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)	R3J23A
Aruba Instant On AP12 (RW) Indoor AP with DC Power Adapter and Cord (EU)	R3J24A

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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

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

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

Antennas

Integrated down-tilt omni-directional antennas with maximum individual antenna gain of 3.9dBi in 2.4GHz and 5.4dBi in 5GHz

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)

Warranty and Support

Aruba Instant On 1 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

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 PointAruba Instant On AP12 (US) 3x3 11ac Wave2 Indoor Access Point	R2X00A
2	Aruba Instant On AP12 (RW) 3x3 11ac Wave2 Indoor Access PointAruba Instant On AP12 (RW) 3x3 11ac Wave2 Indoor Access Point	R2X01A
3	Aruba Instant On AP12 (EG) 3x3 11ac Wave2 Indoor Access PointAruba Instant On AP12 (EG) 3x3 11ac Wave2 Indoor Access Point	R2X02A
4	Aruba Instant On AP12 (IL) 3x3 11ac Wave2 Indoor Access PointAruba Instant On AP12 (IL) 3x3 11ac Wave2 Indoor Access Point	R2X03A
5	Aruba Instant On AP12 (JP) 3x3 11ac Wave2 Indoor Access PointAruba 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 12V/30W Power Adapter	R2X20A
	Aruba Instant On 15.4W 802.3af POE Midspan Injector	R2X22A
	Aruba Instant On 12V/36W PSU Power Adaptor	R3X85A
NOTE:	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 Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
	PC-AC-AUS Australian AC Power Cord	JW114A
	PC-AC-BR Brazil AC Power Cord	JW115A
	PC-AC-CHN China AC Power Cord	JW116A
	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
	PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
	PC-AC-IN India AC Power Cord	JW119A
	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
	PC-AC-IT Italian AC Power Cord	JW121A
	PC-AC-JP Japanese AC Power Cord	JW122A

Standard Features

PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-TW Taiwan AC Power Cord	JW126A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A
PC-AC-H-ARG Argentina 220V AC 10A Max Current AC Power Cord	JW129A

Spares

Remarks	Description	SKU
	Mount Kits	
	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
NOTE:	AP-220-MNT-C1 AP Mount Kit for AP-103 Single Gang Wall Box Mount Adapter	
	AP-MNT-W4 White Low Profile Basic AP Flat Surface Mount Kit	Q9U25A
NOTE:	AP-MNT-W4 Low Profile Basic AP Mount Kit	
	AP12 Unit ships with two mounting brackets, one for the ceiling mount and one for the wall mount	

Technical Specifications

Radios
- Dual radio for simultaneous dual-band operation
- 5 GHz 802.11ac 3x3 MIMO for up to 1,300 Mbps 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)

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

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)

Power
- Power over Ethernet (POE): 802.3af (class 3)
- DC power (12V)
  NOTE: Power sources are sold separately

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

Management
- Instant On mobile application (Android and iOS)
- Cloud Portal: **Portal.ArubaInstantOn.com**

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).

Summary of Changes

Date	Version History	Action	Description of Change
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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