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

Product Number	R4W02A
Differentiator	In the Box: HPE Networking Instant On Access Point Quick Start guide Combined ceiling and wall rail mount clip Ethernet cable Add PoE or DC power source For use in those countries and regions where no specific regulatory domain is required.
Certifications	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
Input voltage	Power over Ethernet (PoE): 802.3af (class 3) DC power (12V) Note: Power sources are sold separately unless you purchase the bundle SKU
Wi-Fi antenna	Antennas: Down-tilt Dual Omni-directional 2x2 MIMO Antenna Gain: 4.9 dBi in 2.4 GHz 5.7 dBi in. 5 GHz Maximum transmit power: 5 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain) 2.4 GHz band: +20 dBm (+17 dBm per chain, 3 dB MIMO gain)
Connectivity, standard	Ultra-fast 802.11ax
Ports	1 GbE BaseT Uplink DC Power Connector Bluetooth Low Energy (BLE) LED status Indicators Reset/LED control button Kensington security slot.
Mounting	Ceiling/Wall-mount clip
Power consumption	Max power consumption: 10.1W (PoE), 8.8W (DC)
Radio coverage	Dual-radio 802.11ax 2x2 5 GHz/2.4 GHz MIMO
Warranty	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)	37x 160 x 160 mm
Weight	500 g

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: https://www.hpe.com/edge/services

Support Services

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

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

Our Education Services allow your team to come up to speed quickly.

HPE GreenLake for Networking

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

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