HPE Networking Instant On Access Points AP21

HPE Networking Instant On AP21 (EU) Dual Radio 2x2 Wi-Fi 6 Access Point Bundle with EU PSU (S1T14A)

What's new

– Wi-Fi CERTIFIED 6™ support for up to 50 user devices.

– Designed to provide better speed and coverage for smaller spaces.

– PoE or DC powered to expand your network.

– Use with any other Instant On access points to create a Smart Mesh to extend your network without additional ethernet cables.

Overview

The HPE Networking Instant On Access Point AP21 is a dual radio indoor access point designed to bring connectivity to small spaces. This Wi-Fi CERTIFIED 6™ access point offers modern Wi-Fi standards in a small footprint to enhance the connectivity of your network for up to 50 devices. The dual-band radios offer suitable range for a 1500 square feet space at an affordable price with the same features as other more costly access points.

The AP21 can also be used with Smart Mesh with any other Instant On access point to extend your network coverage without needing to run new cables; HPE Networking Instant On AP21 small yet mighty coverage for your growing wireless needs.

HPE

– Best when used in conference rooms, home offices, or low-density environments.

Features

8O2.11ax Wi-Fi CERTIFIED 6™

The HPE Networking Instant On Access Point AP21 features Orthogonal Frequency-Division Multiple Access (OFDMA) which allows them to handle multiple Wi-Fi 6 capable clients on each channel simultaneously; this improves efficiency by boosting overall capacity and reducing latency.

Target Wake Time (TWT): Ideal for IoT devices that communicate infrequently, TWT establishes a schedule for when clients need to communicate with an AP. This reduces power consumption and can extend the battery life of clients.

Multiple Input, Multiple Output (MIMO): Allows the access point to serve multiple clients (Wi-Fi 5 and Wi-Fi 6) simultaneously.

Safeguard Your Network With WPA-Enterprise Features

HPE Networking Instant On Access Points AP21 come with top-level security features, always on, out of the box, such as WPA2/WPA3 and Enhanced Open support for protecting your wireless network.

Use the HPE Networking Instant On mobile app or web portal to see where clients on your network are going with the application's insight.

Block certain types of traffic in the mobile app or web portal to keep your network safe and employees productive.

Create a Custom Guest Access Experience

HPE Networking Instant On Access Point AP21 is ideal for single-site businesses or homes like cafes, restaurants, or office buildings.

The easy-to-use captive portal, free to set up in the HPE Networking Instant On app or web portal, creates an easy onboarding process for employees or guests.

Integrate with 3rd party analytics partners like Skyfii, Aislelabs, and Wavespot to gain customer insights while they are on your network.

Technical specifications	HPE Networking Instant On AP21 (EU) Dual Radio 2x2 Wi-Fi 6 Access Point Bundle with EU PSU
Product Number	S1T14A
Differentiator	In the Box: Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. HPE Networking Instant On Access Point Quick Start guide Combined ceiling and wall rail mount clip DC power adapter with select bundles Ethernet cable Regulatory domain of EU.
Certifications	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
Input voltage	PoE: 802.3af (class 3) DC power (12V) Note: Power sources are sold separately unless you purchase the bundle SKU
Wi-Fi antenna	Antennas: Dual Omni-directional 2x2 MIMO Antenna Gain:1.7 dBi in 2.4 GHz and 4.8 dBi in 5 GHz Maximum transmit power: 5 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain) 2.4 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain)
Connectivity, standard	Ultra-fast 802.11ax
Ports	1 GbE Base-T uplink port DC power connector LED status indicators Reset/LED control button Kensington security slot
Mounting	Ceiling/Wall mount clip
Power consumption	10.1W (PoE) or 10.9W (DC)
Radio coverage	Dual-radio 802.11ax/n 2x2 5 GHz/2.4 GHz MIMO
Warranty	Instant On 2-year warranty includes 24X7 phone support for the first 90 days and chat support for the entire warranty period. Community support is available for the life of the product.

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: hpe.com/edge/services

Support Services

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

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

Our Education Services allow your team to come up to speed quickly.

HPE GreenLake for Networking

Our NaaS solution, is part of the HPE GreenLake services family, and simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking solution. If you need expert guidance and automation-based operations for your team, please explore our NaaS approach through HPE GreenLake for Networking.

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

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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.

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