

# HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (RW) AP22 (R4W02A)



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## What's new

- Wi-Fi 6 for high performance and efficiency.
- Supports up to 75 associated clients per radio.
- Support for WPA2/WPA3 protected employee and guest login with Enhanced Open for per user guest access.

## Overview

Aruba Instant On AP22 Indoor Access Points deliver affordable, business-grade 802.11ax Wi-Fi for high performance, high density small business environments. Business-grade capabilities are designed to meet the growing number of mobile, IoT, and security needs. The compact form factor of the Aruba Instant On AP22 Indoor Access Points (AP) delivers multi-user capabilities and a maximum aggregate peak data rate of 1.2 Gbps for high-definition video streaming and cloud

application requirements. 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.

## Features

### **Incredible Efficiency with Wi-Fi 6**

Aruba Instant On AP22 Indoor Access Points include an easy-to-use web GUI and templates – access points are simple to deploy and are up and running in minutes.

Aruba Instant On AP22 Indoor Access Points support the Wi-Fi 6 standard, including features such as orthogonal frequency-division multiple access (OFDMA) and bi-directional Multi-User MIMO (MU-MIMO).

Aruba Instant On AP22 Indoor Access Points support features Target Wake Time (TWT) that help establish a schedule when clients need to communicate with an AP.

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

Aruba Instant On AP22 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 eliminating spotty connections and dead zones, providing Wi-Fi where you need it.

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

Aruba Instant On AP22 Indoor Access Points come with integrated Wi-Fi Alliance security standard WPA2/WPA3 and Enhanced Open support for protected wireless access.

Aruba Instant On AP22 Indoor Access Points come with integrated router, gateway, and firewall functionality.

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

Block undesired applications and websites with greater traffic visibility without the need for any external gateway or additional costs – the control is at your fingertips.

### **Creates a Custom Guest Access Experience**

Aruba Instant On AP22 Indoor Access Points are ideal for single or distributed small business sites such as graphic design firms, cafés, restaurants, and other Wi-Fi hotspots.

Simple to build landing page allows customization of your guest access page with your own brand and logo.

Gain insights into customers with third party captive portal integration with partners like Skyfii, Purple, Aislelabs, and Wavespot.

Instant On supports Facebook Wi-Fi, so when people access the Wi-Fi at your locations, they are redirected through your business' Facebook page.

## Technical specifications

## HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (RW) AP22

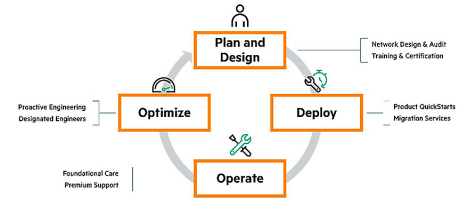
<b>Product Number</b>	R4W02A
<b>Differentiator</b>	Aruba Instant On AP22 Indoor Access Points offer a reliable, affordable, and business-grade 802.11ax Wi-Fi experience for high performance, high-density small business environments like hotels, restaurants, and professional offices. Supporting Wi-Fi 6 standard, these access points have a peak data rate of 1.2 Gbps and scale up to 25 access points, without additional cost and complexity. For use in those countries and regions where no specific regulatory domain is required.
<b>Certifications</b>	EN 60601-1-1 and EN 60601-1-2 (for deployment in medical environments) Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
<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 down-tilt omni-directional antennas for 2x2 MIMO with peak antenna gain of 4.3dBi in 2.4GHz and 5.6dBi in 5GHz (of the effective, combined pattern for both antennas in each band).
<b>Connectivity, standard</b>	IEEE 802.11ax
<b>Ports</b>	(1) uplink Gigabit Ethernet port, with POE-in support (802.3af)
<b>Mounting</b>	The access point ships with a white mount clip that can attach to both wall and ceiling. You can also purchase a mount (R6P90A) that matches the aesthetic design and looks of the APs, to blend seamlessly into your environment.
<b>Power consumption</b>	Max power consumption (worst-case): 10.1W (PoE), 8.8W (DC)
<b>Radio coverage</b>	Dual Radio for simultaneous dual-band operation 5 GHz 802.11ax 2x2 MIMO for up to 1.2 Gbps wireless data rate, with Multi User MIMO support (Wi-Fi 6) 2.4 GHz 802.11ax 2x2 MIMO for up to 574 Mbps wireless data rate (Wi-Fi 6)
<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 (imperial)</b>	1.5 x 6.3 x 6.3 in
<b>Weight</b>	1.1 lb

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:** **Annual subscription services include:**

- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer
- Network optimization
- Intelligent Operations
- Customer Experience Management

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](#).

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