

# HPE Aruba Networking 670 Series Outdoor Access Points Startup Guide



**Hewlett Packard  
Enterprise**



**0512301-05**

## HPE Aruba Networking 670 Series Outdoor Access Points

comply with the IEEE 802.11ax (Wi-Fi 6E) WLAN standard, while also supporting IEEE 802.11a/b/g/n/ac wireless services.

## Package Contents

The following lists the contents in the package:

- (x1) HPE Aruba Networking 670 Series Outdoor Access Point
- (x1) M20 cable gland
- (x1) Console cable
- (x1) Grounding lug kit
- (x1) BLE antenna (AP-674 only)
- (x1) GNSS antenna (AP-674 only)
- (x1) RF cable for GNSS antenna, 1 m long (AP-674 only)
- (x1) Mount bracket for GNSS antenna (AP-674 only)

## Installation

To install the HPE Aruba Networking 670 Series Outdoor Access Points, refer to the installation guide by scanning the QR code in this section or visiting

[https://www.arubanetworks.com/techdocs/hardware/aps/ap670/ig/AP-670\\_Install\\_Guide\\_EN.pdf](https://www.arubanetworks.com/techdocs/hardware/aps/ap670/ig/AP-670_Install_Guide_EN.pdf)



## Software

For instructions on 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 visiting

[www.arubanetworks.com/techdocs/AP-QSG/Aruba-AP-Software-Quick-Start-Guide.pdf](https://www.arubanetworks.com/techdocs/AP-QSG/Aruba-AP-Software-Quick-Start-Guide.pdf)



The following are the default AP management credentials for logging in:

- User name: admin
- Password: <Serial number of the AP>

## Software End User License Agreement

The End User License Agreement (EULA) information for this product can be found at [www.arubanetworks.com/assets/legal/EULA.pdf](https://www.arubanetworks.com/assets/legal/EULA.pdf).

## Regulatory Model Name

The regulatory model numbers (RMN) for the HPE Aruba Networking 670 Series Outdoor Access Points:

- AP-674 RMN: APEX0674
- AP-675 RMN: APEX0675
- AP-677 RMN: APEX0677
- AP-679 RMN: APEX0679

## Regulatory Compliance

### General Regulatory Statements

This product complies with the regulatory rules that apply in the country it is configured for. In most countries this product may not be allowed to enable all radios and all channels, and various restrictions may apply. HPE Aruba Networking will continue to upgrade the software and regulatory restrictions that apply to this product to remain in compliance with the latest regulatory rules in the country of operation, and we will strive to ensure that the capabilities of the product are maximized for each country.

However, this does not imply a commitment to enable all radios in all countries where we ship the product, and/or all deployment scenarios (for example, indoor or outdoor ) that the product gets configured for. Please consult your HPE Aruba Networking representative to confirm the latest regulatory status for the product in the country of operation and any anticipated future enhancements or other changes, as well as check the regulatory rules via the host country's regulatory agencies for more.

HPE Aruba Networking 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.

## Compliance with Latest Regulatory Specifications

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.

For a complete list of approved devices for your country domain, refer to the HPE Aruba Networking Downloadable Regulatory Table Release Notes by scanning the QR code in this section, or visiting [www.arubanetworks.com/techdocs/DRT/content/home.htm](https://www.arubanetworks.com/techdocs/DRT/content/home.htm)



## 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.

Improper termination of access points installed in the United States configured to a non-US model controller is a violation of the FCC grant of equipment authorization. Any such willful or intentional violation may result in a requirement by the FCC for immediate termination of operation and may be subject to forfeiture (47 CFR 1.80).

Changes or modifications to this unit not expressly approved by HPE Aruba Networking can void the user's authority to operate this equipment.

## Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistema devidamente autorizados.

Para mais informações, consulte o site da Anatel:  
<https://www.gov.br/anatel/pt-br>

## Canada

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference. (2) this device must accept any interference, including interference that may cause undesired operation of the device

Cet appareil contient un ou plusieurs transmetteurs/récepteurs exempts de licence conformes aux RSS exempts de licence

d'Innovation, Sciences et Développement économique Canada. L'utilisation de ce périphérique est soumise aux deux conditions suivantes : (1) Cet appareil ne doit pas produire d'interférences. (2) Cet appareil doit accepter toutes les interférences, y compris les interférences pouvant engendrer un fonctionnement indésirable de l'appareil.

## European Union and United Kingdom

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 for viewing 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](http://www.hpe.com/eu/certificates)  
(<http://www.hpe.com/eu/certificates>)

## 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)).

| Radio      | Frequency Range | Max EIRP |
|------------|-----------------|----------|
| BLE/Zigbee | 2402-2480 MHz   | 10 dBm   |
| Wi-Fi      | 2412-2472 MHz   | 20 dBm   |
|            | 5150-5250 MHz   | 23 dBm   |
|            | 5250-5350 MHz   | 23 dBm   |
|            | 5470-5725 MHz   | 30 dBm   |
|            | 5725-5850 MHz   | 14 dBm   |

## Mexico

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## Ukraine

Hereby, HPE Aruba Networking declares that the radio equipment type [The Regulatory Model Number [RMN] for this device can be found on page 1 of this document] is in compliance with Ukrainian Technical Regulation on Radio Equipment, approved by resolution of the CABINET OF MINISTERS OF UKRAINE dated May 24, 2017, No. 355. The full text of the UA declaration of conformity is available at the following internet address:

<https://certificates.ext.hpe.com/public/certificates.html>




EU & UK Regulatory Contact:  
HPE, Postfach 0001,1122 Wien, Austria



## Contact HPE Aruba Networking

|   |   |
|---|---|
| Main Site                                 | <a href="http://www.arubanetworks.com">www.arubanetworks.com</a>  |
| Support Site                              | <a href="https://networkingsupport.hpe.com/home">https://networkingsupport.hpe.com/home</a>   |
| Airheads Social Forums and Knowledge Base | <a href="http://www.community.arubanetworks.com/">www.community.arubanetworks.com/</a>  |
| North America Telephone                   | 1-800-943-4526<br>1-408-754-1200  |
| International Telephone                   | <a href="http://www.arubanetworks.com/support-services/contact-support/">www.arubanetworks.com/support-services/contact-support/</a>  |
| Software Licensing Site                   | <a href="http://www.hpe.com/networking/support">www.hpe.com/networking/support</a>  |
| End-of-Life Information                   | <a href="http://www.arubanetworks.com/support-services/end-of-life/">www.arubanetworks.com/support-services/end-of-life/</a>  |
| Security Incident Response Team (SIRT)    | <a href="http://www.arubanetworks.com/support-services/security-bulletins">www.arubanetworks.com/support-services/security-bulletins</a><br>Email: <a href="mailto:aruba-sirt@hpe.com">aruba-sirt@hpe.com</a> |

## Warranty

This hardware product is protected by HPE Aruba Networking warranty. For details on product warranty and support, visit [www.hpe.com/us/en/support.html](http://www.hpe.com/us/en/support.html) and search for **Warranty Check** using the search tab or click the  menu icon on the top left corner and select **Resources > Warranty Check**.

## Copyright Information

© Copyright 2024 Hewlett Packard Enterprise Development LP.

This product includes code licensed under certain open source licenses which require source compliance. The corresponding source for these components 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, please check if the code is available in the HPE Software Center at <https://myenterpriselicense.hpe.com/cwp-ui/software> but, if not, send a written request for specific software version and product for which you want the open source code. Along with the request, please send a check or money order in the amount of US \$10.00 to:

Hewlett Packard Enterprise Company  
Attn: General Counsel  
WW Corporate Headquarters  
1701 E Mossy Oaks Rd, Spring, TX 77389  
United States of America.



# SIMPLIFIED DECLARATION OF CONFORMITY

[RMN]:

|    |  |
|----|--|
| EN | Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type <b>[RMN]</b> is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                                  |
| EN | Hereby, Hewlett Packard Enterprise Company declares that the radio equipment type <b>[RMN]</b> 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: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a> |
| DE | Hiermit erklärt Hewlett Packard Enterprise Company, dass der Funkanlagentyp <b>[RMN]</b> der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>  |
| FR | Le soussigné, Hewlett Packard Enterprise Company, déclare que l'équipement radioélectrique du type <b>[RMN]</b> est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                     |
| IT | Il fabbricante, Hewlett Packard Enterprise Company, dichiara che il tipo di apparecchiatura radio <b>[RMN]</b> è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                     |
| ES | Por la presente, Hewlett Packard Enterprise Company declara que el tipo de equipo radioeléctrico <b>[RMN]</b> es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>              |
| PL | Hewlett Packard Enterprise Company niniejszym oświadcza, że typ urządzenia radiowego <b>[RMN]</b> jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>  |
| RO | Prin prezenta, Hewlett Packard Enterprise Company declară că tipul de echipamente radio <b>[RMN]</b> este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                           |
| NL | Hierbij verklaar ik, Hewlett Packard Enterprise Company, dat het type radioapparatuur <b>[RMN]</b> conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                           |
| HU | A Hewlett Packard Enterprise Company igazolja, hogy a(z) <b>[RMN]</b> típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| PT | O(a) abaixo assinado(a) Hewlett Packard Enterprise Company declara que o presente tipo de equipamento de radio <b>[RMN]</b> está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>  |
| EL | Με την παρούσα ο/η Hewlett Packard Enterprise Company, δηλώνει ότι ο ραδιοεξοπλισμός <b>[RMN]</b> πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| SV | Härmed försäkrar Hewlett Packard Enterprise Company att denna typ av radioutrustning <b>[RMN]</b> överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| CS | Tímto Hewlett Packard Enterprise Company prohlašuje, že typ rádiového zařízení <b>[RMN]</b> je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| BG | С настоящото Hewlett Packard Enterprise Company декларира, че този тип радиосъоръжение <b>[RMN]</b> е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                                 |
| SK | Hewlett Packard Enterprise Company týmto vyhlasuje, že rádiové zariadenie typu <b>[RMN]</b> je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>  |
| DA | Hermed erklærer Hewlett Packard Enterprise Company, at radioudstyrstypen <b>[RMN]</b> er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| FI | Hewlett Packard Enterprise Company vakuuttaa, että radiolaitetyypin <b>[RMN]</b> on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>  |
| LT | Aš, Hewlett Packard Enterprise Company, patvirtinu, kad radijo įrenginių tipas <b>[RMN]</b> atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| NO | Hewlett Packard Enterprise Company erklærer herved at utstyret <b>[RMN]</b> er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF. Samsvarserklæring: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>  |
| SL | Hewlett Packard Enterprise Company potrjuje, da je tip radijske opreme <b>[RMN]</b> skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| ET | Käesolevaga deklareerib Hewlett Packard Enterprise Company, et käesolev raadioseadme tüüp <b>[RMN]</b> vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| HR | Hewlett Packard Enterprise Company ovime izjavljuje da je radijska oprema tipa <b>[RMN]</b> u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| LV | Ar šo Hewlett Packard Enterprise Company deklarē, ka radioiekārta <b>[RMN]</b> atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| IS | Hér með lýsir Hewlett Packard Enterprise yfir því að <b>[RMN]</b> er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC. Samræmisýfirlýsing: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>   |
| MT | B'dan, Hewlett Packard Enterprise Company, niddikjara li dan it-tip ta' taghmir tar-radju <b>[RMN]</b> huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformita tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: <a href="http://www.hpe.com/eu/certificates">www.hpe.com/eu/certificates</a>                   |