Introducing the New Instant On AP21 Access Point

The Instant On AP21 Access Point is the compact solution of Aruba's Wi-Fi 6 series, providing small but mighty connectivity for everyone.

This wireless access point is an effective solution for small and growing businesses looking to level up their network. Complete with high-speed connectivity to spaces of up to 150 m2, the Instant On AP21 is an efficient option for smaller set-ups that only need a couple of APs.

Hosting up to 1.5 Gbps over its two dual-band antennas, this low-density access point is ideal for set-and-forget deployments in establishments like bodegas, pop-up shops, home offices or cafés. Its affordability, compact size, and versatility make the AP21 the perfect choice for a variety of smaller enterprises and environments – your small space deserves big connectivity.
Discover Instant On AP21's benefits, use cases, and much more...

AP21 Key Features

- 1GbE uplink port for efficient data transfer.
- Consistent connectivity with 2x2 MIMO and 2 spatial streams.
- High-efficiency support across 20/40/80MHz.
- Power options with PoE Class 3, PoE Class 4 or DC power for flexible installation.
- Speedy data rates:
  – 2.4GHz Wi-Fi (802.11n) up to 300Mbps.
  – 5GHz Wi-Fi (802.11ax) up to 1200Mbps.
- An extensive range of indoor and outdoor wireless access points with 802.11ac Wave 2 and 802.11ax Wi-Fi technology.

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Benefits of AP21

- Fast Wi-Fi 6 with built-in features like WPA3, Target Wake Time, and more efficient data transmission protocols.
- Recommended for up to 50 simultaneous connection
- Smart Mesh Wi-Fi you can connect and expand your network with any other access points wirelessly.
- Cloud management you can manage your network anytime, anywhere on your phone or the web.
- 2-year warranty with next business day advanced hardware replacement shipping.
- 24/7 support via phone or chat for 90 days.

The Instant On Wi-Fi 6 solution: connectivity for any space

Wi-Fi 6 supports superior wireless capacity and connectivity with:

- Higher device capacity and faster data processing.
- Optimised environment for cloud-centric apps.
- Improved Smart Mesh capabilities.
- Target Wake Time (TWT) significantly improves network efficiency and device battery life, including IoT devices.

Use Cases

Retail stores
Retail stores like New York bodegas, European petrol stations, or vending machine corners in Japan are smaller venues that don't need to cover a large area or many devices at once. Generally, customers are on premises for under 15 minutes, so the network is mostly utilised by employees or point of sales systems.

The Instant On AP21:
- A cost-effective solution for SMBs when paired with the1430 or 1830 switch.
- Is recommended to be used with Aruba Instant On 1830 Switch series for a very cost effective and convenient managed solution.
- Can be PoE powered to simplify deployment
- Can provide connectivity for up to 100 devices when doubled up.
- Can pair with AP21 or AP22 over Smart Mesh when higher throughput is needed.
- Can Smart Mesh with a second access point without the need to run another ethernet cable.

Home networks
Smaller living spaces like studio apartments, lofts, or condos are often crowded with wireless devices, such as wireless routers or access and mesh points, creating noise and interference with traditional ISP-provided equipment. Living spaces in older buildings, or with concrete walls, frequently encounter connectivity issues.

Instant On AP21:
- A small footprint to seamlessly blend in the environment.
- Can be used with the 1430 8-port unmanaged network switch to cut through congestion and noise to take back wireless space.
- Automated streaming traffic prioritization through Instant On cloud management to provide an unrivalled viewing experience.
- Can Smart Mesh with another AP21 or any other Instant On access point to extend coverage to hard-to-reach areas in older buildings or across concrete walls.

Our Aruba Instant On brand promise:

Simplicity: Aruba Instant On is easy to set up through a mobile app or cloud-based portal and has unified management for APs and Switches.

Extraordinary performance: Our range access points (indoor and outdoor) are Wi-Fi 5 or Wi-Fi 6 certified? Our switches are available in 8-,24- and 48-port PoE+ and non-PoE models. Our business grade Access Points and switches are highly reliable.

No hidden fees: A one-time hardware cost with no subscription or licence fees for advanced features or management means a lower total cost of ownership.

Trusted vendor: Aruba is a recognised leader in the WLAN and Wired space, with over 17 years of proven innovation – so you can count on us for superior hardware and software quality.

Our partner value proposition

Customer acquisition

With Aruba's industry expertise and enterprise-grade solutions adapted for small to medium businesses, you can deliver reliable networking services that meet your customers' needs.

As an Aruba partner, you'll become a comprehensive provider of your customers' networking requirements. By providing a smart, secure, and straightforward solution tailored to their needs, you ensure that your customers receive the right support. Plus, you'll have access to extensive support with our Limited Lifetime warranty, 24x7 90-day phone support, chat support and advice from the Instant On Community.

Revenue

By offering value-added services, you'll be able to remotely manage Wi-Fi guest access and multiple Instant On networks for various end customers. You'll be able to take advantage of third-party integrations as new revenue streams. Also by leveraging Aruba's marketing campaign assets, you can effectively drive traffic and generate additional business for both existing and new end customers.

Competitive advantage

With Aruba, you'll gain a competitive edge with access to:
- Aruba's wired, wireless and cloud or app-based management options, plus intuitive dashboards and no hidden fees.
- An extensive range of indoor and outdoor wireless access points with 802.11ac Wave 2 and 802.11ax Wi-Fi technology.
- Our growing range of 5 to 48 port Gigabit switches, including PoE.

Ready to learn more?

Find out more about the Instant On AP21, and discover how you can help small businesses take advantage of its many benefits, contact your TD SYNNEX representative today.

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