

# Aruba Instant On AP12 (US) 3x3 11ac Wave2 Indoor Access Point (R2X00A)



---

## What's new

- Entry-level wireless access points for small and growing businesses at a cost-sensitive price point.
- Comes with an integrated virtual controller for simple deployment of multiple access points.
- Support for WPA2/WPA3 protected employee and guest login with Enhanced Open for per user guest access.

## Overview

Aruba Instant On AP12 Indoor Access Points deliver affordable, business-grade Wave 2 802.11ac Wi-Fi for low to medium-density small business environments. Business-grade capabilities are designed to meet the mobile, IoT and security needs of small boutiques, tech-start-ups, and retailers at an attractive price point.

The compact form factor of the Aruba Instant On AP12 Indoor Access Points deliver multi-user capabilities and a maximum aggregate peak data rate of 1.6 Gbps for high-definition video streaming and cloud application requirements. These access points (AP)

also come with a built-in controller to simplify deployment, making it easy to install and manage multiple access points without requiring extensive IT experience, additional hardware, or software applications.

## Features

### **Fast Connectivity with 802.11ac Wave 2 Access Points**

Aruba Instant On AP12 Indoor Access Points include an easy to use web GUI and templates – so access points are simple to deploy and are up and running in minutes.

802.11ac Wave 2 features include 3x3:3SS and up to 80 MHz channel bandwidth.

Dual-band wireless (2.4GHz and 5GHz) for combined speeds of up to 1.6Gbps support high-bandwidth activities such as video, voice, and conferencing solutions.

Aruba Instant On AP12 Indoor Access Points allow any change to the primary access point configuration to be automatically pushed to every access point in the same cluster.

A secondary access point automatically takes over if the primary access point experiences an outage for always-on Wi-Fi.

### **Eliminates High Cost of Cabling with Full-scale Wireless Mesh Coverage**

Aruba Instant On AP12 Indoor Access Points have built-in wireless mesh capabilities to cost-effectively extend Wi-Fi connectivity without additional cables.

Conveniently expands your network to hard-to-wire areas – nearly getting rid of spotty connections and dead zones, to provide Wi-Fi where you need it.

### **Safeguard Sensitive Data with WPA2/WPA3 and Enhanced Open**

Aruba Instant On AP12 Indoor Access Points come with integrated Wi-Fi Alliance security standard WPA2/WPA3 and Enhanced Open support for protected wireless access.

Create up to eight different SSIDs under one network name to keep your data safe, whether surfing the web or checking HR data.

### **Simplicity is the Key to a Great Wi-Fi Experience**

The Aruba Instant On AP12 Indoor Access Points are built with premium hardware and software quality that's as reliable and coming from a trusted vendor.

Effortless set-up right out of the box – in the palm of your hand.

The Aruba Instant On portfolio comes with flexible management options to choose from: The Aruba Instant On mobile app guides you through step-by-step from initial set-up to ongoing management.

Ideal for small and growing businesses like cafés, retail stores or professional offices, and other Wi-Fi hotspots.

Simple to build landing page lets you customize your guest access page with your logo, your own brand, and acceptance of use language.

## Technical specifications

## Aruba Instant On AP12 (US) 3x3 11ac Wave2 Indoor Access Point

<b>Product Number</b>	R2X00A
<b>Differentiator</b>	Aruba Instant On AP12 Indoor Access Points offer a reliable, affordable, and business-grade Wave 2 802.11ac Wi-Fi experience for low- to medium-density small business environments like design firms, cafés, or restaurants. These cost-effective access points have a peak data rate of 1.6 Gbps and scale up to 25 access points without additional cost and complexity. Regulatory domain of US.
<b>Certifications</b>	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)
<b>Input voltage</b>	Power over Ethernet (POE): 802.3af (class 3) DC power (12V) Note: Power sources are sold separately
<b>Wi-Fi antenna</b>	Integrated downtilt omni-directional antennas with maximum individual antenna gain of 3.9dBi in 2.4GHz and 5.4dBi in 5GHz
<b>Connectivity, standard</b>	IEEE 802.11ac, 802.11n
<b>Ports</b>	(1) uplink Gigabit Ethernet port, with POE-in support (802.3af)
<b>Mounting</b>	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).
<b>Radio coverage</b>	Dual Radio for simultaneous dual-band operation 5 GHz 802.11ac 3x3 MIMO for up to 1,300 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)
<b>Warranty</b>	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.
<b>Product dimensions (metric)</b>	34 x 157 x 157 mm
<b>Weight</b>	483 g

For additional technical information, available models and options, please reference the QuickSpecs

## HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: [arubanetworks.com/services/](https://arubanetworks.com/services/)



## Support Services from HPE Aruba Networking

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

## Professional Services from HPE Aruba Networking

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

### Project based services

#### include:

- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer

### Annual subscription services include:

- Network optimization
- Intelligent Operations
- Customer Experience Management

Make the right purchase decision. Contact our presales specialists.

[Find a partner](#)



Chat now (sales)



Call now



Buy now



Share now



Get updates

Our [Education Services](#) allow your team to come up to speed quickly.

## HPE Aruba Networking Network as-a-Service (NaaS)

Our NaaS solution, HPE Aruba Networking Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from HPE Aruba Networking [here](#).

© Copyright 2024 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product  
PSN1011600003TWEN, February, 2024.