to protect user passwords and data on guest networks.

WPA2-MPSK

MPSK enables simpler passkey management for WPA2 devices — should the Wi-Fi password on one device or device type change, no additional changes are needed for other devices. This requires ClearPass Policy Manager.

VPN tunnels

In Remote AP (RAP) and IAP-VPN deployments, the HPE Aruba Networking 500H Series can be used to establish a secure SSL/IPSec VPN tunnel to a Gateway or Mobility Controller that is acting as a VPN concentrator.

Trusted Platform Module (TPM)

For enhanced device assurance, all HPE Aruba Networking APs have an installed TPM for secure storage of credentials, keys and boot code.

Simple and secured access

To simplify policy enforcement, the 500H Series uses HPE Aruba Networking's Policy Enforcement Firewall (PEF) to encapsulate all traffic from the AP to the Mobility Controller (or gateway) for end-to-end encryption and inspection. Policies are applied based on user role, device type, applications, and location. This reduces the manual configuration of SSIDs, VLANs and ACLs. PEF also serves as the underlying technology for HPE Aruba Networking Dynamic Segmentation.

High-density connectivity

Each 500H Series AP provides connectivity for a maximum of 256 associated clients per radio (512 in total). In real-world scenarios, the maximum recommended client density is dependent on environmental conditions.

Versatile installation options

The APs can be deployed as a wall-mount or for remote teleworker environments, they can be converted to a desk-mount by using an optional accessory stand.

HPE Aruba Networking also offers a Fiber Media Converter that fits snuggly alongside 500H Series Hospitality APs. It can transparently convert fiber to copper Ethernet, convert DC power to PoE, and extend the reach of the AP.

Flexible operation management

Our unified APs can operate as standalone access points or with a gateway for greater scalability, security, and manageability. APs can be deployed using zero touch provisioning — without on-site technical expertise — for ease of implementation in branch offices and for remote work. HPE Aruba Networking APs can be managed using cloud-based or on-premises solutions for any campus, branch, or remote work environment.

HPE Aruba Networking Central provides a single pane of glass for overseeing every aspect of wired and wireless LANs, WANs, and VPNs. AI-powered analytics, end-to-end orchestration and automation, and advanced security features are built natively into the solution.

Small office/home office for hybrid work

For hybrid environments, HPE Aruba Networking EdgeConnect Microbranch extends the WAN to the small office/home office to deliver a consistent employee experience no matter where users are located. EdgeConnect Microbranch offers a suite of SD-WAN capabilities to optimize performance, security, and manageability via cloud-based HPE Aruba Networking Central and the HPE Aruba Networking AP itself. With EdgeConnect Microbranch, organizations can extend existing remote access point (RAP) capabilities to optimize performance, security, and manageability via cloud-based HPE Aruba Networking Central and the HPE Aruba Networking AP itself. With EdgeConnect Microbranch, organizations can extend existing remote access point (RAP) capabilities to benefit from policy-based routing, tunnel and route orchestration, and SASE integration to cloud security services such as Zscaler.

For large installations across multiple sites, APs can be factory-shipped and can be activated with zero touch provisioning through HPE Aruba Networking Central. This reduces deployment time, centralizes configuration, and helps manage inventory.

500H Remote AP bundles

To simplify the ordering and distribution of HPE Aruba Networking 500H access points, we offer a number of AP bundles that combine an AP variant a desk stand, power adapter, and North American or European power cord. This makes it easier to get remote workers and small branches up and running quickly.

Technical specifications

HPE Aruba Networking 500H Series Hospitality Access Points	
Hardware variants	
AP type	AP-503H: Midrange dual radio Wi-Fi 6 Hospitality AP with 1+2 Ethernet ports AP-505H: High-end dual radio Wi-Fi 6 Hospitality AP with 1+4 Ethernet ports, PSE, USB
Wi-Fi radio and platform specifications	
5 GHz radio	Two spatial stream (SU) MIMO for up to 1.2 Gbps wireless data rate (HE80)
2.4 GHz radio	Two spatial stream (SU) MIMO for up to 287 Mbps wireless data rate (HE20) Note: HE40 operation is supported in 2.4 GHz, but uncommon and not recommended for enterprise deployments
Maximum number of associated client devices	Up to 256 associated client devices per radio
Maximum number of BSSIDs	16 BSSIDs per radio
Supported frequency bands (country-specific restrictions apply)	2.400 to 2.4835 GHz ISM 5.150 to 5.250 GHz U-NII-1 5.250 to 5.350 GHz U-NII-2A 5.470 to 5.725 GHz U-NII-2C 5.725 to 5.850 GHz U-NII-3/ISM 5.850 to 5.895 GHz U-NII-4
Dynamic frequency selection (DFS) optimizes the use of available RF spectrum	
Supported radio technologies	802.11b: Direct-sequence spread-spectrum (DSSS) 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM) 802.11ax: Orthogonal frequency-division multiple access (OFDMA) with up to 8 resource units
Supported modulation types	802.11b: BPSK, QPSK, CCK 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM (proprietary extension) 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM (proprietary extension) 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
802.11n high-throughput (HT) support	HT20/40
802.11ac very high throughput (VHT) support	VHT20/40/80
802.11ax high efficiency (HE) support	HE20/40/80
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, HT20 to HT40), 400 with 256-QAM 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2, VHT20 to VHT80), 1,083 with 1024-QAM 802.11ax (2.4 GHz): 3.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40) 802.11ax (5 GHz): 3.6 to 1,201 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE80)
802.11n/ac/ax packet aggregation	A-MPDU, A-MSDU

Technical specifications (continued)

HPE Aruba Networking 500H Series Hospitality Access Points	
Transmit power	Configurable in increments of 0.5 dBm
Maximum (aggregate, conducted total) transmit power (limited by local regulatory requirements)	2.4 GHz band: +20 dBm (17 dBm per chain) 5 GHz band: +21 dBm (18 dBm per chain) Note: conducted transmit power levels exclude antenna gain. For total (EIRP) transmit power, add antenna gain
Minimum configurable transmit power level	0 dBm (conducted, per chain)
VPN IPSec throughput performance	100 Mbps (AP-503H) and 500 Mbps or better (AP-505H)

- Advanced Cellular Coexistence (ACC) minimizes the impact of interference from cellular networks
- Advanced IoT Coexistence (AIC) allows concurrent operation of multiple radios in the 2.4 GHz band (AP-505H)
- Maximum ratio combining (MRC) for improved receiver performance
- Cyclic delay/shift diversity (CDD/CSD) for improved downlink RF performance
- 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
- 802.11ax Target Wait Time (TWT) to support low-power client devices
- 802.11mc Fine Timing Measurement (FTM) for precision distance ranging

Wi-Fi antennas	
AP-503H: — Two integrated semi-directional antennas for 2x2 MIMO with peak single antenna gain of 2.5 dBi in 2.4 GHz and 5.6 dBi in 5 GHz. Built-in antennas are optimized for vertical wall or desk mounted orientation of the AP. • Combining the patterns of each of the antennas of the MIMO radios, the peak gain of the combined, average pattern is 1.7 dBi in 2.4 GHz and 5.0 dBi in 5 GHz.	AP-505H: — Two integrated semi-directional antennas for 2x2 MIMO with peak single antenna gain of 5.2 dBi in 2.4 GHz and 5.4 dBi in 5 GHz. Built-in antennas are optimized for vertical wall or desk mounted orientation of the AP. • Combining the patterns of each of the antennas of the MIMO radios, the peak gain of the combined, average pattern is 3.3 dBi in 2.4 GHz and 2.9 dBi in 5 GHz

Other interfaces

Uplink (E0)

AP-503H: Ethernet wired network port (RJ45)

- Auto-sensing link speed (10/100/1000BASE-T) and MDI/MDIX
- 802.3az Energy Efficient Ethernet (EEE)
- PoE-PD: 802.3af PoE (class 3)

AP-505H: Smart Rate Ethernet wired network port (RJ45)

- Auto-sensing link speed (100/1000/2500BASE-T) and MDI/MDIX
- 2.5 Gbps speed complies with NBase-T and 802.3bz specifications
- 802.3az Energy Efficient Ethernet (EEE)
- PoE-PD: 48Vdc (nominal) 802.3af/at/bt PoE (class 3, 4 or 6)

Local

AP-503H (E1-E2): Two Ethernet wired network ports (RJ45)

- Auto-sensing link speed (10/100/1000BASE-T) and MDI/MDIX
- 802.3az Energy Efficient Ethernet (EEE)

AP-505H (E1-E4): Four Ethernet wired network ports (RJ45)

- Auto-sensing link speed (10/100/1000BASE-T) and MDI/MDIX
- 802.3az Energy Efficient Ethernet (EEE)
- E1 & E2: PoE-PSE: 802.3af/at PoE output; dual 802.3af (both ports) or single 802.3at (E1 only)

DC power interface

AP-503H: 12Vdc (nominal, +/– 5%), accepts 2.1mm/5.5mm center-positive circular plug with 9.5mm length

AP-505H: 48Vdc (nominal, +/– 5%), accepts 1.35mm/3.5mm center-positive circular plug with 9.5mm length

USB 2.0 host interface (Type A connector)

AP-505H:

- Cellular modems
- IOT or other plug-in accessories
- Device battery charging port
- Capable of sourcing up to 1A / 5W to an attached device

Bluetooth Low Energy (BLE5.0) and Zigbee (802.15.4) radio

- BLE: up to 7 dBm transmit power (class 1) and –100 dBm receive sensitivity (125 kbps)
- Zigbee: up to 7 dBm transmit power and -97 dBm receive sensitivity (250 kbps)
- Integrated semi-directional antenna with peak gain of 2.5 dBi (AP-503H) or 1.2 dBi (AP-505H)

Visual indictors (two multi-color LEDs)

- Power/System status
- Radio status
- Local network port status (2x on AP-503H, 4x on AP-505H)
- PoE-PSE status (2x) (applies to AP-505H only)

Reset button

Factory reset, LED mode control (normal/off)

Serial console interface

Proprietary, micro-B USB physical jack

Crypto performance

Up to 500 Mbps

Power sources and power consumption

Power Sources: The AP supports direct DC power and Power over Ethernet:

- The AP supports direct DC power and Power over Ethernet (PoE)
- When both DC and PoE power sources are available, DC power takes priority over PoE[1]
- Power sources are sold separately; see the HPE Aruba Networking 500H Series Ordering Guide for details

AP-505H:

- When powered by DC or 802.3bt (class 6) PoE, the AP will operate without restrictions
- When powered by 802.3at (class 4) PoE and with the IPM feature disabled, the AP will disable the USB port (only) if PoE-PSE is enabled, and support (802.3af) PoE-PSE power on E1 only (no PSE on E2)
- When powered by 802.3af (class 3) PoE with the IPM feature disabled, the AP will disable the USB port and PoE-PSE capability
- With IPM enabled, the AP will start up without restrictions, but may dynamically apply additional restrictions depending on the PoE budget and actual power consumption. The feature specific restrictions and order in which they are applied can be configured

Maximum (worst-case) power

AP-503H:

- DC powered: 10.0W
- PoE powered (802.3af): 11.4W

AP-505H:

- DC powered: 14W / 50W
- PoE powered (802.3bt): 14W / 51W
- PoE powered (802.3at): 14W / 25.5W
- PoE powered (802.3af): 13.5W / 13.5W

Maximum (worst-case) power consumption in idle mode (without USB or PSE)

- AP-503H: 4.5W (PoE)
- AP-505H: 6.2W (PoE)

Mechanical specifications

Dimensions/weight (unit, excluding mount bracket):

- AP-503H:
  - 86mm (W) x 40mm (D) x 150mm (H)
  - 290 g

Dimensions/weight (unit, excluding mount bracket):

- AP-505H:
  - 86mm (W) x 47mm (D) x 150mm (H)
  - 360 g

Dimensions/weight (shipping):

- AP-503H:
  - 111mm (W) x 54mm (D) x 167mm (H)
  - 380 g

Dimensions/weight (shipping):

- AP-505H:
  - 111mm (W) x 54mm (D) x 167mm (H)
  - 450 g

Mounting details

Using one of the (separate orderable) mount kits, the AP can be attached to a single or dual gang wall-box, directly to a wall, or desk mounted. See the 500H Series Ordering Guide for details.

[1] AP-505H only. AP-503H does not support simultaneous connection of PoE and DC power sources.

Environmental specifications

Operating conditions:

- Temperature: 0°C to +40°C / +32°F to +104°F
- Humidity: 5% to 93% non-condensing
- ETS 300 019 class 3.1 environments

Storage and transportation conditions:

- Temperature: –40°C to +70°C / –40°F to +158°F
- Humidity: 5% to 93% non-condensing
- ETS 300 019 classes 1.2 and 2.3 environments

Reliability

Mean time between failure:

- AP-503H: 1,360 khrs (155 yrs) at +25°C operating temperature
- AP-505H: 780 khrs (88 yrs) at +25°C operating temperature

Regulatory and safety compliance

Regulatory model numbers

- AP-503H (all variants): APINH503
- AP-505H (all variants): APINH505

Minimum software release

- HPE Aruba Networking Operating System and HPE Aruba Networking InstantOS 8.7.1.0 (AP-503H) and 8.7.0.0 (AP-505H)
- HPE Aruba Networking Operating System 10.3.0.0 (AP-503H), 10.2.0.0 (AP-505H)

Regulatory compliance (for more country-specific regulatory information and approvals, please see your HPE Aruba Networking representative.)

- FCC/ISED
- CE Marked
- RED Directive 2014/53/EU
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- UL/IEC/EN 62368-1
- EN 60601-1-1, EN60601-1-2

Certifications

- Wi-Fi Alliance:
  - Wi-Fi CERTIFIED a, b, g, n, ac
  - Wi-Fi CERTIFIED 6 (ax)
  - WPA, WPA2 and WPA3–Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE)
  - WMM, WMM-PS, Wi-Fi Agile Multiband
  - Wi-Fi CERTIFIED Location™ (AP-505H Only)
- Bluetooth SIG
- Ethernet Alliance (PoE)

For more and country-specific regulatory information and approvals, please see your HPE Aruba Networking representative. HPE Aruba Networking hardware limited lifetime warranty.

RF performance table

	Maximum transmit power (dBm) per	Receiver sensitivity (dBm) per receive chain
2.4 GHz, 802.11b		
1 Mbps	17	–94
11 Mbps	17	–86
2.4 GHz, 802.11g		
6 Mbps	17	–89
54 Mbps	17	–73
2.4 GHz, 802.11n HT20		
MCS0	17	–89
MCS7	15	–69
2.4 GHz, 802.11ax HE20		
MCS0	17	–89
MCS11	11	–60
5 GHz, 802.11a		
6 Mbps	18	–92
54 Mbps	18	–74
5 GHz, 802.11n HT20		
MCS0	18	–91
MCS7	16	–71
5 GHz, 802.11n HT40		
MCS0	18	–88
MCS7	16	–78
5 GHz, 802.11ac VHT40		
MCS0	18	–90
MCS9	14	–64

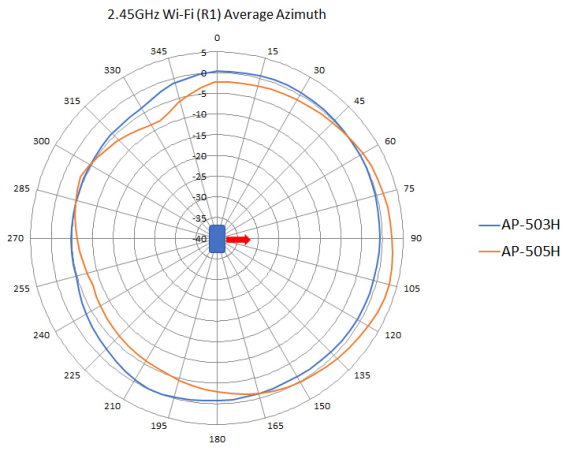
RF performance table (continued)

	Maximum transmit power (dBm) per	Receiver sensitivity (dBm) per receive chain
5 GHz, 802.11ac VHT80		
MCS0	18	–86
MCS9	14	–63
5 GHz, 802.11ax HE20		
MCS0	18	–91
MCS11	12	–62
5 GHz, 802.11ax HE40		
MCS0	18	–90
MCS11	12	–59
5 GHz, 802.11ax HE80		
MCS0	18	–87
MCS11	12	–56

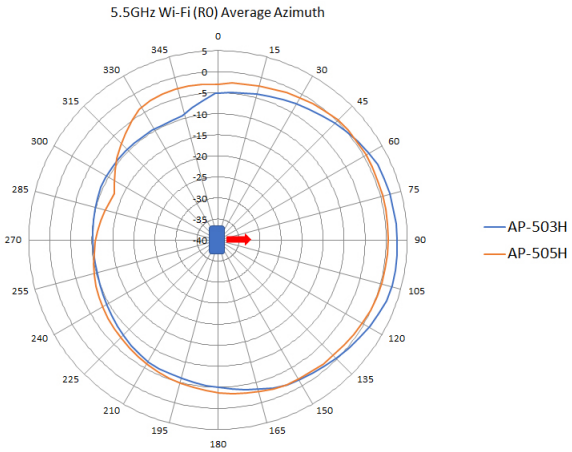
Antenna patterns

Horizontal or azimuth plane (looking at the top of the AP, front facing to the right)

(averaged patterns for all applicable antennas)



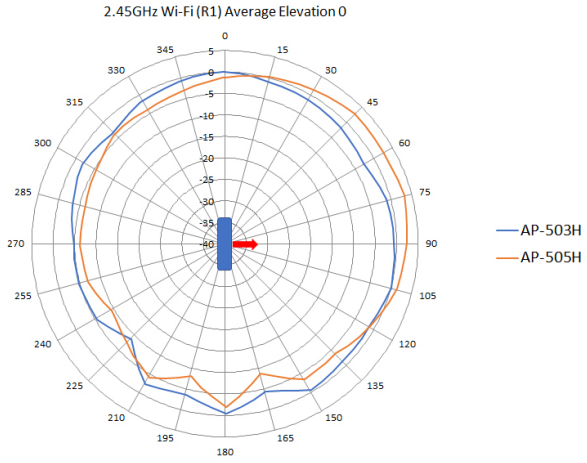
2.45 GHz Wi-Fi (antennas 0, 1)



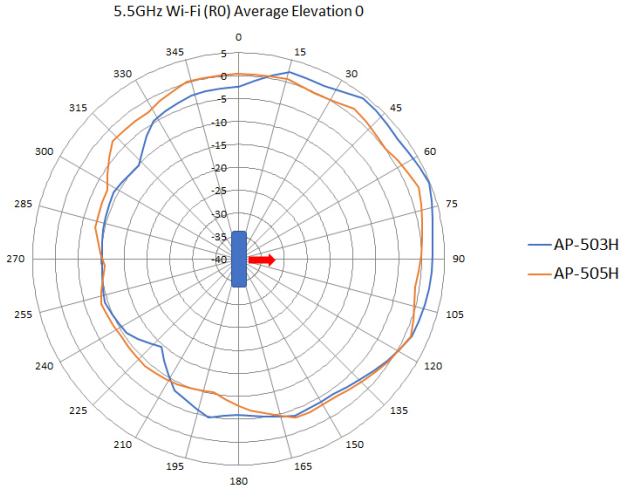
5.5 GHz Wi-Fi (antennas 0, 1)

Vertical (elevation) plane 0 (looking at the side of the AP, front facing to the right)

(averaged patterns for all applicable antennas)



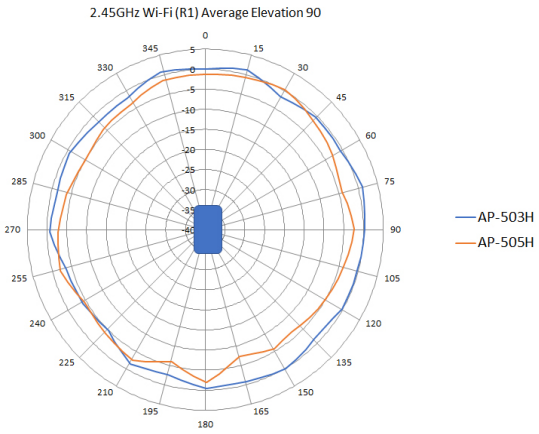
2.45 GHz Wi-Fi (antennas 0, 1)



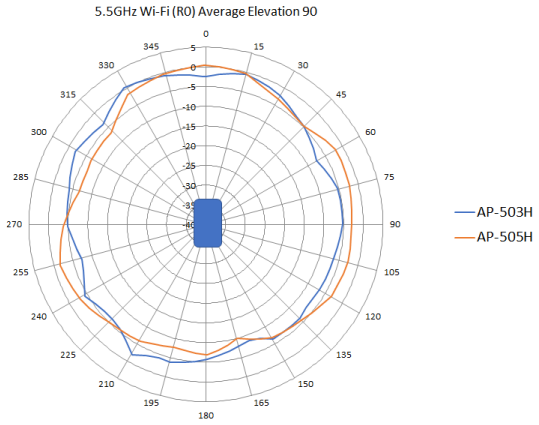
5.5 GHz Wi-Fi (antennas 0, 1)

Vertical (elevation) plane 90 (looking at the front of the AP)

(averaged patterns for all applicable antennas)



2.45 GHz Wi-Fi (antennas 0, 1)



5.5 GHz Wi-Fi (antennas 0, 1)

Ordering information

Part Number	Description
500H Series Hospitality Access Points	
AP-503H access points	
R3V44A	HPE Aruba Networking AP-503H (EG) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R3V42A	HPE Aruba Networking AP-503H (IL) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R3V40A	HPE Aruba Networking AP-503H (JP) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R3V36A	HPE Aruba Networking AP-503H (RW) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R3V38A	HPE Aruba Networking AP-503H (US) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R7G96A	HPE Aruba Networking AP-503HR (EU) Remote AP bundle with AP-503H (RW)+desk mount + power adapter + EU power cord
R7G97A	HPE Aruba Networking AP-503HR (US) Remote AP bundle with AP-503H (US)+desk mount + power adapter + NA power cord
S5D82A	HPE Aruba Networking AP-503H (ID) Dual Radio 2x2 802.11ax 1+2 Ethernet Hospitality Access Point
AP-505H access points	
R3V54A	HPE Aruba Networking AP-505H (EG) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V52A	HPE Aruba Networking AP-505H (IL) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V50A	HPE Aruba Networking AP-505H (JP) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V46A	HPE Aruba Networking AP-505H (RW) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V48A	HPE Aruba Networking AP-505H (US) Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V56A	HPE Aruba Networking AP-505HR (EU) Remote AP bundle with AP-505H (RW)+desk mount + power adapter + EU power cord
R3V57A	HPE Aruba Networking AP-505HR (US) Remote AP bundle with AP-505H (US)+desk mount + power adapter + NA power cord
S5D84A	HPE Aruba Networking AP-505H (ID) Dual Radio 2x2 802.11ax 1+4 Ethernet PSE USB Hospitality AP
AP-503H access points–TAA models	
R3V45A	HPE Aruba Networking AP-503H (EG) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R3V43A	HPE Aruba Networking AP-503H (IL) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+2 Ethernet
R3V41A	HPE Aruba Networking AP-505H (JP) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V37A	HPE Aruba Networking AP-505H (RW) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V39A	HPE Aruba Networking AP-505H (US) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB

Ordering information (continued)

Part Number	Description
AP-503H access points	
R3V55A	HPE Aruba Networking AP-505H (EG) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V53A	HPE Aruba Networking AP-505H (IL) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V51A	HPE Aruba Networking AP-505H (JP) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V47A	HPE Aruba Networking AP-505H (RW) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB
R3V49A	HPE Aruba Networking AP-505H (US) TAA Dual-radio 802.11ax 2x2 Unified Hospitality AP with 1+4 Ethernet, PSE, USB

For compatible accessories and spares, see the 500H Series Ordering Guide.

Visit HPE.com

Chat now

© Copyright 2026 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Bluetooth is a trademark owned by its proprietor and used by Hewlett Packard Enterprise under license. All third-party marks are property of their respective owners.

a00096366ENW, Rev. 4

HEWLETT PACKARD ENTERPRISE

hpe.com