

# HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (US) AP32 (S1T22A)



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## 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-intensive applications.
- 6GHz band dedicated to Wi-Fi 6E-enabled devices with up to 2.4Gbps

## 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

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wireless throughput.

- The modern minimal design blends the HPE Networking Instant On AP32 into any environment. Enable quiet mode to disable lights for less 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.

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 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

# HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (US) AP32

<b>Product Number</b>	S1T22A
<b>Differentiator</b>	HPE Networking Instant On Access Point AP32 is for businesses that have invested in PoE infrastructure throughout their facility, as these SKUs will ship without a PSU.
<b>Certifications</b>	Wi-Fi Certified 6
<b>Input voltage</b>	PoE: 802.3bt (class 6) or 802.3at (class 4) DC power (12V)
<b>Wi-Fi antenna</b>	Dual Omnidirectional 2x2 MIMO
<b>Connectivity, standard</b>	Wi-Fi 11ax
<b>Ports</b>	1x 2.5GbE BaseT Uplink DC Power Connector LED status Indicators Reset/LED control button Kensington security slot
<b>Mounting</b>	Ceiling/Wall mount clip
<b>Power consumption</b>	12.9W (PoE) 11.0W (DC)
<b>Radio coverage</b>	Tri-band 802.11ax 2x2 6Ghz/5Ghz/2.4Ghz MU-MIMO
<b>Warranty</b>	HPE Networking Instant On 2-Year

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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