



Aruba Instant On AP11

Wi-Fi designed with small businesses in mind

Perfect for small retail stores and home offices.

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

Application classification, control and visibility

PPPoE and static IP

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

Protection against compromised login credentials with Two-Factor Authentication
Future-ready WPA2/WPA3/OWE authentication for secure Wi-Fi access



We've got you covered

No extra licensing fees
Industry leading warranty and support

THE INSTANT ON DIFFERENTIATORS

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. In case of gateway failure, you can quickly and easily swap it out with another AP in a single click.

APP VISIBILITY AND CONTROL

Get full visibility into the apps running on your network along with the ability to block certain applications from being used. You also get the flexibility to turn off this feature from the mobile app as well.

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. You can also have open guest networks for quick and easy access. With Instant On mobile app, you can apply bandwidth limits for your clients or your network for prioritizing certain primary networks.

ENTERPRISE GRADE WI-FI

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. You can also control the network width, channels and channel width to suit your specific environment in a single click. Instant On supports OWE for secure, open Wi-Fi network access at cafes, retail stores and restaurants. With the new

Cloudflare integration, you get private and fast web browsing. The 802.11k standard improves roaming performance helping clients connect to nearby APs quickly

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. Instant On allows you to create three admin accounts per site, offering an option to lock accounts to prevent them from accidental deletion.

SITE INVENTORY AND TOPOLOGY VIEW

The site inventory view lists all the Instant On switches and access points on a single interface, and the topology view provides an intuitive structure of all Instant On devices deployed in a network— allowing you to quickly identify non-functioning devices and troubleshoot accordingly. Network issues can be easily diagnosed with connectivity tests like Ping and Traceroute.

TWO-FACTOR AUTHENTICATION (2FA)

As the number of security breaches continue to rise, 2FA has become an essential tool to mitigate risk against compromised login credentials. Two-Factor Authentication (2FA), provides an additional layer of authentication, prevents attackers from remotely accessing our network, and secures sensitive customer information.

THE INSTANT ON DIFFERENTIATORS**PPPOE AND STATIC IP**

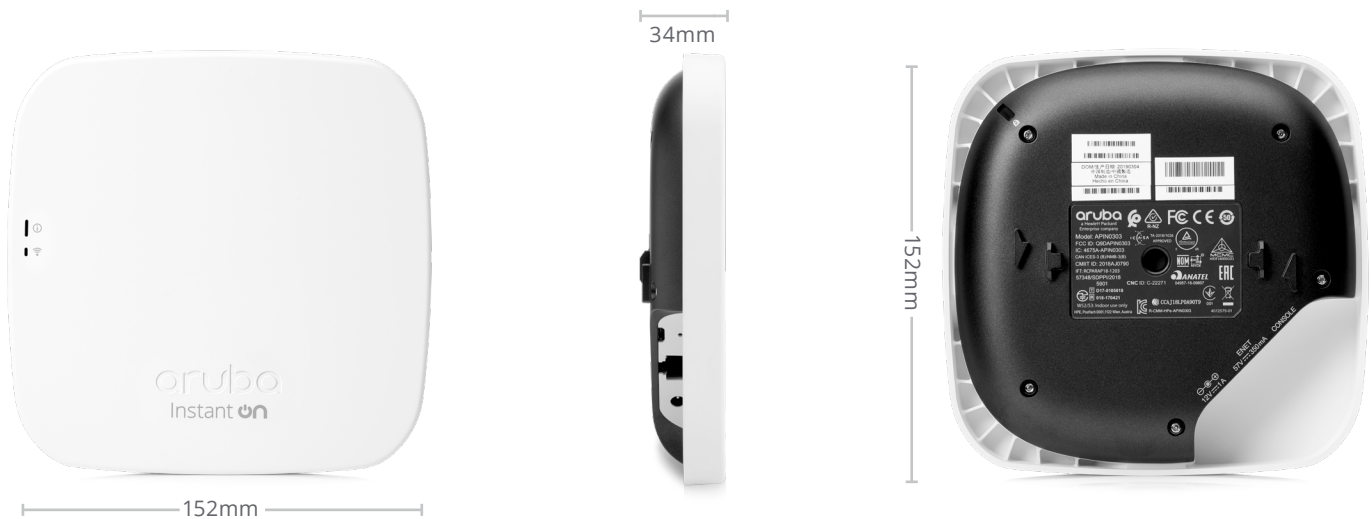
Every customer has different environment. They might want to authenticate with the ISP's PPPoE server and provide static IP to the APs.

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 Aruba Instant On 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.



TECHNICAL SPECIFICATIONS

IN THE BOX

Aruba Instant On AP11 Indoor Access Point

Aruba Instant On AP11 Quick Start guide

Ceiling rail mount clip

Ethernet cable

Solid surface mount clip

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, with PoE-in support (802.3af)

DC power connector (12V)

Bluetooth Low Energy (BLE) radio

LED status indicators (2)

Reset/LED control button

Kensington security slot

PHYSICAL SPECIFICATIONS

152mm x 152mm x 34mm, excluding mount accessories

Weight: 193g

POWER

Power over Ethernet (POE): 802.3af (class 3)

Max power consumption (worst-case): 10.1W (PoE), 8.8W (DC)

DC power (12V)

Note: Power sources are sold separately

ANTENNAS

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

ENVIRONMENTAL & RELIABILITY

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

MTBF: 795khrs (91yrs) 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](https://portal.aruba.com)

WARRANTY & SUPPORT

Aruba Instant On 2-year* warranty includes 24x7 phone support for the first 90 days and chat support for the entire warranty period. Community support is for 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).

*2-year warranty applies to APs with "power-on date" on or after June 15, 2021, otherwise warranty duration is 1 year.

ORDERING INFORMATION

Aruba Instant On Indoor AP11 Access Points

| Part Number Points | Description | Comments |
|----------------------|---|--|
| R2W95A | Aruba Instant On AP11 (US) 2x2 11ac Wave2 Indoor Access Point | Add PoE or DC Power Source |
| R2W96A | Aruba Instant On AP11 (RW) 2x2 11ac Wave2 Indoor Access Point | Add PoE or DC Power Source |
| R2W97A | Aruba Instant On AP11 (EG) 2x2 11ac Wave2 Indoor Access Point | Add PoE or DC Power Source |
| R2W98A | Aruba Instant On AP11 (IL) 2x2 11ac Wave2 Indoor Access Point | Add PoE or DC Power Source |
| R2W99A | Aruba Instant On AP11 (JP) 2x2 11ac Wave2 Indoor Access Point | Add PoE or DC Power Source |
| R3J21A | Aruba Instant On AP11 Access Point and PSU Bundle US | |
| R3J22A | Aruba Instant On AP11 Access Point and PSU Bundle EU | |
| R6K61A | Aruba Instant On AP11 PSU BDL WWBase | |
| R6K61A#AC3 | Aruba Instant On AP11 12V PSU Bundle (No Loc) | |
| R6K61A#A1X | Aruba Instant On AP11 with 12V PSU Bundle (CL) | |
| R6K61A#ABG | Aruba Instant On AP11 with 12V PSU Bundle (AU) | |
| R6K61A#AC4 | Aruba Instant On AP11 with 12V PSU Bundle (BR) | |
| R6K61A#AC6 | Aruba Instant On AP11 with 12V PSU Bundle (KR) | |
| R6K61A#ACC | Aruba Instant On AP11 with 12V PSU Bundle (UK) | |
| R6K61A#ACD | Aruba Instant On AP11 with 12V PSU Bundle (CH) | |
| R6K61A#ACE | Aruba Instant On AP11 with 12V PSU Bundle (DK) | |
| R6K61A#ACJ | Aruba Instant On AP11 with 12V PSU Bundle (IN) | |
| R6K61A#ACQ | Aruba Instant On AP11 with 12V PSU Bundle (ZA) | |
| R6K61A#AKL | Aruba Instant On AP11 with 12V PSU Bundle (TH) | |
| R6K61A#AKM | Aruba Instant On AP11 with 12V PSU Bundle (CN) | |
| R6K61A#ARB | Aruba Instant On AP11 with 12V PSU Bundle (TW) | |
| R6K61A#ARE | Aruba Instant On AP11 with 12V PSU Bundle (MY) | |
| R6K61A#ARM | Aruba Instant On AP11 with 12V PSU Bundle (AR) | |
| R6K61A#ABA | Aruba Instant On AP11 with 12V PSU Bundle (CA) | |
| Power Options | | |
| R3X85A | Aruba Instant On 12V/36W Power Adapter | Add AC power cord |
| R8W31A | Aruba Instant On 15.4W 802.3af PoE Midspan Injector | Add AC power cord <i>This Injector for Indoor Installation Only</i> |

ORDERING INFORMATION

Aruba Instant On Indoor AP11 Access Points

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 | | |
| JW044A | Instant On AP Ceiling Rail Mount Kit | Spare for what ships with AP11 |
| Q9U25A | Instant On AP Low Profile Basic Mount Kit | Spare for what ships with AP11 |