

Overview

HPE Aruba Networking 500R Series Remote Access Points

Desktop Wi-Fi 6 APs with wired connectivity – ideal for remote work and small branch offices

HPE Aruba Networking 500R Series Remote Access Points enable IT teams to deliver cost-effective Wi-Fi 6 coverage in a compact desktop form factor to hundreds or even thousands of remote workers. With 1.49 Gbps maximum combined speed, these APs are well-suited for small branches and remote work. Two wired ports provide additional device support for work from home and an add-on LTE USB module delivers cellular backhaul capabilities.



HPE Aruba Networking 500R Series Remote Access Points

Key Features

- Desktop form factor with support for Wi-Fi 6 (802.11ax) and 1.49 Gbps maximum real-world speed (HE80/HE20)
 - Zero touch provisioning, optional USB LTE modem, and two wired ports make it easier to extend the workplace experience anywhere that has an internet or cellular connection
 - Microbranch capabilities to extend the WAN to home offices, small offices, and even temporary locations with SD-WAN, cloud-based management, and SASE integration capabilities – without requiring an on-premises gateway.
 - Wired and wireless connections that include encryption and user authentication to protect the remote network
 - Wi-Fi CERTIFIED™ with OFDMA support for enhanced multi-user efficiency
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Standard Features

Home Office/Small Office Use

IT teams are tasked with ensuring a secure and reliable experience for a highly distributed workforce that is accessing data center and cloud-based applications over consumer broadband and cellular connections that are outside IT's control and visibility. With HPE Aruba Networking 500R Series Remote Access Points, managed by HPE Aruba Networking Central, IT can remotely deploy and centrally manage secure network connectivity for hundreds or even thousands of remote workers or small office employees to deliver an in-office experience – without need for a gateway.

Remote workers can connect wireless clients (laptops, smartphones, tablets) as well as wired clients, such as VoIP phones, and access mission-critical applications reliably and securely. As backup, the AP can be used with an LTE dongle inserted into the USB port for uplink redundancy and business continuity. IT benefits from a unified approach that enables staff to configure, troubleshoot, and optimize network performance across campus, branch, and remote work environments. Built in SD-WAN intelligent route and tunnel orchestration and policy-based routing drives operational efficiencies and optimizes network performance. Comprehensive WAN health dashboards assist in troubleshooting problems quickly and boosting user satisfaction.

Ease of Deployment and Maintenance

With HPE Aruba Networking Central, onboarding, configuring, and provisioning is simpler and requires no manual CLI configuration or maintenance windows. Once the AP is plugged in, the device connects and receives its running configuration from the cloud using zero touch provisioning, which allows remote workers and offices to onboard and configure wireless connectivity without any on-site IT support. To avoid downtime or loss of service caused by upgrades, HPE Aruba Networking Central offers Live Upgrade functionality to reduce maintenance windows and ensure continuous wireless operations. In addition, HPE Aruba Networking 500R Series Remote Access Points ship with a 12V adapter and localized plug and can be powered via DC or a standard USB-C source (15+ watts).

Simplified, Flexible Consumption

HPE Aruba Networking Central is required to manage HPE Aruba Networking 500R Series Remote Access Points and can be purchased on a per-device subscription. Licenses are available in 1-, 3-, 5-, 7-, and 10-year increments, making it easy for customers to align requirements for AIOps, security, and other desired management features. Foundation licenses provide all primary enterprise features and functionality; while advanced licenses include all foundational features plus enhanced AIOps, WAN Health dashboards, security, and other premium features to deliver an end-to-end solution for managing and optimizing enterprise networks. It is also integrated with HPE GreenLake, providing a consistent operating model and single platform for IT executives to view and manage their compute, storage, and networking infrastructure for unmatched efficiency and improved cost controls.

Wi-Fi 6 Certified

HPE Aruba Networking 500R Series Remote Access Points are fully Wi-Fi CERTIFIED™ to meet all the requirements for Wi-Fi 6 (802.11ax) for greater efficiency including OFDMA, MU-MIMO, and Target Wake Time to extend battery life of devices.

Application Assurance

By allocating radio resources such as time, frequency, and spatial stream to specific traffic types, the APs can provide SLA-grade performance to client devices whether they support Wi-Fi 6 or prior standards. Air Slice relies on the Policy Enforcement Firewall and Deep Packet Inspection (DPI) to identify user roles and applications so bandwidth can be dynamically allocated to ensure performance.

RF optimization

ML-based radio frequency optimization known as AirMatch dynamically adjusts resources such as power to optimize coverage and eliminate coverage gaps.

Advanced Cellular Coexistence

Built-in filtering automatically minimizes the impact of interference from cellular networks, distributed antenna systems (DAS), and commercial small cell or femtocell equipment.



Standard Features

IoT Ready

Using an optional external USB radio dongle, the HPE Aruba Networking 500R Series can use the 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 500R Series as an IoT platform, which eliminates the need for an overlay infrastructure and additional IT resources

Security

Remote work increases the attack surface in an organization. With HPE Aruba Networking Central, HPE Aruba Networking 500R Series Remote Access Points are better protected using new, sophisticated security models such as Zero Trust and SASE. A fundamental concept of both Zero Trust and SASE security frameworks is identity-based access control that grants least-privilege access for a device or user, restricting them from accessing resources not required to complete their tasks.

AI Client Insights

ML-based classification of all clients via Client Insights uses deep packet inspection to provide additional context and behavioral information that help ensure devices are receiving proper policy enforcement and continuously monitor for rogue devices.

User and Device Authentication

Cloud-native Network Access Control (NAC) provided by HPE Aruba Networking Central further simplifies how IT controls network access while providing a frictionless experience for end users. Global policy automation and orchestration enables IT to define and maintain global policies at scale with ease, using UI-driven, intuitive workflows that automatically translate security intent into policy design and map user roles for employees, contractors, guests, and devices to their proper access privileges.

Intrusion Detection

HPE Aruba Networking Central utilizes the Rogue AP Intrusion Detection Service (RAPIDS) to identify and resolve issues caused by rogue APs and clients. Wired and wireless data is automatically correlated to identify potential threats, strengthening network security and improving incident response processes by reducing false positives.

Web Content Filtering

Web Content Classification (WebCC) classifies websites by content category and rates them by reputation and risk score, enabling IT to block malicious sites to help prevent phishing, DDoS, botnets, and other common attacks.

WPA3 and Enhanced Open

As part of Wi-Fi 6 (802.11ax), WPA3 ensures stronger encryption and authentication while Enhanced Open offers protection for users connecting to open networks by automatically encrypting each session to protect user passwords and data on guest networks. In addition, 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.

Trusted Platform Module (TPM)

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

Standards Based Technologies

HPE Aruba Networking 500R Series Remote Access Points also include the following standards-based technologies:

- Transmit Beamforming to increase signal reliability and range
 - Passpoint Wi-Fi (Release 2) (Hotspot 2.0) for seamless cellular to Wi-Fi handover for guests
 - Dynamic Frequency Selection (DFS) to optimize use of available RF spectrum
 - Maximum Rate Combining (MRC) for improved receiver performance
 - Cyclic Delay/Shift Diversity (CDD/CSD) to deliver greater downlink RF performance
 - Space-Time Block Coding (STBC) to increase range and improve reception
 - Low-Density Parity Check (LDPC) to provide high-efficiency error correction and improve throughput
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Configuration Information

BTO Models

503R Remote Access Points

Rule #	Description	SKU
1, 6	HPE Aruba Networking AP-503R (RW) Dual Radio 2x2 802.11ax Wi-Fi 6 Remote Access Point <ul style="list-style-type: none"> Includes AC power adapter & plug Regulatory NOT approved for sale in India 	R8N04A
1,6	HPE Aruba Networking AP-503R (RW1) Dual Radio 2x2 Wi-Fi 6 Remote Access Point <ul style="list-style-type: none"> Includes AC power adapter & plug Regulatory approved for sale in India 	S2Q91A
2, 6	HPE Aruba Networking AP-503R (US) Dual Radio 2x2 802.11ax Wi-Fi 6 Remote Access Point <ul style="list-style-type: none"> Includes AC power adapter & plug 	R8N05A
3, 6	HPE Aruba Networking AP-503R (IL) Dual Radio 2x2 802.11ax Wi-Fi 6 Remote Access Point <ul style="list-style-type: none"> Includes AC power adapter & plug 	R8N02A
4, 6	HPE Aruba Networking AP-503R (JP) Dual Radio 2x2 802.11ax Wi-Fi 6 Remote Access Point <ul style="list-style-type: none"> Includes AC power adapter & plug 	R8N03A
5, 6	HPE Aruba Networking AP-503R (EG) Dual Radio 2x2 802.11ax Wi-Fi 6 Remote Access Point <ul style="list-style-type: none"> Includes AC power adapter & plug 	R8N01A

Configuration Rules

Rule #	Description
1	Available everywhere except, US, Puerto Rico, Israel, Japan and Egypt.
2	Available in US and Puerto Rico only
3	Available in Israel only
4	Available in Japan only
5	Available in Egypt only
6	Localization for Wall Power Plug required (refer to HPN Localization Menu)

Notes: [OCA Only Model Selection Form - HPE Offering > HPE Aruba Networking > Access Points > Hospitality / Remote: HPE Aruba Networking 500R Series RAPs](#)

Power Options

Power Options

Rule #	Description	SKU
	HPE Aruba Networking AP-AC18-12B 12V/18W Worldwide Wall-Wart 2.1/5.5mm Connector Power Adapter <ul style="list-style-type: none"> Includes AC plugs for worldwide coverage 	R9D91A
1	HPE Aruba Networking AP-AC2-12B 12V/48W AC/DC Desktop Style Power Adapter with 2.1/5.5mm Connector <ul style="list-style-type: none"> Add AC power cord 	R3K00A

Configuration Rules

Rule #	Description
1	If this Power Supply is selected, bring in (Min 1 // Max 1) Localized power cord based on the HPE Aruba Networking Wireless Power Cord Table

Notes: [Most devices are PoE powered from switch, so these are optional](#)



Configuration Information

Accessories

Other Accessories

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
	HPE Aruba Networking AP-CBL-SERU Micro-USB TTL3.3V to USB2.0 AP Console Adapter Cable	JY728A
	<ul style="list-style-type: none"> Drivers available on the HPE Networking Support Portal 	
	HPE Aruba Networking AP-MOD-SERU Micro-USB TTL3.3V to RJ45 RS232 AP Console Adapter Module	R6Q99A
	HPE Aruba Networking AP-USB-ZB External USB based Dongle with Zigbee and BLE for AP	R2X45A
	<ul style="list-style-type: none"> Single USB Dongle 	
	HPE Aruba Networking AP-USB-ZB 10-pk External USB based Dongle with Zigbee and BLE for AP	R2Y09A
	<ul style="list-style-type: none"> 10-pack USB dongle 	
	HPE Aruba Networking AP-USB-ZB 50-pk External USB based Dongle with Zigbee and BLE for AP	R2Y10A
	<ul style="list-style-type: none"> 50-pack USB dongle 	
	HPE Aruba Networking USB LTE Modem for Access Points and Gateways	R8F34A
	HPE Aruba Networking USB Extender Cable Kit for use with Aruba USB LTE Modem	R8G76A
	<ul style="list-style-type: none"> Optional extender cable kit for USB LTE Modem 	

Software

Central

Cloud Services / Access Point Foundation Subscriptions

2, 8	HPE Aruba Networking Central AP Foundation 1-year Subscription E-STU	Q9Y58AAE
2, 8	HPE Aruba Networking Central AP Foundation 3 year Subscription E-STU	Q9Y59AAE
2, 8	HPE Aruba Networking Central AP Foundation 5 year Subscription E-STU	Q9Y60AAE
2, 8	HPE Aruba Networking Central AP Foundation 7 year Subscription E-STU	Q9Y61AAE
2, 8	HPE Aruba Networking Central AP Foundation 10 year Subscription E-STU	Q9Y62AAE

Cloud Services / Access Point Advanced Subscriptions

2, 8	HPE Aruba Networking Central AP Advanced 1 year Subscription E-STU	Q9Y63AAE
2, 8	HPE Aruba Networking Central AP Advanced 3 year Subscription E-STU	Q9Y64AAE
2, 8	HPE Aruba Networking Central AP Advanced 5 year Subscription E-STU	Q9Y65AAE
2, 8	HPE Aruba Networking Central AP Advanced 7 year Subscription E-STU	Q9Y66AAE
2, 8	HPE Aruba Networking Central AP Advanced 10 year Subscription E-STU	Q9Y67AAE

On-Prem Services / Access Point Foundation Subscriptions

3, 8	HPE Aruba Networking Central on Prem AP Foundation 1 year Subscription E-STU	R6U63AAE
3, 8	HPE Aruba Networking Central on Prem AP Foundation 3 year Subscription E-STU	R6U64AAE
3, 8	HPE Aruba Networking Central on Prem AP Foundation 5 year Subscription E-STU	R6U65AAE
3, 8	HPE Aruba Networking Central on Prem AP Foundation 7 year Subscription E-STU	R6U66AAE
3, 8	HPE Aruba Networking Central on Prem AP Foundation 10 year Subscription E-STU	R6U67AAE

FedRAMP Services / Access Point Advanced Subscriptions

6, 8	HPE Aruba Networking Central AP Advanced Government 1-year Subscription E-STU	R8K84AAE
6, 8	HPE Aruba Networking Central AP Advanced Government 3-year Subscription E-STU	R8K85AAE
6, 8	HPE Aruba Networking Central AP Advanced Government 5-year Subscription E-STU	R8K86AAE
6, 8	HPE Aruba Networking Central AP Advanced Government 7-year Subscription E-STU	R8K87AAE
6, 8	HPE Aruba Networking Central AP Advanced Government 10-year Subscription E-STU	R8K88AAE

Configuration Rules

Rule #	Description	SKU
2	Add the Central Cloud SKUs to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > Cloud Services	

Configuration Information

3	Add the Central On-Prem SKUs to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > On-Prem Services	
6	Add the Central FedRAMP Service SKUs to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > FedRAMP	
8	For OCA: When configuring the following AP 10-Pack, selection condition for this subscription should be 0 (default) or 10	
	HPE Aruba Networking AP-503 (RW) 10-Pack Dual Radio 2x2:2 Wi-Fi 6 Campus Access Point	S1E83A
	HPE Aruba Networking AP-503 (US) 10-Pack Dual Radio 2x2:2 Wi-Fi 6 Campus Access Point	S1E84A

As-a-Service

Cloud Services / Access Point Foundation Subscriptions

7	HPE Aruba Networking Central AP Foundation 1 year Subscription SaaS	Q9Y58AAS
7	HPE Aruba Networking Central AP Foundation 3 year Subscription SaaS	Q9Y59AAS
7	HPE Aruba Networking Central AP Foundation 5 year Subscription SaaS	Q9Y60AAS
7	HPE Aruba Networking Central AP Foundation 7 year Subscription SaaS	Q9Y61AAS
7	HPE Aruba Networking Central AP Foundation 10 year Subscription SaaS	Q9Y62AAS

Cloud Services / Access Point Advanced Subscriptions

7	HPE Aruba Networking Central AP Advanced 1 year Subscription SaaS	Q9Y63AAS
7	HPE Aruba Networking Central AP Advanced 3 year Subscription SaaS	Q9Y64AAS
7	HPE Aruba Networking Central AP Advanced 5 year Subscription SaaS	Q9Y65AAS
7	HPE Aruba Networking Central AP Advanced 7 year Subscription SaaS	Q9Y66AAS
7	HPE Aruba Networking Central AP Advanced 10 year Subscription SaaS	Q9Y67AAS

Configuration Rules

Rule#	Description	SKU
7	For IRIS reference only. No action required for OCX and Clic	



Technical Specifications

Hardware Variants

- AP-503R: Remote AP platform (desk mount, wired + wireless access), integrated antennas

WI-FI Radio Specifications

- AP type: Indoor, dual-radio, 2.4GHz and 5GHz (dual concurrent) 802.11ax 2x2 MIMO
- 2.4GHz radio: Two spatial stream Single User (SU) MIMO for up to 574Mbps wireless data rate with 2SS HE40 802.11ax client devices (287Mbps for HE20)
- 5GHz radio: Two spatial stream Single User (SU) MIMO for up to 1.2Gbps wireless data rate with 2SS HE80 802.11ax client devices
- Up to 256 associated client devices per radio, and up to 16 BSSIDs per radio
- Supported frequency bands (country-specific restrictions apply):
 - 2.400 to 2.4835GHz ISM
 - 5.150 to 5.250GHz U-NII-1
 - 5.250 to 5.350GHz U-NII-2A
 - 5.470 to 5.725GHz U-NII-2C
 - 5.725 to 5.850GHz U-NII-3/ISM
 - 5.850 to 5.895GHz U-NII-4
- Available bands and channels: Dependent on configured regulatory domain (country)
- Dynamic frequency selection (DFS) optimizes the use of available RF spectrum in the 5GHz band
- 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 and 256-QAM (proprietary extension)
 - 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM and 1024-QAM (proprietary extension)
 - 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM and 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 (proprietary extension)
 - 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2, VHT20 to VHT80); 1,083 with 1024-QAM (MCS10 and MCS11, proprietary extension)
 - 802.11ax (2.4GHz): 3.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40)
 - 802.11ax (5GHz): 3.6 to 1,201 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE80)
- 802.11n/ac packet aggregation: A-MPDU, A-MSDU
- Transmit power: Configurable in increments of 0.5 dBm
- Maximum (aggregate, conducted total) transmit power (limited by local regulatory requirements):
 - Per radio (2.4GHz / 5GHz): +21 dBm (18dBm per chain)
 - **Notes: conducted transmit power levels exclude antenna gain. For total (EIRP) transmit power, add antenna gain.**
- Advanced Cellular Coexistence (ACC) minimizes the impact of interference from cellular networks
- 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

Technical Specifications

- Transmit beam-forming (TxBF) for increased signal reliability and range
 - 802.11ax Target Wait Time (TWT) to support low-power client devices
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Wi-Fi Antennas

- AP-503R: Integrated omni-directional antennas for 2x2 MIMO with peak antenna gain of 3.9dBi in 2.4GHz and 5.1dBi in 5GHz. Built-in antennas are optimized for horizontal 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 3.1dBi in 2.4GHz and 3.9dBi in 5GHz.
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Other Interfaces and Features

- Uplink (E0): Ethernet wired network port (RJ-45)
 - Auto-sensing link speed (10/100/1000BASE-T) and MDI/MDX
 - 802.3az Energy Efficient Ethernet (EEE)
 - Downlink (E1-E2): Ethernet wired network ports (RJ-45)
 - Auto-sensing link speed (10/100/1000BASE-T) and MDI/MDX
 - 802.3az Energy Efficient Ethernet (EEE)
 - DC power interfaces
 - Circular: 12Vdc (nominal, +/- 5%), accepts 2.1mm/5.5mm center-positive circular plug with 9.5mm length
 - USB-C: 5Vdc (nominal, +/- 5%)
 - USB 2.0 host interface (Type A connector)
 - Capable of sourcing up to 1A / 5W to an attached device
 - Built-in Trusted Platform Module (TPM) for enhanced security and anti-counterfeiting
 - Visual indicators (two multi-color LEDs): for System and Radio status
 - Tapping the AP housing will toggle the LED mode between off and normal
 - Reset button: factory reset, LED mode control (normal/off)
 - Serial console interface (proprietary, micro-B USB physical jack)
 - Kensington security slot
 - Automatic thermal shutdown and recovery function
-

Power Sources and Power Consumption

- The AP can be powered using a compatible DC power source, connected to either one of the power interfaces (12V circular or 5V USB-C)
 - The AP ships with a compatible 12V/18W DC power adapter
 - Maximum (worst-case) power consumption: 15.4W
 - This assumes that up to 5W is supplied to an attached USB device.
 - Maximum (worst-case) power consumption without USB power sourcing is 10.0W
 - Maximum (worst-case) power consumption in idle mode: 4.0W.
 - This assumes no power is supplied to an attached USB device or no device is attached
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Mounting Details

The AP is intended to be desk mounted; the integrated antennas are optimized for that. It is possible to wall mount the AP, but RF coverage and range will be compromised.



Technical Specifications

Mechanical Specifications

- Dimensions/weight (AP-503R; unit):
 - 150mm (W) x 150mm (D) x 39mm (H)
 - 320g
 - Dimensions/weight (AP-503R; shipping):
 - 240mm (W) x 170mm (D) x 50mm (H)
 - 600g
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Environmental Specifications

- Operating conditions
 - Temperature: 0C to +40C / +32F to +104F
 - Relative humidity: 5% to 95%
 - ETS 300 019 class 3.2 environments
 - AP is plenum rated for use in air-handling spaces
 - Storage conditions
 - Temperature: -25C to +55C / +13F to +131F
 - Relative humidity: 10% to 100%
 - ETS 300 019 class 1.2 environments
 - Transportation conditions
 - Temperature: -40C to +70C / -40F to +158F
 - Relative humidity: up to 95%
 - ETS 300 019 class 2.3 environments
-

Reliability

Mean Time Between Failure (MTBF): 620khrs (71yrs) at +25C ambient operating temperature.

Regulatory Compliance

- FCC/ISED
- CE Marked
- RED Directive 2014/53/EU
- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- UL/IEC/EN 60950
- IEC/EN 62368-1
- EN 60601-1-1, EN60601-1-2

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

Regulatory Model Numbers

- AP-503R (all models): APINR503
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Certifications

- Wi-Fi Alliance (WFA):
 - Wi-Fi CERTIFIED a, b, g, n, ac
 - Wi-Fi CERTIFIED 6
 - WPA, WPA2 and WPA3 – Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE)
 - WMM, WMM-PS, Wi-Fi Agile Multiband
 - Passpoint (release 2)
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Technical Specifications

Warranty

HPE Aruba Networking's hardware limited lifetime warranty.

Minimum operating system software versions

HPE Aruba Networking OS and HPE Aruba Networking InstantOS 10.5.0.0

RF Performance Table

Brand, rate	Maximum transmit power (dBm) per transmit chain	Receiver sensitivity (dBm) per receive chain
2.4GHz, 802.11b		
1Mbps	18	-96
11Mbps	18	-87
2.4GHz, 802.11g		
6Mbps	18	-92
54Mbps	16	-74
2.4GHz, 802.11n HT20		
MCS0	18	-92
MCS7	16	-73
2.4GHz, 802.11ax HE20		
MCS0	18	-92
MCS11	12	-61
5GHz, 802.11a		
6Mbps	18	-93
54Mbps	16	-75
5GHz, 802.11n HT20 / HT40		
MCS0	18.0 / 18.0	-92.0 / -89.0
MCS7	16.0 / 16.0	-73.0 / -70.0
5GHz, 802.11ac VHT20 / VHT40 / VHT80		
MCS0	18.0 / 18.0 / 18.0	-92.0 / -89.0 / -86.0
MCS11	12.0 / 12.0 / 12.0	-62.0 / -59.0 / -56.0

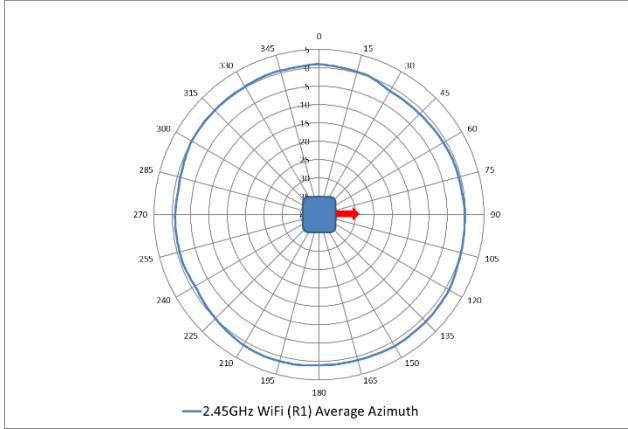


Technical Specifications

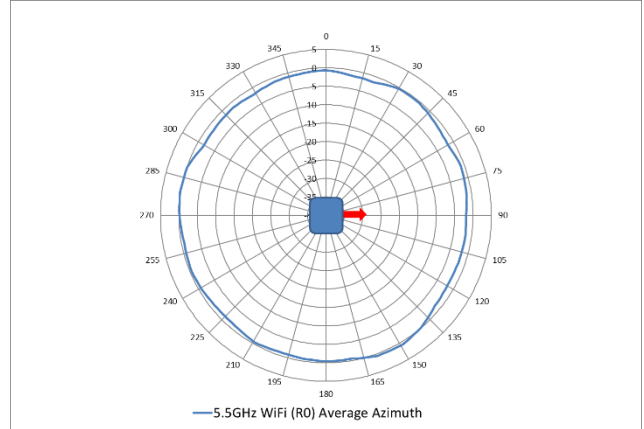
Antenna Patterns

Horizontal Plane (Top View)

Showing azimuth (0 degrees) patterns (averaged patterns for all applicable antennas)



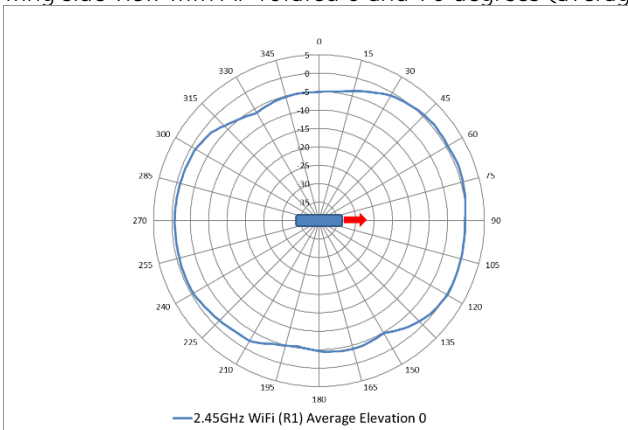
2.45GHz Wi-Fi (antennas 1, 2)



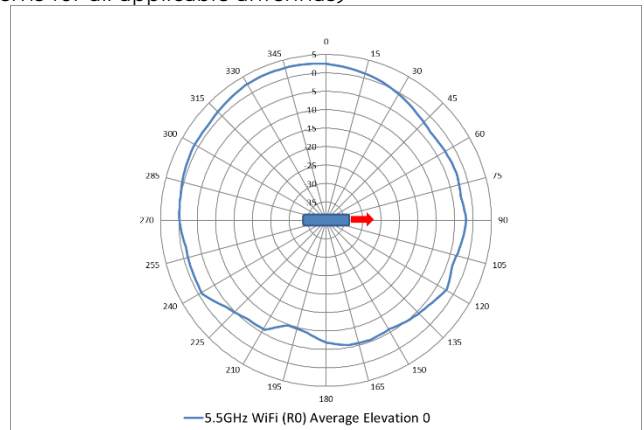
5.5GHz Wi-Fi (antennas 1, 2)

Vertical (Elevation) Planes (Side Views)

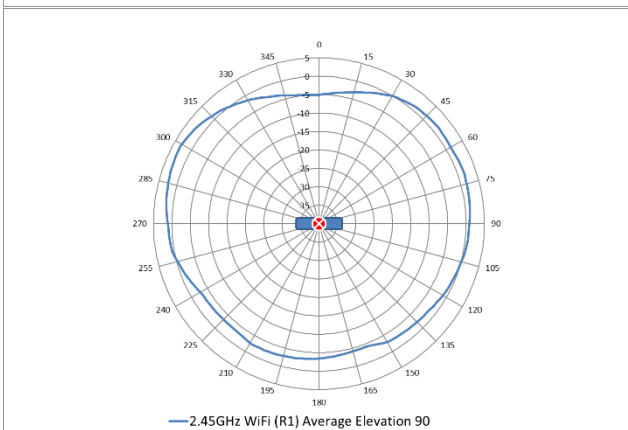
Showing side view with AP rotated 0 and 90 degrees (averaged patterns for all applicable antennas)



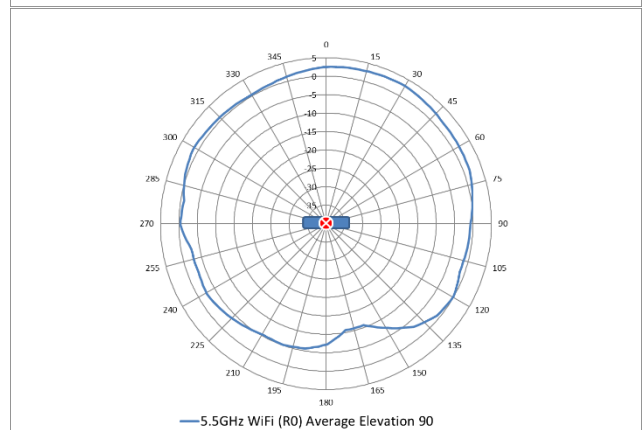
2.45GHz Wi-Fi (antennas 1, 2)



5.5GHz Wi-Fi (antennas 1, 2)



2.45GHz Wi-Fi (antennas 1, 2)



5.5GHz Wi-Fi (antennas 1, 2)



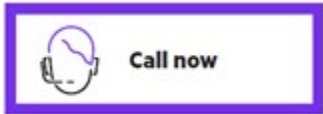
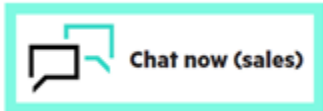
Summary of Changes

Date	Version History	Action	Description of Change
04-Mar-2024	Version 5	Changed	Configuration Information section was updated.
04-Dec-2023	Version 4	Changed	Series name was updated.
02-Oct-2023	Version 3	Changed	Configuration Information section was updated.
07-Aug-2023	Version 2	Changed	Configuration Information section was updated.
10-Jul-2023	Version 1	New	New QuickSpecs



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