

### Overview

#### Aruba Instant On AP12 Indoor Access Points

Designed for medium density small business environments like medical offices, cafés, restaurants and boutique hotels.

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 new payroll system or choose the most effective point of sale system - we believe choosing the best Wi-Fi solution for your business should be simple.

Whether you own a café or a trendy boutique hotel, 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. Aruba Instant On Access Points (APs) are easy to deploy and manage—with a quality look and feel at an attractive price point.



**Aruba Instant On AP12 Indoor Access Points**

#### Models

Aruba Instant On AP12 (US) 3x3 11ac Wave2 Indoor Access Point	R2X00A
Aruba Instant On AP12 (RW) 3x3 11ac Wave2 Indoor Access Point	R2X01A
Aruba Instant On AP12 (EG) 3x3 11ac Wave2 Indoor Access Point	R2X02A
Aruba Instant On AP12 (IL) 3x3 11ac Wave2 Indoor Access Point	R2X03A
Aruba Instant On AP12 (JP) 3x3 11ac Wave2 Indoor Access Point	R2X04A
Aruba Instant On AP12 (US) Indoor AP with DC Power Adapter and Cord (NA) Bundle	R3J23A
Aruba Instant On AP12 (RW) Indoor AP with DC Power Adapter and Cord (EU) Bundle	R3J24A

## Overview

### Key Features

- Smart Mesh technology
  - 802.11ac Wave 2 3X3:3 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 Aruba Instant On AP12 Indoor Access Point
  - 1 x Aruba Instant On AP12 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

#### Simplicity 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 page to show off your brand
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### Antennas

Integrated down-tilt omni-directional antennas with maximum individual antenna gain of 3.9dBi in 2.4GHz and 5.4dBi 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

Aruba 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

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## Configuration Information

### Ordering 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
1	Aruba Instant On AP12 (US) 3x3 11ac Wave2 Indoor Access Point	R2X00A
2	Aruba Instant On AP12 (RW) 3x3 11ac Wave2 Indoor Access Point	R2X01A
3	Aruba Instant On AP12 (EG) 3x3 11ac Wave2 Indoor Access Point	R2X02A
4	Aruba Instant On AP12 (IL) 3x3 11ac Wave2 Indoor Access Point	R2X03A
5	Aruba Instant On AP12 (JP) 3x3 11ac Wave2 Indoor Access Point	R2X04A

#### Configuration Rules

Rule #	Description
1	Available in US only
2	Available everywhere except US, Israel, Japan and Egypt.
3	Available in Egypt only
4	Available in Israel only
5	Available in Japan only

**Remark:** [OCA Only Model Selection Form – Aruba > Instant On > Wireless Access Points: AP12](#)

### Power Options

Remarks	Description	SKU
	For AP12 Std (Min 0 // max 1) User Selection (min 0 // max 1)	
	Aruba Instant On 15.4W 802.3af POE Midspan Injector	R2X22A
	Aruba Instant On 12V/48W PSU Power Adaptor	R3X85A

- Notes:**
- If this Power Supply is selected, bring in (Min 1 // Max 1) Localized power cord based on the Aruba Localization Menu.
  - Most devices are PoE powered from switch so these are optional.

#### Regional Power Options

Add 3-prong (C13) AC power cord for Power Adaptor/PoE Injector

Remarks	Description	SKU
	PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
	PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
	PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
	PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
	PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
	PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
	PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
	PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
	PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
	PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
	PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
	PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
	PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
	PC-AC-TW AC power cord 125V/7A 1.8m C13 to CNS 10917	JW126A
	PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A

## Configuration Information

PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A
PC-AC-H-ARG Argentina 220V AC 10A Max Current AC Power Cord	JW129A

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### Spares

Remarks	Description	SKU
	<b>Mount Kits</b>	
	For AP12 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>– <a href="#">AP-MNT-W4 Low Profile Basic AP Mount Kit</a></li> <li>– <a href="#">AP12 Unit ships with two mounting brackets, one for the ceiling mount and one for the wall mount</a></li> </ul>	

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## Technical Specifications

### Radios

- Dual radio for simultaneous dual-band operation
  - 5 GHz 802.11ac 3x3 MIMO for up to 1,300 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 157 x 157 mm (1.3 x 6.2 x 6.2), H x W x D
  - **Weight:** 483 g (1.1 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 +50° C (+32° F to +122° F)
  - **Humidity:** 5% to 93% non-condensing
  - **MTBF:** 1,116khrs (127yrs) 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

<b>Date</b>	<b>Version History</b>	<b>Action</b>	<b>Description of Change</b>
14-June-2021	Version 3	Changed	Standard Features and Configuration Information sections were updated.
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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