aruba
Instant On

Aruba Instant On AP11D

Wi-Fi designed with small businesses in mind

Perfect for homes offices and where built-in Ethernet ports save space.

Small businesses are facing a number of challenges that need constant attention, so setting up and running a network shouldn't be on that list. Choosing the best Wi-Fi for your business should make your life simple.

We've made it easy to keep Wi-Fi users happy, mobile devices connected and your network secure. Setting up employee and guest networks is a breeze. Smart Mesh Wi-Fi makes it easy to cover every room without wires. And bandwidth hogs and unknown devices on your network are a thing of the past.

Whether you own a small retail store or a busy bed and breakfast, Wi-Fi plays such a critical role today. Aruba Instant On Access Points (APs) are easy to deploy and manage – at an attractive price point. Everything from mounting hardware to easy-to-use web and mobile app management tools, and business-grade software features are included – no extra charge or need for external controllers.

KEY FEATURES

Fast 802.11ac Wave 2, 2X2:2 MU-MIMO performance

Smart Mesh Wi-Fi support

Built in Wi-Fi router/gateway functionality

Content and device blocking controls

Simple to use bandwidth tuning for power-users

Easy-to-use web and mobile app for setup and management

Secure Guest Wi-Fi with simple setup

HIGHLIGHTS

Simplicity at its best

Wi-Fi that works right out of the box

Performance that keeps your users happy

Security you can count on

Simple features that keep business and guest traffic separate

Future-ready WPA2/WPA3 authentication for secure Wi-Fi access

We've got you covered

No extra licensing fees

Industry leading warranty and support

BUILT-IN SECURITY GATEWAY/FIREWALL

When it comes to stopping people and bots from accessing your network from the outside it's critical for small businesses. We've added advanced features that do not require external gateways and the complexity that comes with them.

EASY GUEST ACCESS

Customize the experience with your logo, authentication, rules of use or keep it simple. Applying bandwidth rates, setting data usage per app and limiting duration of use is also a breeze. Or use an external portal or service like Facebook Wi-Fi.

FAST ROAMING

Keep users happy as they move between spaces or meetings with a seamless handoff between APs. All you need is to use is secure WPA2 or WPA3 authentication on your secure networks and we do the rest.

MULTI-SITE MANAGEMENT

The cloud-hosted web interface and mobile app make it easy to manage multiple sites: multiple networks, distributed deployments and multi-tenancy deployments. Each site is logically separated and has its own configuration, statistics, guest portal, and admin read/write and read-only privileges.

SMART MESH

Each of the Aruba Instant On APs support extending coverage to those hard to reach spaces where Ethernet cabling may not exist. The Mobile App makes it easy to have a Mesh network up in minutes – indoor or out.

5 STAR VOICE AND VIDEO QUALITY

Wi-Fi Alliance Certified Instant On APs automatically detect and prioritize applications such as Skype, FaceTime and WeChat that use SIP, SCCP and other popular protocols. Now it's even easier to use softphones and the mobile apps that keep your users connected.

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40mm

150mm

86mm

TECHNICAL SPECIFICATIONS

IN THE BOX

Aruba Instant On AP11D Desk/Wall Access Point

Aruba Instant On AP11D Quick Start Guide

Single-gang mount kit

Desk mount kit with RJ45 jumper cable

Ethernet cable

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

Uplink Gigabit Ethernet port (E0), with POE-in support (802.3at/802.3af)

Downlink Gigabit Ethernet ports (E1-E3), with POE-out on E3 (802.3af) (3)

DC power connector (48V)

USB host interface (future use)

Bluetooth Low Energy (BLE) radio

LED Status indicators (3)

Reset/LED control button

Kensington security slot

PHYSICAL SPECIFICATIONS

86mm x 40mm x 150mm

Weight: 313g excluding mount accessories

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

Max power consumption (worst-case): 9.7W (PoE/DC) or 25.3W PoE PSE (302.3at PoE/DC)

DC power (48V): no restrictions

Note: Power sources are sold separately

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

ENVIRONMENTAL & RELIABILITY

Operating Temperature: 0° C to +40° C (+32° F to +104° F)

MTBF: 1,090khrs (124yrs) at +25° C

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

MANAGEMENT OPTIONS

Instant On mobile application (Android & iOS)

Cloud Portal: Portal.ArubaInstantOn.com

WARRANTY & 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

Aruba Instant On Indoor AP11D Access Points

Part Number Points	Description	Comments
R2X15A	Aruba Instant On AP11D (US) 2x2 11ac Wave2 Desk/Wall Access Point	Add PoE or DC Power Source
R2X16A	Aruba Instant On AP11D (RW) 2x2 11ac Wave2 Desk/Wall Access Point	Add PoE or DC Power Source
R2X17A	Aruba Instant On AP11D (EG) 2x2 11ac Wave2 Desk/Wall Access Point	Add PoE or DC Power Source
R2X18A	Aruba Instant On AP11D (IL) 2x2 11ac Wave2 Desk/Wall Access Point	Add PoE or DC Power Source
R2X19A	Aruba Instant On AP11D (JP) 2x2 11ac Wave2 Desk/Wall Access Point	Add PoE or DC Power Source
R3J25A	Aruba Instant On AP11D (US) Indoor AP with DC Power Adapter and Cord (NA)	
R3J26A	Aruba Instant On AP11D (RW) Indoor AP with DC Power Adapter and Cord (EU)	
Power Options		
R3X86A	Aruba Instant On 48V/50W Power Adaptor	Add AC power cord
R2X21A	Aruba Instant On 48V/36W Power Adaptor	Add AC power cord
R2X22A	Aruba Instant On 15.4W 802.3af PoE Midspan Injector	Add AC power cord *AP will operate in restricted (power-save) mode with this injector*
Power Options Continued *Add 3-prong (C13) AC power cord for Power Adaptor/PoE Injector*		
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	
JW114A	PC-AC-AUS Australian AC Power Cord	
JW115A	PC-AC-BR Brazil AC Power Cord	
JW116A	PC-AC-CHN China AC Power Cord	
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord	
JW119A	PC-AC-IN India AC Power Cord	
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	
JW121A	PC-AC-IT Italian AC Power Cord	
JW122A	PC-AC-JP Japanese AC Power Cord	
JW123A	PC-AC-KOR Korea AC Power Cord	
JW124A	PC-AC-NA North America AC Power Cord	
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	
JW126A	PC-AC-TW Taiwan AC Power Cord	
JW127A	PC-AC-UK UK AC Power Cord	
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	
Mount Kits – Spares		
JY686A	Instant On AP11D Single-gang Mount Kit	Spare for what ships with AP11D
JY689A	Instant On AP11D Desk Mount Kit	Spare for what ships with AP11D

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