a Hewlett Packard Enterprise company

Aruba Instant On AP11D (RW) 2x2 11ac Wave2 Desk/Wall Access Point (R2X16A)

WLAN Access Points

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 and flexible deployment of multiple access points.
- Support for WPA2/WPA3 secure employee and guest login with

Overview

Aruba Instant On AP11D Desk/Wall Access Points deliver affordable, business-grade Wave 2 802.11ac Wi-Fi for low- to medium-density small business environments requiring high performance and bandwidth. The Aruba Instant On AP11D desk/wall access points are a perfect choice for delivering in-room Wi-Fi connectivity in hospitality locations like hotel guest rooms, medical clinics, and Airbnb located

Enhanced Open for per user guest access.

- Can be mounted to a standard data wall box or converted to a desktop access point (AP) using optional mounting kit, making it simple to support the most demanding in-room connectivity requirements.

in the same premises as your main network.

The compact form factor of the Aruba Instant On AP11D delivers multi-user capabilities to support high-definition video streaming and cloud application requirements.

These access points 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 and Secure Connectivity with 802.11ac Wave 2 Access Points that is Simple to Deploy

Aruba Instant On AP11D Desk/Wall 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 2x2:2SS and up to 80 MHz channel bandwidth.

Maximum concurrent data rates of 867Mbps in the 5Ghz band and 300Mbps in the 2.4Ghz band to support high-bandwidth activities such as video, voice, and conferencing solutions.

Aruba Instant On AP11D Desk/Wall Access Points allow any change to the primary AP configuration is automatically pushed to every AP in the same cluster.

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

Simplicity is the Key to a Great Wi-Fi Experience

The Aruba Instant On AP11D Desk/Wall Access Points are built with premium hardware and software quality that's as reliable as 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 single or distributed small business sites like boutique hotels, medical clinics, Airbnb, and other Wi-Fi hotspots.

Simple to build landing page that allows you to customize your guest access page with your own brand and logo.

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

Aruba Instant On AP11D Desk/Wall Access Points have built-in wireless mesh capabilities to cost-effectively extend Wi-Fi connectivity, without additional cables.

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

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Safeguard Sensitive Data with WPA2/WPA3 and Enhanced Open

Aruba Instant On AP11D Desk/Wall Access Points comes with integrated Wi-Fi Alliance WPA2/WPA3 security standard 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.

Technical specifications

Aruba Instant On AP11D (RW) 2x2 11ac Wave2 Desk/Wall Access Point

Product Number	R2X16A
Differentiator	Aruba Instant On AP11D Desk/Wall Access Points offer a reliable, affordable, and business-grade Wave 2 802.11ac Wi-Fi experience for low- to medium-density small business environments requiring enhanced security and high performance like medical clinics, SOHO, or Airbnb. These cost-effective access points are ideal for small businesses scaling up to 25 access points without additional cost and complexity. Regulatory domain of Rest of World.
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)
Input voltage	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): no restrictions Power sources are sold separately.
Wi-Fi antenna	Integrated directional antennas with maximum individual antenna gain of 4.3dBi in 2.4GHz and 6.2dBi in 5GHz.
Connectivity, standard	IEEE 802.11ac, 802.11n
Ports	(1) uplink Gigabit Ethernet port (E0), with POE-in support (802.3at/802.3af) (3) downlink Gigabit Ethernet ports (E1-E3), with POE-out on E3 (802.3af)
Mounting	The access point ships with single gang wall-box mount kit and desk mount kit.
Radio coverage	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)
Warranty	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.
Product Dimensions (metric)	150 x 86 x 40 mm
Weight	313 g

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Aruba Global Services

Aruba Global Services simplifies and accelerates 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 Aruba Global Services has to offer at: arubanetworks.com/services/

Support Services from Aruba

Support services reduce complexity and increase your team's productivity, ensuring you keep pace with technology advances and software releases, and obtain break-fix support required to keep your network running. Access to premium services means you have the right help at the right time.

Professional Services from Aruba

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 Aruba technology.

QuickStart Services include:

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

Proactive Engineering Services include:

- Intelligent Operations
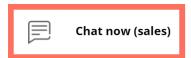- Customer Experience Management
- Network optimization

Our **Education Services** allow your team to come up to speed quickly.
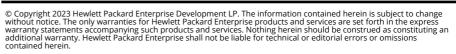
Aruba Network as-a-Service (NaaS)

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

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