



aruba 503 Series Campus Access Point User Guide

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aruba 503 Series Campus Access Point



Product Information

The Aruba 503 Series Campus Access Point is a high-performance, dual-radio wireless device that can be deployed in either controller-based (AOS) or controller-less (Instant) modes. It supports the full 802.11ax (Wi-Fi 6) feature set with dual 2x2 MIMO radios and provides a wired network interface. The package includes the Aruba 503 Access Point and a ceiling mount bracket (ten-packs also include a console serial port adapter cable).

Product Usage Instructions

1. Ensure that the device operates in accordance with all local/regional laws of the host domain.
2. Use channel assignments appropriate to the domain in which the access point is deployed. For a list of approved devices for your country domain, refer to the Aruba Downloadable Regulatory Table Release Note by scanning the QR code in the manual or visiting <http://www.arubanetworks.com/techdocs/DRT/Default.htm>.
3. Inspect the package contents and inform your supplier if there are any incorrect, missing, or damaged parts.
4. If necessary, return the product by repacking it into the original packaging before returning it to the supplier.
5. Professional installation and service by a trained Aruba-Certified Mobility Professional (ACMP) or similar Aruba-certified technician is required.
6. Refer to the Aruba 503 Series Campus Access Point Installation Guide for detailed installation instructions. This guide can be accessed by scanning the QR code in the manual or by selecting Software & Documents > Access Points (AP & IAP) at <https://asp.arubanetworks.com> and searching for AP-503.
7. Use the provided default credentials (Username: admin, Password: [password not provided]) for logging into the AP management.
8. Refer to the latest version of the AP Software Quick Start Guide for instructions on initial setup and software configuration. This guide can be accessed by scanning the QR code in the manual or by selecting Software & Documents > View All Aruba Products > Software at <https://asp.arubanetworks.com>.
9. Make sure to comply with the End User License Agreement (EULA) for the product. The EULA information can be found at= www.arubanetworks.com/assets/legal/EULA.pdf.
10. It is recommended to upgrade the AP firmware and/or downloadable regulatory table (DRT) file to the latest available version to ensure compliance with the most up-to-date set of countries and regulatory specifications.
11. Any changes or modifications to the unit not expressly approved by Aruba Networks, a Hewlett Packard Enterprise Company, could void the user's authority to operate this equipment.

12. For specific regulatory information for Brazil and Canada, refer to the manual.

The Aruba 503 Series Campus Access Points are high-performance, dual-radio wireless devices that can be deployed in either controllerbased (AOS) or controller-less (Instant) modes. Aruba 503 Series Campus Access Points support the full 802.11ax (Wi-Fi 6) featureset with dual 2x2 MIMO radios and provide a wired network interface.

Package Contents

The following materials are included with this product

- Aruba 503 Access Point
- Ceiling mount bracket
- Ten-packs include a console serial port adapter cable. Inform your supplier if there are any incorrect, missing, or damaged parts. To return this product, repack this unit and other included materials into the original packaging before returning it to the supplier.

Installation

This device must be professionally installed and serviced by a trained Aruba-Certified Mobility Professional (ACMP), or similar Aruba certified technician. To install this device, refer to the Aruba 503 Series Campus Access Point Installation Guide by scanning the QR code in this section, or selecting Software & Documents > Access Points (AP & IAP) at <https://asp.arubanetworks.com> and searching for AP-503.



Use the following AP management default credentials for logging in

- **Username:** admin
- **Password:** <Serial number of the AP>

Software

- For instructions on initial setup and software configuration, refer to the latest version of the AP Software Quick Start Guide by scanning the QR code in this section, or selecting Software & Documents > View All Aruba Products > Software at <https://asp.arubanetworks.com>.
- Software End User License Agreement The End User License Agreement (EULA) information for this product can be found www.arubanetworks.com/assets/legal/EULA.pdf

Regulatory Compliance

An upgrade to the AP firmware and/or downloadable regulatory table (DRT) file to the latest available version is recommended. This ensures that the AP supports the most up-to-date set of countries and regulatory

specifications. Aruba access points are classified as radio transmission devices, and are subject to government regulations of the host country. The network administrator(s) is/are responsible for ensuring that this device operates in accordance with all local/regional laws of the host domain. Access points must use channel assignments appropriate to the domain in which the access point is deployed. For a complete list of approved devices for by your country domain, refer to the Aruba Downloadable Regulatory Table Release Note by scanning the QR code in this section, or visiting <http://www.arubanetworks.com/techdocs/DRT/Default.htm>



The regulatory model number (RMN) for AP 503 is

- AP-503 RMN: APIN0503 Changes or modifications to this unit not expressly approved by Aruba Networks, a Hewlett Packard Enterprise Company could void the user's authority to operate this equipment

EU & UK Regulatory Conformity

The Declaration of Conformity made under Radio Equipment Directive 2014/53/EU as well as the United Kingdom's Radio Equipment Regulations 2017/UK is available below. Select the document that corresponds to your device's model number as it is indicated on the product label.

- EU & UK Declaration of Conformity

Wireless Channel Restrictions

5150-5350MHz band is limited to indoor only in the following countries; Austria (AT), Belgium (BE), Bulgaria (BG), Croatia (HR), Cyprus (CY), Czech Republic (CZ), Denmark (DK), Estonia (EE), Finland (FI), France (FR), Germany (DE), Greece (GR), Hungary (HU), Iceland (IS), Ireland (IE), Italy (IT), Latvia (LV), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Malta (MT), Netherlands (NL), Norway (NO), Poland (PL), Portugal (PT), Romania (RO), Slovakia (SK), Slovenia (SL), Spain (ES), Sweden (SE), Switzerland (CH), Turkey (TR), United Kingdom (UK) (NI), United Kingdom (UK).

Radio	Frequency Range MHz (Wi-Fi)	Max EIRP
Wi-Fi	2412-2472	20 dBm
	5150-5250	23 dBm
	5250-5350	23 dBm
	5470-5725	30 dBm
	5725-5850	14 dBm

United States

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including interference that may cause undesired operation.

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit that is different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio or television technician for help.

Contact Aruba

Main Site	www.arubanetworks.com
Support Site	https://asp.arubanetworks.com
Airheads Social Forums and Knowledge Base	https://community.arubanetworks.com/
North America Telephone	<ul style="list-style-type: none">• 1-800-943-4526• 1-408-754-1200
International Telephone	www.arubanetworks.com/support-services/contact-support/
Software Licensing Site	www.hpe.com/networking/support
End-of-Life Information	www.arubanetworks.com/support-services/end-of-life/
Security Incident Response Team (SIRT)	www.arubanetworks.com/supportservice/security-bulletins/ Email: aruba-sirt@hpe.com

Copyright

- © Copyright 2023 Hewlett Packard Enterprise Development LP

Open Source Code

- This product includes code licensed under the GNU General Public License, the GNU Lesser General Public License, and/or certain other open source licenses.
- A complete machine-readable copy of the source code corresponding to such code is available upon request.

This offer is valid to anyone in receipt of this information and shall expire three years following the date of the final distribution of this product version by Hewlett Packard Enterprise Company.

- To obtain such source code, send a check or money order in the amount of US \$10.00 to Hewlett Packard Enterprise Company
 - Attn: General Counsel
 - 6280 America Center Drive
 - San Jose, CA 95002
 - USA


Warranty

- This hardware product is protected by an Aruba warranty. For more details visit www.hpe.com/us/en/support.html and select the “HPE Servers, Storage, and Networking” option from the Product Support menu to access HPE’s Warranty Check.
- EU Regulatory Contact: HPE, Postfach 0001, 1122 Wien, Austria, e-mail: tre@hpe.com

SIMPLIFIED DECLARATION OF CONFORMITY [RMN]:






- Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type [RMN] is in compliance with Directive 2014/53/EU.
 - The full text of the EU declaration of conformity is available at the following internet address: www.hpe.com/eu/certificates
 - Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type [RMN] is in compliance with the UK Radio
 - Equipment Regulations 2017 (S.I. 2017/1206). The full text of the declaration of conformity is available at the following internet address: www.hpe.com/eu/certificates
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Documents / Resources

	<p>aruba 503 Series Campus Access Point [pdf] User Guide APIN0503, Q9DAPIN0503, apin0503, 503 Series Campus Access Point, Campus Access Point , Access Point</p>
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References

-  [HPE Aruba Networking | Enterprise](#)
-  [Home - Airheads Community](#)
-  [Enterprise Networking and Security | HPE Aruba Networking](#)

-  arubanetworks.com/techdocs/DRT/Default.htm
-  [Regulations certificates | Hewlett Packard Enterprise](#)
-  [My Networking | HPE® Official Site](#)
-  hpe.com/us/en/support.html
-  [HPE Aruba Networking | Enterprise](#)

Manuals+.