

### Overview

#### HPE Networking Instant On Access Points AP11

Designed for small retail stores, boutique shops, popular home offices looking to setup separate guest network or new POS system.

Small businesses are facing a number of challenges due to new and emerging technology, making it pretty overwhelming to keep up. Mobile devices and cloud-based applications such as Microsoft Office 365 are changing the way you engage with customers, suppliers and staff. Since it's tough enough to set up a up a new payroll system or choose the most effective point of sale solution - we believe choosing the best Wi-Fi for your business should be simple.

Whether you own a small retail store or a boutique shop, your employees and customers are relying on the network for almost everything they do. And because Wi-Fi plays such a crucial role today, you need a purpose-built solution that keeps your business on the go. HPE Networking Instant On Access Points (APs) are easy to deploy and manage—with a quality look and feel at an attractive price point.



**HPE Networking Instant On Access Points AP11**

#### Models

|   |        |
|---|--------|
| Aruba Instant On AP11 (US) 2x2 11ac Wave2 Indoor Access Point | R2W95A |
| Aruba Instant On AP11 (RW) 2x2 11ac Wave2 Indoor Access Point | R2W96A |
| Aruba Instant On AP11 (EG) 2x2 11ac Wave2 Indoor Access Point | R2W97A |
| Aruba Instant On AP11 (IL) 2x2 11ac Wave2 Indoor Access Point | R2W98A |
| Aruba Instant On AP11 (JP) 2x2 11ac Wave2 Indoor Access Point | R2W99A |
| Aruba Instant On AP 11 Access Point and PSU Bundle US         | R3J21A |
| Aruba Instant On AP 11 Access Point and PSU Bundle EU         | R3J22A |

## Overview

### Key Features

- Smart Mesh technology
  - 802.11ac Wave 2 2X2:2 MU-MIMO radios
  - Remote management and monitoring capability
  - Separate guest and employee Wi-Fi network
  - Mobile app in multiple languages and cloud portal
  - Easy client/device blocking
  - Built-in DHCP/NAT support
  - App bandwidth limiting per network/user session
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### In the box

- 1 x HPE Networking Instant On AP11 Indoor Access Point
  - 1 x HPE Networking Instant On AP11 Quick Start guide
  - 1 x ceiling rail mount clip
  - 1 x solid surface mount clip
  - 1 x Ethernet cable
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## Standard Features

### Product highlights

#### Ease at its best

- Wi-Fi that works right out of box
- Easy-to-use mobile app for deployment and upkeep.

#### Security you can count on

- Wi-Fi that keeps business and visitor traffic separate
- Latest WPA2/WPA3 authentication for secure network access

#### We've got you covered

- Industry leading warranty and support
  - A customizable guest access splash page that shows off your brand
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### Antennas

Integrated down-tilt omni-directional antennas with maximum individual antenna gain of 3.3dBi in 2.4GHz and 5.8dBi in 5GHz

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### Mounting

The access point ships with a (black) mount clip to attach to suspended ceiling rails, and a (white) mount clip to attach to solid surfaces (wall/ceiling)

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### Warranty and Support

HPE Networking Instant On 2-Year warranty with 24X7 phone support for first 90 days and chat support for the entire warranty period. Community support as long as you own the products.

Should you require longer support, please purchase a Foundation Care contract for your APs. The SKUs are HK1Y0E (3 years) and H30GZE (5 years).

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## Configuration Information

**Build To Order:** BTO is a standalone unit with no integration. BTO products ship standalone are not part of a CTO or Rack-Shippable solution.

### BTO Base Models

| Rule #        | Description   | SKU    |
|---------------|---|--------|
|               | <b>AP11</b>   |        |
|               | Aruba Instant On AP11 (US) 2x2 11ac Wave2 Indoor Access Point   | R2W95A |
|               | Aruba Instant On AP11 (RW) 2x2 11ac Wave2 Indoor Access Point   | R2W96A |
|               | Aruba Instant On AP11 (EG) 2x2 11ac Wave2 Indoor Access Point   | R2W97A |
|               | Aruba Instant On AP11 (IL) 2x2 11ac Wave2 Indoor Access Point   | R2W98A |
|               | Aruba Instant On AP11 (JP) 2x2 11ac Wave2 Indoor Access Point   | R2W99A |
| <b>Notes:</b> | <a href="#">OCA Only Model Selection Form – HPE Aruba Networking &gt; Instant On &gt; Wireless Access Points: AP11</a>  |        |
|               | <b>AP11 Bundle</b>  |        |
|               | Aruba Instant On AP11 Access Point and PSU Bundle Base WW   | R6K61A |
|               | <ul style="list-style-type: none"> <li>Includes 48V Power Adapter with Localized Power Cord.</li> </ul>   |        |
| <b>Notes:</b> | <ul style="list-style-type: none"> <li>If this Access Point is selected, bring in (Min 1 // Max 1) <a href="#">Localized Wall Power Cord Option</a> based on the <a href="#">HPN Localization Menu</a>.</li> <li>Drop down under <a href="#">Included Power Adapter</a> should offer the following selections: <a href="#">No Localized Power Cord - #AC3 Option</a></li> <li>WW Instant On Bundle is not available in Israel, Japan or Egypt at this time. They must be manually configured. Please go back to the <a href="#">Instant On Catalog</a> and select the <a href="#">Standalone Container</a></li> </ul> |        |
|               | Aruba Instant On AP 11 Access Point and PSU Bundle US   | R3J21A |
|               | <ul style="list-style-type: none"> <li>Includes 48V Power Adapter with US Power Cord</li> </ul>   |        |
|               | Aruba Instant On AP 11 Access Point and PSU Bundle EU   | R3J22A |
|               | <ul style="list-style-type: none"> <li>Includes 48V Power Adapter with EU Power Cord</li> </ul>   |        |
| <b>Notes:</b> | <a href="#">OCA Only Model Selection Form - HPE Aruba Networking &gt; Instant On &gt; Wireless Access Points: Indoor AP11 Bundles</a>   |        |

### Power Options

| Remarks       | Description  | SKU        |
|---------------|--|------------|
| 1             | For AP11 Std (Min 0 // max 1) User Selection (min 0 // max 1)  |            |
|               | Aruba Instant On 802.3af 15.4W POE Midspan Injector  | R8W31A     |
|               | Aruba Instant On 12V/18W Power Adaptor US EU   | R9M78A     |
|               | Aruba Instant On 12V/18W Power Adaptor RW  | R9M79A     |
|               | <b>Configuration Rules</b>   |            |
| <b>Rule#</b>  | <b>Description</b>   | <b>SKU</b> |
| 1             | If this Power Supply is selected, bring in (Min 1 // Max 1) power cord from the <a href="#">HPE Aruba Networking Wireless Power Cord Table</a> |            |
| <b>Notes:</b> | Most devices are PoE powered from switch so these are optional.  |            |

### Spares

| Remarks       | Description  | SKU    |
|---------------|--|--------|
|               | <b>Mount Kits</b>  |        |
|               | For AP11 Std (Min 0 // max 99) User Selection (min 0 // max 99)  |        |
|               | AP-220-MNT-C1 2x Ceiling Grid Rail Adapter for Basic Flat Rails Mount Kit  | JW044A |
| <b>Notes:</b> | <a href="#">AP-220-MNT-C1 AP Mount Kit for AP-103 Single Gang Wall Box Mount Adapter</a>   |        |
|               | AP-MNT-W4 White Low Profile Basic AP Flat Surface Mount Kit  | Q9U25A |
| <b>Notes:</b> | <ul style="list-style-type: none"> <li>AP-MNT-W4 Low Profile Basic AP Mount Kit</li> <li>AP11 Unit ships with two mounting brackets, one for the ceiling mount and one for the wall mount</li> </ul> |        |



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## Technical Specifications

### Radios

- Dual radio for simultaneous dual-band operation
  - 5 GHz 802.11ac 2x2 MIMO for up to 867 Mbps wireless data rate, with Multi User MIMO support (Wi-Fi 5)
  - 2.4 GHz 802.11n 2x2 MIMO for up to 300 Mbps wireless data rate (Wi-Fi 4)
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### Interfaces

- 1 x Uplink Gigabit Ethernet port, with POE-in support (802.3af)
  - 1 x DC power connector (12V)
  - 1 x Bluetooth Low Energy (BLE) radio
  - 2 x LED status indicators
  - 1 x Reset/LED control button
  - 1 x Kensington security slot
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### Physical characteristics

- **Dimensions:** 34 x 152 x 152 mm (1.3 x 6.0 x 6.0 in), H x W x D
  - **Weight:** 193 g (0.4 lb)
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### Power

- Power over Ethernet (POE): 802.3af (class 3)
  - DC power (12V)
- Notes:** Power sources are sold separately
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### Environmental and reliability

- **Operating temperature:** 0° C to +40° C (+32° F to +104° F)
  - **Humidity:** 5% to 93% non-condensing
  - **MTBF:** 795khrs (91yrs) at +25° C
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### Management

- Instant On mobile application (Android and iOS)
  - Cloud Portal: [Portal.ArubaInstantOn.com](https://portal.aruba.com)
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### Industry certifications

- UL 2043 plenum rating
  - EN 60601-1-1 and EN 60601-1-2 (for deployment in medical environments)
  - Wi-Fi Alliance certified (WFA) 802.11ac with Wave 2 (Wi-Fi 5), WPA2, WPA3, Enhanced Open (OWE).
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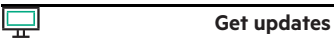
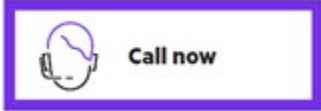
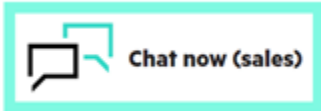
## Summary of Changes

| Date        | Version History | Action  | Description of Change   |
|-------------|-----------------|---------|---|
| 04-Dec-2023 | Version 8       | Changed | Series name was updated.  |
| 20-Mar-2023 | Version 7       | Changed | Configuration Information section was updated.                                  |
| 07-Nov-2022 | Version 6       | Changed | Configuration Information section was updated. SKU replaced for Power options.  |
| 07-Sep-2021 | Version 5       | Changed | Standard Features and Configuration Information sections were updated           |
| 14-Jun-2021 | Version 4       | Changed | Standard Features and Configuration Information sections were updated           |
| 01-Jun-2020 | Version 3       | Changed | Configuration Information was updated.<br>New SKUs were added.                  |
| 04-Nov-2019 | Version 2       | Changed | Overview, Standard Features and Configuration Information sections were updated |
| 01-Jul-2019 | Version 1       | New     | New QuickSpecs  |



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To learn more, visit: <http://www.hpe.com/networking>

a00062187enw - 16387 - Worldwide - V8 - 04-December-2023