

Aruba Instant On AP17 (US) 2x2 11ac Wave2 Outdoor Access Point (R2X10A)



What's new

- Entry-level wireless access points for small and growing businesses at a cost-sensitive price point.
- Comes with an integrated virtual controller for simple deployment of multiple access points.
- Support for WPA2/WPA3 employee and guest login with Enhanced Open for per user guest access.

Overview

Aruba Instant On AP17 Outdoor Access Points deliver affordable, business-grade Wave 2 802.11ac Wi-Fi for medium-density small business environments requiring high performance and bandwidth. The weather-proof Aruba Instant On AP17 Outdoor Access Points are designed to deliver high-performance network coverage to outdoor and environmentally challenging locations like smaller manufacturing units and open-air restaurants. Enjoy stronger Wi-Fi strength even in the pool and patio area of your space. The compact form factor of the Aruba Instant On AP17 Outdoor Access Points deliver reliable and affordable

multi-user capabilities and an aggregate peak data rate of 2 Gbps to support high-definition video streaming and cloud application requirements. These access points (AP) also come with a built-in controller to simplify deployment, making it easy to install and manage multiple access points without requiring extensive IT experience, additional hardware, or software applications.

Features

Fast Connectivity with 802.11ac Wave 2 Access Points that is Simple to Deploy

Aruba Instant On AP17 Outdoor Access Points include an easy to use web GUI and templates so access points are up and running in minutes.

802.11ac Wave 2 features include 4x4:4SS and up to 160 MHz channel bandwidth.

Dual-band wireless (2.4GHz and 5GHz) for combined speeds of up to 2Gbps support high-bandwidth activities such as video, voice, and conferencing solutions.

Aruba Instant On AP17 Outdoor Access Points allow for any change to the primary AP configuration to be automatically pushed to every AP in the same cluster.

A secondary AP automatically takes over if the primary AP experiences an outage for always-on Wi-Fi.

Eliminates High Cost of Cabling with Full-Scale Wireless Mesh Coverage

Aruba Instant On AP17 Outdoor Access Points feature built-in wireless mesh capabilities to cost-effectively extend Wi-Fi connectivity without additional cables.

Conveniently expands your network to hard-to-wire areas and 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 AP17 Outdoor Access Points come with integrated Wi-Fi Alliance security standard WPA2/WPA3 and Enhanced Open support for protected wireless access.

Create up to eight different SSIDs under one network name to keep your data safe, whether surfing the web or checking HR data.

Simplicity is the Key to a Great Wi-Fi Experience

The Aruba Instant On AP17 Outdoor Access Points are built with premium hardware and software quality that's reliable and comes from a trusted vendor.

Effortless set-up right out of the box – in the palm of your hand.

The Aruba Instant On portfolio comes with flexible management options to choose from: The Aruba Instant On mobile app guides you through step-by-step from initial set-up to ongoing management.

Aruba Instant On AP17 Outdoor Access Points are designed for single or distributed small businesses sites such as tech start-ups, graphic design firms, cafés, restaurants, and other Wi-Fi hotspots.

Simple to build landing page lets you customize your guest access page with your logo, your own brand, and acceptance of use language.

Technical specifications

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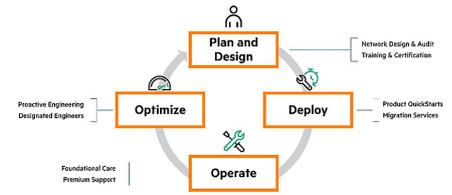
Product Number	R2X10A
Differentiator	Aruba Instant On AP17 Outdoor Access Points offer a reliable, affordable, and business-grade Wave 2 802.11ac Wi-Fi experience for small business environments requiring high performance like smaller manufacturing units and open air restaurants. These cost-effective access points are ideal for small businesses, scaling up to 25 access points without additional cost and complexity. Regulatory domain of US.
Certifications	WPA2 ,WPA3 ,Enhanced Open (OWE) Wi-Fi Alliance certified (WFA) 802.11ac Wave 2 (Wi-Fi5)
Input voltage	Power over Ethernet (PoE): 802.3af power consumption 13.5W max
Regulatory	IEC 60950/62368 CB UL2043 for air-handling space (plenum rating)
Wi-Fi antenna	Two dual-band omni- directional antennas (4.7 dBi gain at 2.4 GHz, 4.2 dBi gain at 5 GHz)
Connectivity, standard	IEEE 802.11ac, 802.11n
Ports	(1) uplink Gigabit Ethernet port, with POE-in support (802.3af)
Mounting	The access point ships with a mount bracket, can be mounted on the wall or a pole
Radio coverage	Dual Radio for simultaneous dual-band operation 5 GHz 802.11ac 2x2 MIMO for up to 867 Mbps wireless data rate, with Multi User MIMO support (Wi-Fi 5) 2.4 GHz 802.11n 2x2 MIMO for up to 300 Mbps wireless data rate (Wi-Fi 4)
Warranty	Aruba 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	187 x 156 x 67 mm
Weight	650 g

For additional technical information, available models and options, please reference the QuickSpecs

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: arubanetworks.com/services/



Support Services from HPE Aruba Networking

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 from HPE Aruba Networking

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

Make the right purchase decision. Contact our presales specialists.

[Find a partner](#)



Chat now (sales)



Share now



Get updates

Our [Education Services](#) allow your team to come up to speed quickly.

HPE Aruba Networking Network as-a-Service (NaaS)

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

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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 [PSN101159991WWEN](#), February, 2024.