ARU-IO-SW196048G-600W

HP Instant On AP22 (RW) Access Point

Product Overview

HP R4W02A Instant On AP22 (RW) Access Point, Power over Ethernet (PoE), 1x Uplink Gigabit Ethernet Port, 5 GHz 802.11ax 2x2 MIMO for up to 1.2 Gbps Wireless Data rate, 2.4 GHz 802.11ax 2x2 MIMO for up to 574 Mbps Wireless Data rate







Specifications

Overview:

Aruba Instant On AP22 (RW) 2x2 Wi-Fi 6 Indoor Access Point
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.

SKU #R4W02A

Features:

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.

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, cafes, 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.

Specifications:

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Specifications	
Product Code	ARU-IO-SW196048G-600W
Certifications	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

Input voltage	Power over Ethernet (POE): 802.3af (class 3)
	DC power (12V)
	Note: Power sources are sold separately
Wi-Fi antenna	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).
Connectivity, standard	IEEE 802.11ax
Ports	(1) uplink Gigabit Ethernet port, with POE-in support (802.3af)
Mounting	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.
Power consumption	Max power consumption (worst-case): 10.1W (PoE), 8.8W (DC)
Radio coverage	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)
Differentiator	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.
Weight	1.1 lb
Weight	500 g
Dimensions	1.5 x 6.3 x 6.3 in
Dimensions	37x 160 x 160 mm

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/ARU-IO-SW196048G-600W-HP-Instant-On-AP22-RW-Access-Point-p-284684.php

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