



Aruba Instant On AP11

Wi-Fi designed with small businesses in mind

Designed for small retail stores and home offices.

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 solution – we believe choosing the best Wi-Fi for your business should be simple.

Whether you own a small retail store or a boutique shop, 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, 2X2:2 MU-MIMO technology

Remote management and monitoring capability

Separate guest and employee Wi-Fi network

Mobile app and cloud portal

HIGHLIGHTS



Simplicity at its best

Wi-Fi that works right out of box
Easy-to-use mobile app for deployment and upkeep



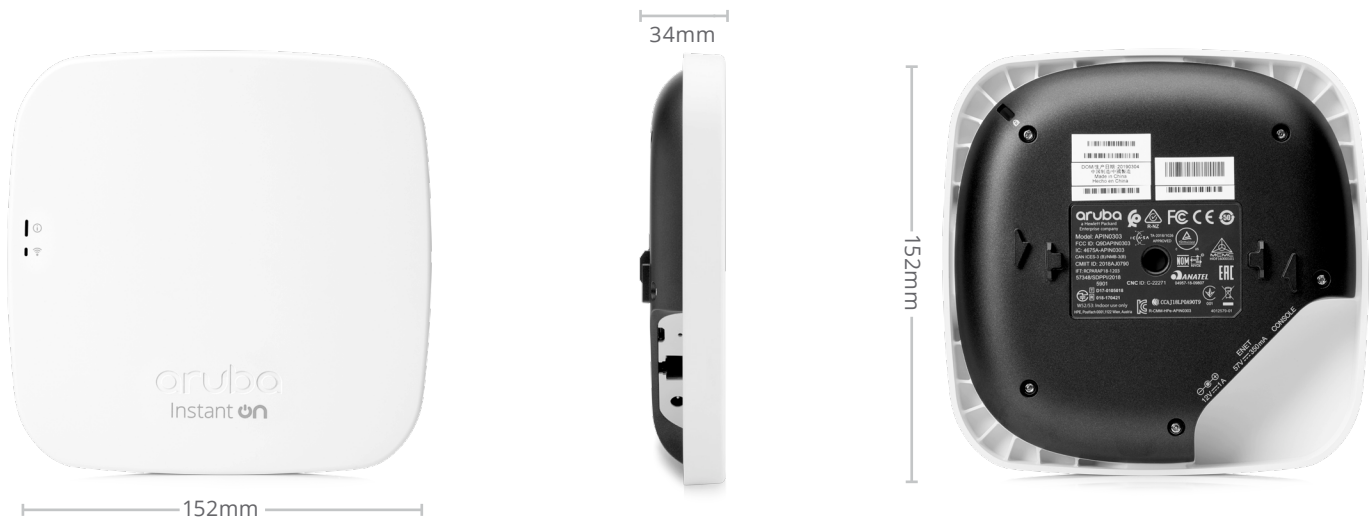
Security you can count on

Wi-Fi that keeps business and visitor traffic separate
WPA2/WPA3 and Enhanced Open 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 AP11 Indoor Access Point

Aruba Instant On AP11 Quick Start guide

Ceiling rail mount clip

Ethernet cable

Solid surface mount clip

RADIOS

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)

INTERFACES

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

DC power connector (12V)

Bluetooth Low Energy (BLE) radio

LED status indicators (2)

Reset/LED control button

Kensington security slot

PHYSICAL SPECIFICATIONS

152mm x 152mm x 34mm, excluding mount accessories

Weight: 193g

POWER

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

Max power consumption (worst-case): 10.1W (PoE), 8.8W (DC)

DC power (12V)

Note: Power sources are sold separately

ANTENNAS

Integrated down-tilt omni-directional antennas with maximum individual antenna gain of 3.3dBi in 2.4GHz and 5.8dBi 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 +40° C (+32° F to +104° F)

Humidity: 5% to 93% non-condensing

MTBF: 795khrs (91yrs) 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, Enhanced Open (OWE)

MANAGEMENT OPTIONS

Instant On mobile application (Android & iOS)

Cloud Portal: [Portal.ArubaInstantOn.com](https://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 AP11 Access Points

Part Number Points	Description	Comments
R2W95A	Aruba Instant On AP11 (US) 2x2 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2W96A	Aruba Instant On AP11 (RW) 2x2 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2W97A	Aruba Instant On AP11 (EG) 2x2 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2W98A	Aruba Instant On AP11 (IL) 2x2 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R2W99A	Aruba Instant On AP11 (JP) 2x2 11ac Wave2 Indoor Access Point	Add PoE or DC Power Source
R3J21A	Aruba Instant On AP11 (US) Indoor AP with DC Power Adapter and Cord (NA) Bundle	
R3J22A	Aruba Instant On AP11 (RW) Indoor AP with DC Power Adapter and Cord (EU) Bundle	
Power Options		
R2X20A	Aruba Instant On 12V/30W 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 AP11
Q9U25A	Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP11

RF PERFORMANCE TABLE

Aruba Instant On Indoor AP11 Access Points

	Maximum transmit power (dBm) per transmit chain	Receiver sensitivity (dBm) per receive chain
802.11b 2.4GHz		
1 Mbps	18.0	-95.0
11 Mbps	18.0	-88.0
802.11g 2.4GHz		
6 Mbps	18.0	-92.0
54 Mbps	18.0	-74.0
802.11n HT20 2.4GHz		
MCS0/8	18.0	-91.0
MCS7/15	18.0	-71.0
802.11n HT40 2.4GHz		
MCS0/8	18.0	-88.0
MCS7/15	18.0	-68.0
802.11a 5GHz		
6 Mbps	18.0	-92.0
54 Mbps	18.0	-74.0
802.11n HT20 5GHz		
MCS0/8/16	18.0	-91.0
MCS7/15/23	18.0	-71.0
802.11n HT40 5GHz		
MCS0/8/16	18.0	-88.0
MCS7/15/23	17.0	-68.0
802.11ac VHT20 5GHz (SU-MIMO)		
MCS0	18.0	-91.0
MCS8	18.0	-67.0
802.11ac VHT40 5GHz (SU-MIMO)		
MCS0	18.0	-88.0
MCS9	17.0	-63.0
802.11ac VHT80 5GHz (SU-MIMO)		
MCS0	18.0	-85.0
MCS9	17.0	-58.0