

# HPE Networking Instant On Access Points AP22

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



## What's new

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

## Overview

HPE Networking Instant On Access Points AP22 delivers 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 AP22 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**

HPE Networking Instant On Access Points AP22 includes an easy-to-use web GUI and templates; access points are simple to deploy and are up and running in minutes.

HPE Networking Instant On Access Points AP22 supports the Wi-Fi 6 standard, including features such as orthogonal frequency-division multiple access (OFDMA) and bi-directional MIMO (MIMO).

HPE Networking Instant On Access Points AP22 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**

HPE Networking Instant On Access Points AP22 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**

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

HPE Networking Instant On Access Points AP22 comes 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**

HPE Networking Instant On Access Points AP22 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.

Technical specifications		HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (RW) AP22
<b>Product Number</b>	R4W02A	
<b>Differentiator</b>	<p>In the Box:</p> <ul style="list-style-type: none"> <li>HPE Networking Instant On Access Point</li> <li>Quick Start guide</li> <li>Combined ceiling and wall rail mount clip</li> <li>Ethernet cable</li> </ul> <p>Add PoE or DC power source</p> <p>For use in those countries and regions where no specific regulatory domain is required.</p>	
<b>Wi-Fi antenna</b>	<p>Antennas: Down-tilt Dual Omni-directional 2x2 MIMO</p> <p>Antenna Gain: 4.9 dBi in 2.4 GHz 5.7 dBi in 5 GHz</p> <p>Maximum transmit power:</p> <ul style="list-style-type: none"> <li>5 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain)</li> <li>2.4 GHz band: +20 dBm (+17 dBm per chain, 3 dB MIMO gain)</li> </ul>	
<b>Certifications</b>	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3	
<b>Warranty</b>	Instant On 2-year warranty with 24X7 phone support for first 90 days and chat support for the entire <a href="#">warranty period</a> . Community support as long as you own the products.	
<b>Weight</b>	500 g	
<b>Product dimensions</b>	37x 160 x 160 mm	
<b>Input voltage</b>	<p>Power over Ethernet (PoE): 802.3af (class 3) DC power (12V)</p> <p>Note: Power sources are sold separately unless you purchase the bundle SKU</p>	
<b>Connectivity, standard</b>	Ultra-fast 802.11ax	
<b>Ports</b>	1 GbE BaseT Uplink DC Power Connector Bluetooth Low Energy (BLE) LED status Indicators Reset/LED control button Kensington security slot.	
<b>Mounting</b>	Ceiling/Wall-mount clip	
<b>Power consumption</b>	Max power consumption: 10.1W (PoE), 8.8W (DC)	
<b>Radio coverage</b>	<p>Dual-radio 802.11ax</p> <p>2x2 5 GHz/2.4 GHz MIMO</p>	

# HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

## Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

## Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

## Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

## Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

## HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

## **GreenLake**

[GreenLake](#) is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

- Streamline IT Operations across compute, storage, and networking without the chaos
- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

[For additional technical information, available models and options, please reference the QuickSpecs](#)

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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.

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