aruba
Instant On

Aruba Instant On AP17

Wi-Fi designed with small businesses in mind

Perfect for patios, pool areas and shipping docks.

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

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 with 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.

67mm

156mm

TECHNICAL SPECIFICATIONS

IN THE BOX

Aruba Instant On AP17 Access Point

Aruba Instant On AP17 Quick Start Guide

Cable gland

Wall mount bracket (solid surface)

M4X6 screw

M6X45 screw

Copper lug

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

10/100/1000 BASE-T Ethernet (RJ45)

Bluetooth Low Energy (BLE) radio

LED status indicator

Reset button

PHYSICAL SPECIFICATIONS

156mm x 67mm x 187mm, excluding mount accessories

Weight: 650g

POWER

Power over Ethernet (PoE): 802.3af power consumption 13.5W max

ANTENNAS

Two dual-band omni- directional antennas (4.7 dBi gain at 2.4 GHz, 4.2 dBi gain at 5 GHz)

MOUNTING

The access point ships with a mount bracket, can be mounted on the wall or a pole

COMPLIANCE AND SAFETY

IEC 60950/62368 CB

UL2043 for air-handling space (plenum rating)

ENVIRONMENTAL & RELIABILITY

IP55 Enclosure

Operating Temperature: -40° C to +50° C (-40° F to +122° F)

MTBF: 300khrs (34yrs) at +25° C

INDUSTRY CERTIFICATIONS

WPA2, WPA3

Wi-Fi Alliance certified (WFA) 802.11ac Wave 2 (Wi-Fi5)

MANAGEMENT OPTIONS

Instant On mobile application (Android & iOS)

Cloud Portal: Portal.ArubaInstantOn.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 SKU is HK1Y0E.

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

Aruba Instant On Outdoor AP17 Access Points

Part Numbers	Description	Comments
R2X10A	Aruba Instant On AP17 (US) 2x2 11ac Wave2 Outdoor Access Point	Add PoE or DC Power Source
R2X11A	Aruba Instant On AP17 (RW) 2x2 11ac Wave2 Outdoor Access	Add PoE or DC Power Source
R2X12A	Aruba Instant On AP17 (EG) 2x2 11ac Wave2 Outdoor Access Point	Add PoE or DC Power Source
R2X13A	Aruba Instant On AP17 (IL) 2x2 11ac Wave2 Outdoor Access Point	Smart Mesh is not supported on 5 GHz radio for this SKU, this AP needs a wired connection to the main Instant On network. The Israel (IL) Regulatory Domain does not allow outdoor WLAN on any channels in the 5GHz frequency band.
R2X14A	Aruba Instant On AP17 (JP) 2x2 11ac Wave2 Outdoor Access Point	Add PoE or DC Power Source
R3R57A	Aruba ION-MNT-OTDR Instant On Outdoor Bracket	
Power Options		
R2X22A	Aruba Instant On 15.4W 802.3af PoE Midspan Injector	Add AC power cord *This Injector for Indoor Installation Only*
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	

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