

HPE Networking Instant On Access Points AP32

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.
- 6 GHz band dedicated to Wi-Fi 6E-enabled devices with up to 2.4 Gbps wireless throughput.
- The modern minimal design blends the HPE Networking Instant On AP32 into any environment. Enable quiet

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 AP32 supports the new 6E wireless protocol that broadcasts on the 6 GHz 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 AP32 comes with a 2.5 GbE uplink port and PoE to make connectivity and power easy. With a 2x2 antenna array supporting 2 spatial streams, the AP32 provides robust connectivity for up to 75 devices and 2.8 Gbps of wireless throughput. In the HPE Networking Instant On mobile app, choose to broadcast the 5 GHz and 6 GHz bands to achieve faster throughput speed, or switch to 2.4 GHz and 6

mode to disable lights for less distraction.

GHz for impressive range for modern laptops or smartphones.

- 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.

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 6 GHz 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: 6 GHz and 5 GHz for impressive throughput, 2.4 GHz and 6 GHz to support IoT and the most recent wireless devices, and 2.4 GHz and 5 GHz 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	HPE Networking Instant On Access Point Bundle with PSU Dual Radio Tri Band 2x2 Wi-Fi 6E (RW) AP32
Product Number	S1T29A
Differentiator	<p>In the Box: Bundle includes access point, PSU, mount kit, and Ethernet cable.</p> <p>HPE Networking Instant On Access Point Quick Start guide Combined ceiling and wall rail mount clip DC power adapter with select bundles Ethernet cable</p> <p>For use in those areas where no specific regulatory domain is required.</p>
Wi-Fi antenna	<p>Antennas: Dual omni-directional 2x2 MIMO Antenna Gain: 2.8 dBi in 2.4 GHz 4.5 dBi in 5 GHz and 6 GHz Maximum transmit power: 5 GHz and 6 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)</p>
Certifications	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
Warranty	<p>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.</p>
Input voltage	<p>PoE: 802.3at (class 4) DC power (12V)</p> <p>Note: Power sources are sold separately unless you purchase the bundle SKU</p>
Connectivity, standard	Ultra-fast 802.11ax
Ports	<p>1x 2.5 GbE Base-T uplink port DC power connector LED status indicators Reset/LED control button Kensington security slot</p>
Mounting	Ceiling/Wall-mount clip
Power consumption	Max power consumption: 12.9W (PoE) 11.0W (DC)
Radio coverage	<p>Dual-Radio, tri-band 802.11ax 2x2 6 GHz/5 GHz/2.4 GHz* MIMO</p> <p>Note: * Only two active bands are selectable.</p>

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

- Streamline IT Operations across compute, storage, and networking without the chaos
- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

[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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