

HPE Networking Instant On Access Point Bundle with PSU Dual Radio Tri Band 2x2 Wi-Fi 6E (RW) AP32 (S1T29A)



What's new

- Wi-Fi CERTIFIED 6E™ support for up to 75 user devices.
- 2.5 gigabit Ethernet uplink port that relieves bottlenecks brought by bandwidth-intense applications.
- 6GHz band dedicated to Wi-Fi 6E-enabled devices with up to 2.4Gbps wireless throughput.
- The modern minimal design blends the HPE Networking Instant On AP32 into any environment. Enable quiet mode to disable lights for less

Overview

The HPE Networking Instant On Access Point AP32 is a Wi-Fi CERTIFIED 6E™ wireless access point built to bring future-ready connectivity to small and medium businesses. The HPE Networking Instant On AP32 supports the new 6E wireless protocol that broadcasts on the 6GHz band, which is reserved for Wi-Fi 6E-enabled devices, and offers higher capacity and capability for the devices. This higher capacity needs a strong backhaul, so the HPE Networking Instant On AP32 comes with a 2.5GbE uplink port and PoE to make connectivity and power easy. With a 2x2

distraction.

- Keep your network protected with the HPE Networking Instant On Instant On mobile app or web portal, cloud-connected so you can manage or troubleshoot problems anywhere in the world.

antenna array supporting 2 spatial streams, the HPE Networking Instant On AP32 provides robust connectivity for up to 75 devices and 2.8Gbps of wireless throughput. In the HPE Networking Instant On mobile app, choose to broadcast the 5GHz and 6GHz bands to achieve faster throughput speed, or switch to 2.4GHz and 6GHz for impressive range for modern laptops or smartphones.

Features

802.11ax Wi-Fi Certified 6E

HPE Networking Instant On AP32 access points feature Orthogonal Frequency-Division Multiple Access (OFDMA), allowing multiple Wi-Fi 6 capable clients to be handled simultaneously per channel. This improves efficiency by boosting overall capacity, reducing latency, and improving end-user experience.

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 AP32 access points 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.

Wi-Fi 6E 6GHz Band to Fast-Track your Devices

HPE Networking Instant On Access Point AP32 is ready to elevate your growing network needs with Wi-Fi 6E.

This Tri-band, dual radio access point offers different broadcasting configurations: 6GHz and 5GHz for impressive throughput, 2.4GHz and 6GHz to support IoT and the most recent wireless devices, and 2.4GHz and 5GHz for businesses not yet ready to use the latest wireless standards.

Easily manage and update the HPE Networking Instant On AP32 band setting in the HPE Networking Instant On mobile app from anywhere.

Technical specifications

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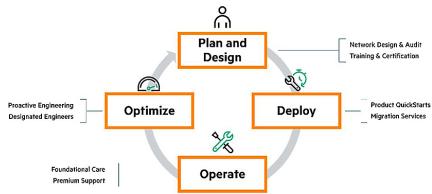
Product Number	S1T29A
Differentiator	HPE Networking Instant On Access Point AP32 Bundle option will ship with a region-specific PSU to power the access point, which is best for organizations that plan to utilize the Smart Mesh feature.
Certifications	Wi-Fi Certified 6
Input voltage	PoE: 802.3bt (class 6) or 802.3at (class 4) DC power (12V)
Wi-Fi antenna	Dual Omnidirectional 2x2 MIMO
Connectivity, standard	Wi-Fi 11ax
Ports	1x 2.5GbE BaseT Uplink DC Power Connector LED status Indicators Reset/LED control button Kensington security slot
Mounting	Ceiling/Wall mount clip
Power consumption	12.9W (PoE) 11.0W (DC)
Radio coverage	Tri-band 802.11ax 2x2 6Ghz/5Ghz/2.4Ghz MU-MIMO
Warranty	HPE Networking Instant On 2-Year

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

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: arubanetworks.com/services/



Support Services from HPE Aruba Networking

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 from HPE Aruba Networking

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 Aruba Networking Network as-a-Service (Naas)

Our Naas solution, HPE Aruba Networking Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking network. If you need expert guidance and automation-based operations for your team, please explore the Naas approach from HPE Aruba Networking [here](#).

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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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