Aruba Instant On AP12

Wi-Fi designed with small businesses in mind

Designed for medium density small business environments like medical offices, cafés, restaurants and boutique hotels.

Small businesses are facing a number of challenges due to new and emerging technology, making it pretty overwhelming to keep up.

Mobile devices and cloud-based applications such as Microsoft Office 365 are changing the way you engage with customers, suppliers and staff. Since it's tough enough to set up a new payroll system or choose the most effective point of sale system - we believe choosing the best Wi-Fi solution for your business should be simple.

Whether you own a café or a trendy boutique hotel, your employees and customers are relying on the network for almost everything they do. And because Wi-Fi plays such a crucial role today, you need a purpose-built solution that keeps your business on the go. Aruba Instant On Access Points (APs) are easy to deploy and manage – with a quality look and feel at an attractive price point.

KEY FEATURES

Smart Mesh technology

802.11ac Wave 2, 3X3:3 MU-MIMO technology

Remote management and monitoring capability

Separate guest and employee Wi-Fi networks

Mobile app in multiple languages and cloud portal

Easy client/device blocking

Built-in DHCP/NAT support

App bandwidth limiting per network/user session

HIGHLIGHTS

Simplicity at its best

Wi-Fi that works right out of box

Easy-to-use mobile app for deployment and upkeep

Security you can count on

Wi-Fi that keeps business and visitor traffic separate

Latest WPA2/WPA3 authentication for secure network access

We've got you covered

Industry leading warranty and support

A customizable guest access page that shows off your brand

TECHNICAL SPECIFICATIONS

IN THE BOX

Aruba Instant On AP12 Indoor Access Point

Aruba Instant On AP12 Quick Start guide

Ceiling rail mount clip

Solid surface mount clip

Ethernet Cable

RADIOS

Dual Radio for simultaneous dual-band operation

5 GHz 802.11ac 3x3 MIMO for up to 1,300 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)

INTERFACES

Uplink Gigabit Ethernet port, with POE-in support (802.3af)

DC power connector (12V)

USB host interface (future use)

Bluetooth Low Energy (BLE) radio

LED status indicators (2)

Reset/LED control button

Kensington security slot

PHYSICAL SPECIFICATIONS

157mm x 157mm x 34mm, excluding mount accessories

Weight: 483g

POWER

Power over Ethernet (POE): 802.3af (class 3)

Max power consumption (worst-case): 13.0W (PoE), 12.0W (DC)

DC power (12V)

Note: Power sources are sold separately

ANTENNAS

Integrated downtilt omni-directional antennas with maximum individual antenna gain of 3.9dBi in 2.4GHz and 5.4dBi in 5GHz

MOUNTING

The access point ships with a (black) mount clip to attach to suspended ceiling rails, and a (white) mount clip to attach to solid surfaces (wall/ceiling)

ENVIRONMENTAL & RELIABILITY

Operating Temperature: 0° C to +50° C (+32° F to +122° F)

MTBF: 1,116khrs (127yrs) at +25° C

INDUSTRY CERTIFICATIONS

UL 2043 plenum rating

EN 60601-1-1 and EN 60601-1-2 (for deployment in medical environments)

Wi-Fi Alliance certified (WFA) 802.11ac with Wave 2 (Wi-Fi 5), WPA2, WPA3

MANAGEMENT OPTIONS

Instant On mobile application (Android & iOS)

Cloud Portal: Portal.ArubaInstantOn.com

WARRANTY & SUPPORT

Aruba Instant On 1 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

ORDERING INFORMATION

Aruba Instant On Indoor AP12 Access Points

Part Number Points	Description	Comments
R2X00A	Aruba Instant On AP12 (US) 3X3 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2X01A	Aruba Instant On AP12 (RW) 3X3 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2X02A	Aruba Instant On AP12 (EG) 3x3 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2X03A	Aruba Instant On AP12 (IL) 3x3 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2X04A	Aruba Instant On AP12 (JP) 3X3 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R3J23A	Aruba Instant On AP12 (US) Indoor AP with DC Power Adapter and Cord (NA)	
R3J24A	Aruba Instant On AP12 (RW) Indoor AP with DC Power Adapter and Cord (EU) Bundle	
Power Options		
R3X85A	Aruba Instant On 12V/36W Power Adaptor	Add AC power cord
R2X22A	Aruba Instant On 15.4W 802.3af PoE Midspan Injector	Add AC power cord
Power Options Continued	***Add 3-prong (C13) AC power cord for Power Adaptor/PoE Injector***	
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	
JW114A	PC-AC-AUS Australian AC Power Cord	
JW115A	PC-AC-BR Brazil AC Power Cord	
JW116A	PC-AC-CHN China AC Power Cord	
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord	
JW119A	PC-AC-IN India AC Power Cord	
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	
JW121A	PC-AC-IT Italian AC Power Cord	
JW122A	PC-AC-JP Japanese AC Power Cord	
JW123A	PC-AC-KOR Korea AC Power Cord	
JW124A	PC-AC-NA North America AC Power Cord	
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	
JW126A	PC-AC-TW Taiwan AC Power Cord	
JW127A	PC-AC-UK UK AC Power Cord	
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	
Mount Kits – Spares		
JW044A	Instant On AP Ceiling Rail Mount Kit	Spare for what ships with AP12
Q9U25A	Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP12

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