JW327A Datasheet

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Overview

JW327A is the Aruba Instant IAP-325 (US) 802.11n/ac Dual 4x4:4 MU-MIMO Radio Integrated Antenna AP. Multifunctional 320 series wireless APs provide the best 802.11ac Wi-Fi connectivity and user experience. Featuring Aruba enhanced ClientMatch and Aruba Beacon technologies, the 320 series enables the highest capacity, performance, and efficiency in extremely high density environments.

Quick Spec

Table 1 shows the quick spec.

SKU	JW327A
Product Model	Aruba Instant IAP-325 (US) 802.11n/ac Dual 4x4:4 MU-MIMO Radio Integrated Antenna AP
Wireless LAN Standard	IEEE 802.11ac
Frequency Band	5 GHz 2.40 GHz
Antennas	8 Internal Antennas
Wireless Transmission Speed	2.50 Gbit/s
Form Factor	Wall Mountable Ceiling Mountable
Dimension (H × W × D)	2.2" × 8" × 8"

Product Details

The benefits of Aruba AP-325 include:

• Dual radio 4x4 802.11ac access point with multi-user MIMO

- Supports up to 1,733 Mbps in the 5 GHz band (with 4SS/VHT80 clients) and 600 Mbps in the 2.4 GHz band (with 4SS/HT40 clients).

• Built-in Bluetooth Low-Energy (BLE) radio

- Enables location based services with BLE-enabled mobile devices receiving signals from multiple Aruba Beacons at the same time. - Simplifies battery-powered Aruba beacon management.

• Advanced Cellular Coexistence (ACC)

- Minimizes interference from 3G/4G cellular networks, distributed antenna systems, and commercial small cell/femtocell equipment.

• Quality of service for unified communication apps

- Supports priority handling and policy enforcement for unified communication apps, including Microsoft Skype for Business with encrypted videoconferencing, voice, chat, and desktop sharing.

• RF Management

- Adaptive Radio Management (ARM) technology automatically assigns channel and power settings, provides airtime fairness, and ensures that APs stay clear of all sources of RF interference to deliver reliable, high-performance WLANs.

- The Aruba 320 Series Access Points can be configured to provide part-time or dedicated air monitoring for spectrum analysis and wireless intrusion protection, VPN tunnels to extend remote locations to corporate resources, and wireless mesh connections where Ethernet drops are not available.   Spectrum analysis

- Capable of part-time or dedicated air monitoring, the spectrum analyzer remotely scans the 2.4 GHz and 5 GHz radio bands to identify sources of RF interference.

• Intelligent app visibility and control

- AppRF technology leverages deep packet inspection to classify and block, prioritize, or limit bandwidth for thousands of applications in a range of categories.

• Security

- 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.

- SecureJack-capable for secure tunneling of wired Ethernet traffic.

Compare to Similar Item

Table 2 shows the comparison.

SKU	JW186A	JW327A
Product Model	Aruba AP-325 802.11n/ac 4x4:4 MU-MIMO Dual Radio Integrated Antenna AP	Aruba Instant IAP-325 (US) 802.11n/ac Dual 4x4:4 MU-MIMO Radio Integrated Antenna AP
Wireless LAN Standard	IEEE 802.11ac	IEEE 802.11ac
Frequency Band	5 GHz 2.40 GHz	5 GHz 2.40 GHz
Antennas	8 Internal Antennas	8 Internal Antennas
Wireless Transmission Speed	2.50 Gbit/s	2.50 Gbit/s
Form Factor	Wall Mountable Ceiling Mountable	Wall Mountable Ceiling Mountable

Get more information

Do you have any question about the Aruba JW327A?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

JW327A Specification	
General Information	
Product Name	Aruba Instant IAP-325 (US) 802.11n/ac Dual 4x4:4 MU-MIMO Radio Integrated Antenna AP
Manufacturer Part Number	JW327A
Product Series	320
Product Model	AP-325
Product Type	Wireless Access Point
Technical Information	
Wireless LAN Standard	IEEE 802.11ac
Frequency Band	5 GHz 2.40 GHz
Total Number of Antennas	8
Number of Internal Antennas	8
Wireless Transmission Speed	2.50 Gbit/s
MIMO Technology	Yes
Beamforming Technology	Yes
Interfaces/Ports	
Ethernet Technology	Gigabit Ethernet

Number of Network (RJ-45) Ports	2
PoE (RJ-45) Port	No
PoE PD Port	Yes
VGA	No
HDMI	No
USB	Yes
Powerline	No
Management Port	Yes
Physical Characteristics	
Form Factor	Wall Mountable Ceiling Mountable
Dimension (H × W × D)	2.2" × 8" × 8"

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