Overview

Aruba Instant On AP11D Desk/Wall Access Points

Designed for flexible and easy deployments which require an enhanced in-room Wi-Fi experience such as boutique hotels, small offices or doctor's offices.

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 solution - we believe choosing the best Wi-Fi solution for your business should be simple.

Whether you own a small law office 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 AP11D Desk/Wall Access Points

Overview

Models

Aruba Instant On AP11D (US) 2x2 11ac Wave2 Desk/Wall Access Point	R2X15A
Aruba Instant On AP11D (RW) 2x2 11ac Wave2 Desk/Wall Access Point	R2X16A
Aruba Instant On AP11D (EG) 2x2 11ac Wave2 Desk/Wall Access Point	R2X17A
Aruba Instant On AP11D (IL) 2x2 11ac Wave2 Desk/Wall Access Point	R2X18A
Aruba Instant On AP11D (JP) 2x2 11ac Wave2 Desk/Wall Access Point	R2X19A
Aruba Instant On AP 11D Access Point and PSU Bundle US	R3J25A
Aruba Instant On AP 11D Access Point and PSU Bundle EU	R3J26A

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

In the box

- 1 x Aruba Instant On AP11D Desk/Wall Access Point
- 1 x Aruba Instant On AP11 Quick Start guide
- 1 x Single-gang mount kit
- 1 x Desk mount kit with RJ45 jumper cable

Standard Features

Product highlights
Simplicity at its best
- Wi-Fi that works right out of box
- Smart Mesh technology that covers every inch of your business

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
- Super-fast performance for video, voice and conferencing tools

Antennas
Integrated directional antennas with maximum individual antenna gain of 4.3dBi in 2.4GHz and 6.2dBi in 5GHz

Mounting
The access point ships with single gang wall-box mount kit and desk mount kit

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

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
	APP11D	
	Aruba Instant On AP11D (US) 2x2 11ac Wave2 Desk/Wall Access Point	R2X15A
	Aruba Instant On AP11D (RW) 2x2 11ac Wave2 Desk/Wall Access Point	R2X16A
	Aruba Instant On AP11D (EG) 2x2 11ac Wave2 Desk/Wall Access Point	R2X17A
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Notes: OCA Only Model Selection Form -
Aruba > Instant On > Wireless Access Points: AP11D

	APP11D Bundle	
	Aruba Instant On AP11D Access Point and PSU Bundle Base WW	R6K64A
	• Includes 48V Power Adapter with Localized Power Cord	

Notes: If this Access Point is selected, bring in (Min 1 // Max 1) Localized Wall Power Cord Option based on the HPN Localization Menu.

Drop down under Included Power Adapter should offer the following selections: No Localized Power Cord - #AC3 Option

OCA Display Note - WW Instant On Bundle is not availabe in Israel, Japan or Egypt at this time. They must be manually configured. Please go back to the Instant On Catalog and select the Standalone Container

OCA Only Model Selection Form -Aruba > Instant On > Wireless Access Points: Desk/Wall AP11D Bundles

	Description	SKU
	Aruba Instant On AP 11D Access Point and PSU Bundle US	R3J25A
	• Includes 48V Power Adapter with US Power Cord	
	Aruba Instant On AP 11D Access Point and PSU Bundle EU	R3J26A
	• Includes 48V Power Adapter with EU Power Cord	

Power Options

Remarks	Description	SKU
	For AP11D 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 48V/50W PSU Power Adaptor	R3X86A

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.

Spares

Remarks	Description	SKU
	Mount Kits	
	For AP11D Std (Min 0 // max 99) User Selection (min 0 // max 99)	
	AP-303H-MNT1 Kit with Spare Single-gang Wall-box Mount Adapter for 303H Series AP	JY686A
	AP-303H-MNTD Kit with Optional Desk Mount Adapter for 303H Series AP	JY689A

Notes: 11D AP Unit ships with a Single Gang Mount Bracket and a Desk Mount Kit

Configuration Information

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)

Interfaces

- 1 x Uplink Gigabit Ethernet port (E0), with POE-in support (802.3af)
- 3 x Downlink Gigabit Ethernet ports (E1-E3), with POE-out on E3 (802.3af)
- 1 x DC power connector (48V)
- 1 x Bluetooth Low Energy (BLE) radio
- 3 x LED status indicators
- 1 x Reset/LED control button
- 1 x Kensington security slot
- 1 x Ethernet cable

Physical characteristics

- **Dimensions:** 150 x 86 x 40 mm (5.9 x 3.4 x 1.6 in), H x W x D
- **Weight:** 313 g (0.7 lb)

Power

- Power over Ethernet (POE) on E0: 802.3af (class 3) or 802.3at (class 4). When using 802.3af, POE-out on E3 is disabled
- DC power (48V)
     Notes: Power sources are sold separately

Environmental and reliability

- **Operating temperature:** 0° C to +40° C (+32° F to +104° F)
- **Humidity:** 5% to 93% non-condensing
- **MTBF:** 1,090khrs (124yrs) 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)
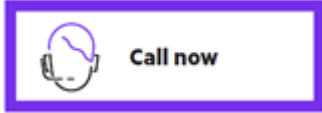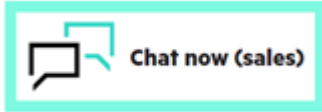- Wi-Fi Alliance certified (WFA) 802.11ac with Wave 2 (Wi-Fi 5), WPA2, WPA3, Enhanced Open (OWE).

Summary of Changes

Date	Version History	Action	Description of Change
07-Nov-2022	Version 7	Changed	Configuration Information section was updated.
13-Sep-2022	Version 6	Changed	Configuration Information section was updated.
07-Sep-2021	Version 5	Changed	Service and Support and Configuration Information sections were updated.
14-Jun-2021	Version 4	Changed	Standard Features section was updated.
01-Jun-2020	Version 3	Changed	Configuration Information section was updated. 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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