aruba
Instant ON

Wi Fi 6 CERTIFIED

Aruba Instant On Wi-Fi 6 Access Points

High-speed Wi-Fi designed with small business in mind.

Your right sized business partner to get you ahead of the curve.

The rise of the remote and hybrid workplace has increased pressure on business networks. Existing Wi-Fi infrastructure is struggling to support the explosion of devices and bandwidth-hungry applications — all contributing to spotty video calls and sluggish download speeds.

The Aruba Instant On Wi-Fi 6 portfolio is designed to meet the increasing volume of connected devices that face small businesses. Our range of Wi-Fi Certified 6 access points delivers superior performance, coverage, and speed at a competitive price that is perfect for small and growing businesses.

From IOT and Point-Of-Sale devices to hundreds of guests connecting to your network, you need hardware that can keep up with changing daily demands without intervention. Aruba Instant On Wi-Fi 6 access points are designed to host from 30 to over 150 simultaneous connections. Our smart cloud management features are simple to use and quick to set up, with many enterprise-class features enabled by default.

KEY FEATURES

Ultra-fast 802.11ax

Available 2.5 Gigabit Ethernet uplink port

Wi-Fi CERTIFIED 6™ (Wi-Fi 6)

MU-MIMO performance

Smart Mesh Wi-Fi support

Easy-to-use web and mobile app for setup and management

Secure guest Wi-Fi with simple setup

Application classification, control, and visibility

HIGHLIGHTS

Simplicity at its best
Wi-Fi that works right out of the box
Performance that keeps your users happy

Security you can count on
Protection against compromised login credentials with Two-Factor Authentication
Future-ready WPA2/WPA3/OWE authentication for secure Wi-Fi access

We've got you covered
No extra licensing fees
Industry-leading warranty and support

The Wi-Fi 6 family features MU-MIMO, OFDMA, and up to 4 spatial streams to keep these users and devices connected while the built-in TPM, WPA3, and wireless access control lists keep your network secure. Setting up guest and employee networks is just a few taps away on the Aruba Instant On mobile app. The Smart Mesh and range boosting features in the mobile app combined with automatic beamforming provide coverage to those hard-to-reach areas of your business.

We know the critical role that Wi-Fi plays in business today — no one can afford downtime. The Aruba Instant On Wi-Fi 6 family, at every level, is designed for rapid deployment and simplified management. Be it mounting hardware, remote device management or access to the latest business-grade software, the Aruba Instant On Wi-Fi 6 hardware live to make your life easier.

PRODUCT LINE-UP

The Aruba Instant On Wi-Fi 6 family has the right access point to fit your business needs. From cost-effective single room streaming to conference room collaboration to exhibition hall environments, our wireless solutions make your network accessible and efficient.

The AP25 is our top performer, with a 4x4 antenna array that supports 4 spatial streams to provide coverage and speed in your device-dense networks, and is best if used in common areas where 100 or more of your customers can gather. The AP25 2.5GbE uplink port enables more network bandwidth to support the wireless maximum 5.3Gbps throughput for connected clients compared to traditional 1GbE uplink in other Wi-Fi 6 access points.

The AP22 is our core wireless access point. It hosts a 2x2 antenna array supporting 2 spatial streams to provide connectivity when traditional or cloud applications are used. With a maximum wireless aggregate data rate of 1.7Gbps, the AP22 access point delivers speed and reliability. This access point has the same security and reliability as the AP25 at a more attractive price.

The AP22D is the more versatile version of the AP22. It has the same antenna array and spatial streams (2x2:2) but has a 2.5GbE uplink port and four 1GbE downlink ports for hardwired devices. The AP22D can also supply Power over Ethernet (PoE) to two of the downlink ports at 15W (PoE 802.3af) each, making it great for IP Phones or receipt printers in areas that need more Ethernet ports and only one in-room Ethernet port is available.

NEXT-GENERATION 802.11AX WI-FI FEATURES

160MHZ CLIENT BANDWIDTH SUPPORT (AP25 EXCLUSIVE)

With 160MHz bandwidth support in 11ax, HE160 mode delivers higher performance with 160MHz supported clients. Smart Mesh performance can be doubled with the 160MHz bandwidth support on 5GHz backhaul.

ORTHOGONAL FREQUENCY-DIVISION MULTIPLE ACCESS (OFDMA)

Allows access points (APs) to handle multiple Wi-Fi 6-capable clients on each channel simultaneously — regardless of device or traffic type. This improves efficiency by boosting overall capacity, while reducing latency.

TARGET WAKE TIME (TWT)

Ideal for IoTs that communicate infrequently, TWT establishes a schedule for when clients need to communicate with an AP. This helps reduce power consumption, extending the battery life of clients.

MULTIUSER, MULTIPLE INPUT, MULTIPLE OUTPUT (MU-MIMO)

Allows you to serve multiple clients (Wi-Fi 5 and Wi-Fi 6) at the same time.

1024-QUADRATURE AMPLITUDE MODULATION (1024-QAM)

Enables a 25% data increase over 256 QAM, improving throughput in your access points and devices.

TRUSTED PLATFORM MODULE (TPM)

All Aruba Instant On access points have an installed TPM for secure storage of credentials, keys, and boot codes.

BASIC SERVICE SET COLORING (BSS COLORING)

Allows the network to assign a "color" tag to a channel and reduce the threshold for interference. Network performance is improved because APs on the same channel can be closer together and still transmit at the same time — as long as they are different colors.

ARUBA ADVANCED CELLULAR COEXISTENCE (ACC)

Uses built-in filtering to automatically minimize the impact of interference from cellular networks, distributed antenna systems (DAS), and commercial small-cell or femtocell equipment.

LOW DENSITY PARITY CHECK (LDPC)

Delivers high-efficiency error correction for increased throughput.

TRANSMIT BEAMFORMING (TXBF)

Delivers increased signal reliability and range.

THE INSTANT ON DIFFERENTIATORS

TAILORED USER EXPERIENCES

Customize the experience with logos, authentications, and rules of use. Set data usage per app. Limit duration of use. Use an external portal or RADIUS server to track guest login. Create open guest networks for quick and easy access. With the Instant On mobile app, you can apply bandwidth limits for your clients or your network to prioritize certain networks.

PPPoE AND STATIC IP

Instant On APs can handle PPPoE configuration with VLAN support, and act as a DHCP server, providing IP addresses to the wireless network. Assigning a static IP address on an access point allows users to use the same IP address regardless of where the access point is connected, making it easier to access its setup page for any configuration changes.

NO HIDDEN FEES

All features are included in the price of the hardware — there are no recurring subscription or licensing fees. Expert-level community support, and industry-leading 2-year warranty are also included, along with chat support during the warranty period.

TECHNICAL SPECIFICATIONS

IN THE BOX

- Aruba Instant On Access Point
- Aruba Instant On Quick Start Guide
- Combined ceiling and wall rail mount clip
- Desktop mount (AP22D only)
- Ethernet cable

	AP22	AP22D	AP25
Radios	Dual-band 802.11ax 2x2 5Ghz/2.4GhZ MU-MIMO	Dual-band 802.11ax 2x2 5Ghz/2.4Ghz MU-MIMO	Dual-Band 802.11ax 4x4 5Ghz MU-MIMO 2x2 2.4Ghz MU-MIMO
Maximum Data Rate	1.2Gbps (5Ghz) 574 Mbps (2.4Ghz)	574 Mbps (2.4Ghz) 900 Mbps (aggregate switch capacity)	4.8Gbps (5Ghz) 574 Mbps (2.4Ghz)
Interfaces	1 GbE Base-T Uplink Port DC Power Connector Bluetooth Low Energy (BLE) LED status Indicators Reset/LED control button Kensington security slot	1x 2.5GbE Base-T Uplink Port 4x 1GbE Base-T Downlink Port DC Power Connector LED status Indicators Reset/LED control button Kensington security slot	2.5GbE Base-T Uplink Pot DC Power Connector Bluetooth Low Energy (BLE) LED status Indicators Reset/LED control button Kensington security slot
Antennas	Down-tilt Dual Omni-directional 2x2 MU-MIMO	Dual Omni-directional 2x2 MIMO	Down-tilt Dual Omni-directional 2x2 MU-MIMO
Maximum Transmit Power	5GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain) 2.4Ghz band: +20dBm (+17dBm per chain, 3dB MIMO gain)	5GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain) 2.4Ghz band: +20dBm (+17dBm per chain, 3dB MIMO gain)	5GHz band: +24dBm (+18dBm per chain, 6dB MIMO gain) 2.4Ghz band: +21dBm (+18dBm per chain, 3dB MIMO gain)
Power Options	POE: 802.3af (class 3) DC power (12V)	POE: 802.3bt (class 6) Full functionality or 802.3at (class 4) limited functionality DC power (48V)	POE: 802.3at (class 4) DC power (12V)
Power Over Ethernet	POE In: 802.3af	POE In: 802.3at/802.3bt POE Out: 2x 15W PoE (802.3af)	POE In: 802.3at
Max Power Consumption	10.1W (PoE) 8.8W (DC)	51W (PoE) 50W (DC)	20.1W (PoE) 15.9W (DC)
Physical Specifications	160mm x 160mm x 37mm Weight: 500g	86mm x 47mm x 150mm Weight: 360g	200mm x 200mm x 45mm Weight: 775g
Mounting	Ceiling/Wall mount clip	Gang wall-box mount kit Desk mount kit	Ceiling/Wall mount clip
Operating Temperature	0° C to +40° C (+32° F to +104° F)	0° C to +40° C (+32° F to +104° F)	0° C to +40° C (+32° F to +104° F)
Reliability (years)	91	88	76
Antenna Gain	4.9dBi in 2.4GHz 5.7dBi in. 5GHz	5.2dBi in 2.4GHz 5.4dBi in 5GHz	4.2dBi in 2.4GHz 7.5dBi in 5GHz
Management Options	Mobile Application Cloud Portal	Mobile Application Cloud Portal	Mobile Application Cloud Portal
Warranty & Support	Aruba Instant On 2-Year	Aruba Instant On 2-Year	Aruba Instant On 2-Year

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ORDERING INFORMATION

Aruba Instant On Indoor AP22 Access Points

Part Number	Description	Comments
R4W01A	Instant On AP22 (US) 2x2 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R4W02A	Instant On AP22 (RW) 2x2 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R4W03A	Instant On AP22 (JP) 2x2 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R4W04A	Instant On AP22 (EG) 2x2 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R4W05A	Instant On AP22 (IL) 2x2 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
S0G23A	Aruba Instant On AP22 (RW1*) 2x2 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R6M49A	Instant On AP22 with 12V/18W Power Adapter US Bundle	
R6M50A	Instant On AP22 with 12V/18W Power Adapter EU Bundle	
R6M51A	Instant On AP22 with 12V/18W Power Adapter Worldwide Bundle	Add # options to choose the right power cord for the specific country
S0G19A	Aruba Instant On AP22 (RW1*) 2x2 Wi-Fi 6 Indoor Bundle	Add # options to choose the right power cord for the specific country
R6R77A	Instant On AP22 12V PSU Bundle JP	
R6R78A	Instant On AP22 12V PSU Bundle IL	
R6R79A	Instant On AP22 12V PSU Bundle EG	
Note: If a replacement is requested for the power adaptor in the bundle, you will receive the R2X20A and R3X85A part numbers which might be a different form factor than the power adaptor in the AP22 bundle box. .		
Mount Kit		
R6P90A	Aruba Instant On AP22 flush mount sleeve	Add with above AP or bundle SKUs for aesthetic design
Power Options		
R3X85A	Aruba Instant On 12V/36W Power Adapter	Add AC power cord
R9M78A	Aruba Instant On 12V Power Adapter US EU	Includes power cord with US and EU plugs
R9M79A	Aruba Instant On 12V Power Adapter RW	Includes power cord with Rest-of-World plugs
R8W31A	Aruba Instant On 15.4W 802.3af PoE Midspan Injector	*Add AC power cord* *This Injector for Indoor Installation Only*

*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.

Aruba Instant On Indoor AP22 Access Points (continued)

Part Number	Description	Comments
Add 3-prong (C13) AC power cord for Power Adapter/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	
S0P44A	PC-AC-TH Thailand AC Power Cord	
Mount Kits – Spares		
JW044A	Instant On AP Ceiling Rail Mount Kit	Spare for what ships with AP22
Q9U25A	Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP22

ORDERING INFORMATION

WITH STAND

WITHOUT STAND

Instant On Indoor AP22D Access Points

Part Number	Description	Comments
Access Point		
S1U77A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (JP) AP22D	Add PoE or DC Power Source
S1U78A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (EG) AP22D	Add PoE or DC Power Source
S1U79A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (IL) AP22D	Add PoE or DC Power Source
S1U75A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (US) AP22D	Add PoE or DC Power Source
S1U76A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW) AP22D	Add PoE or DC Power Source
S1T35A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW1*) AP22D	Add PoE or DC Power Source
Access Point with DC PSU		
S0J32A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (US) AP22D	
S0J33A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (EU) AP22D	Add # options to choose the right power cord for the specific country
S0J34A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (RW) AP22D	
S0J35A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (JP) AP22D	
Access Point 5-Pack		
S1U80A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Pack of 5 (US) AP22D	Add PoE or DC Power Source
S1U81A	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Pack of 5 (RW) AP22D	Add PoE or DC Power Source
Power Options		
R3X86A	Aruba Instant On 48V/50W Power Adapter	Add AC power cord
R9M77A	Aruba Instant On 30W 802.3at PoE Midspan Injector	Add AC power cord *AP cannot provide PoE out on E1 and E2 with this injector*

*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.

ORDERING INFORMATION

Instant On Indoor AP22D Access Points (continued)

Part Number	Description	Comments
Add 3-prong (C13) AC power cord for Power Adapter/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	
S0P44A	PC-AC-TH Thailand AC Power Cord	

ORDERING INFORMATION

Aruba Instant On Indoor AP25 Access Points

Part Number	Description	Comments
R9B27A	Aruba Instant On AP25 (US) 4x4 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R9B28A	Aruba Instant On AP25 (RW) 4x4 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R9B29A	Aruba Instant On AP25 (JP) 4x4 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R9B30A	Aruba Instant On AP25 (EG) 4x4 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R9B31A	Aruba Instant On AP25 (IL) 4x4 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
S0G24A	Aruba Instant On AP25 (RW1) 4x4 Wi-Fi 6 Indoor Access Point	Add PoE or DC Power Source
R9B32A	Aruba Instant On AP25 with 12V/18W Power Adapter US Bundle	
R9B33A	Aruba Instant On AP25 with 12V/18W Power Adapter EU Bundle	
R9B34A	Aruba Instant On AP25 with 12V/18W Power Adapter Worldwide Bundle	Add # options to choose the right power cord for the specific country
S0G22A	Aruba Instant On AP25 (RW1) 4x4 Wi-Fi 6 Indoor Bundle	Add # options to choose the right power cord for the specific country
R9B35A	Aruba Instant On AP25 with 12V/18W Power Adapter JP Bundle	
Mount Kit		
R9B36A	Aruba Instant On AP25 flush mount sleeve	Add with above AP or bundle SKUs for aesthetic design
Power Options		
R3X85A	Aruba Instant On 12V/36W Power Adapter	Add AC power cord
R9M78A	Aruba Instant On 12V Power Adapter US EU	Includes power cord with US and EU plugs
R9M79A	Aruba Instant On 12V Power Adapter RW	Includes power cord with Rest-of-World plugs
R9M77A	Aruba Instant On 30W 802.3at PoE Midspan Injector	Add AC power cord *This injector is for indoor installation only*

*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.

Aruba Instant On Indoor AP25 Access Points (continued)

Part Number	Description	Comments
Add 3-prong (C13) AC power cord for Power Adapter/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	
S0P44A	PC-AC-TH Thailand AC Power Cord	

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