

ARUBA IAP-305 (RW) 802.11N/AC DUAL 2X2:2/3X3:3 MU-MIMO RADIO INTEGRATED ANTENNA INSTANT AP (JX945A)

WLAN Access Points



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

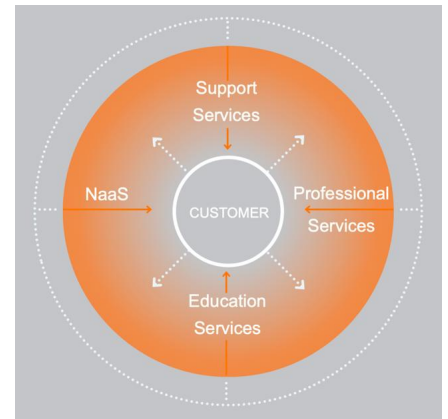
Product Number (SKU)	JX945A
Differentiator	Entry-level 802.11n/ac, 2x2:2/3x3:3 MU-MIMO dual radio access point with ClientMatch to boost network efficiency. Built-in migration path allows it to become part of a WLAN managed by a Mobility Controller. Integrated Bluetooth beacon. Integrated wireless antenna. 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)

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

ARUBA GLOBAL SERVICES

Aruba Global Services simplifies and accelerates 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.

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- Planning, audit and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer

Proactive Engineering Services include:

- Intelligent Operations
- Customer Experience Management
- Network optimization

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

Aruba Network as-a-Service (NaaS)

Our NaaS solution, Aruba Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your Aruba network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from Aruba [here](#).

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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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