Aruba IAP-305 (RW) 802.11n/ac Dual 2x2:2/3x3:3 MU-MIMO Radio Integrated Antenna Instant AP (JX945A)

Wireless Devices

Overview

The entry-level Aruba 300 Series Access Points (APs) deliver high performance and superb user experience for medium density environments. The 300 series APs enable an all wireless digital work environment in a cost effective manner.

With a maximum concurrent data rate of 1,300 Mbps in the

5GHz band and 400 Mbps in the 2.4GHz band, the entry-level 300 series bring an always-on wireless network experience with the performance required for enterprises. It is ideal for cost sensitive medium density environments across verticals.

Features

Entry Level 802.11ac Wave 2 Access Points

The Aruba 300 Series Access Points deliver high performance and superb user experience for medium density environments.

Features 3x3:3SS MU-MIMO capability, Aruba advanced ClientMatch radio management, and integrated Aruba Beacons.

Maximum concurrent data rate of 1,300 Mbps in the 5GHz band and 400 Mbps in the 2.4GHz band (for an aggregate peak data rate of 1.7Gbps).

Supports multiuser MIMO (MU-MIMO) and 3 spatial streams (3SS). Provides simultaneous data transmission to multiple devices (up to two), maximizing data throughput and improving network efficiency.

Intelligent Power Monitoring

For the Aruba 300 Series Access Points, the IPM power-save feature applies when the unit is powered by an 802.3af PoE source.

By default, the USB interface will be the first feature to turn off if AP power consumption exceeds the available power budget.

Threat Protection and Security

The Aruba 300 Series Access Points feature integrated wireless intrusion protection offers threat protection and mitigation, and eliminates the need for separate RF sensors and security appliances.

IP reputation and security services identify, classify, and block malicious files, URLs and IPs, providing comprehensive protection against advanced online threats.

Integrated Trusted Platform Module (TPM) for secure storage of credentials and keys.

Technical specifications

Aruba IAP-305 (RW) 802.11n/ac Dual 2x2:2/3x3:3 MU-MIMO Radio Integrated Antenna Instant AP

Product Number (SKU)	JX945A
Differentiator	Entry-level 802.11n/ac, 2x2:2/3x3:3 MU-MIMO dual radio access point with ClientMatch to boost network efficiency. Built-in migration path allows it to become part of a WLAN managed by a Mobility Controller. Integrated Bluetooth beacon. Integrated wireless antenna.This SKU is for rest-of-world countries not given a specific regulatory domain.
Ports	(1) 10/100/1000 PoE port
Connectivity, standard	IEEE 802.11 a/b/g/n/ac
Power Consumption	Direct DC source: 12VDC nominal, +/- 5% Power over Ethernet (PoE): 48 VDC(nominal)

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HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

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- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.

- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.

- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

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Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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