HPE aruba networking

# HPE Networking Instant On Access Points AP32

### 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 mode to disable lights for less distraction.

- Keep your network protected with the HPE

### 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 GHz for impressive range for modern laptops or smartphones.

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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 Points AP32

| | |
|---|---|
| **Certifications** | Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3 |
| **Input voltage** | PoE: 802.3at (class 4) DC power (12V)<br><br>Note: Power sources are sold separately unless you purchase the bundle SKU |
| **Wi-Fi antenna** | Antennas: Dual omni-directional 2x2 MIMO<br>Antenna Gain: 2.8 dBi in 2.4 GHz 4.5 dBi in 5 GHz and 6 GHz<br>Maximum transmit power:<br> 5 GHz and 6 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain)<br> 2.4 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain) |
| **Connectivity, standard** | Ultra-fast 802.11ax |
| **Ports** | 1x 2.5 GbE Base-T uplink port<br>DC power connector<br>LED status indicators<br>Reset/LED control button<br>Kensington security slot |
| **Mounting** | Ceiling/Wall-mount clip |
| **Power consumption** | Max power consumption: 12.9W (PoE) 11.0W (DC) |
| **Radio coverage** | Dual-Radio, tri-band 802.11ax<br>2x2 6 GHz/5 GHz/2.4 GHz* MIMO<br><br>Note: * Only two active bands are selectable. |
| **Warranty** | Instant On 2-year warranty includes 24X7 phone support for the first 90 days and chat support for the entire warranty period.<br>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: https://www.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.

Explore **HPE GreenLake**

**Make the right purchase decision. Contact our presales specialists.**

Contact us

**Hewlett Packard Enterprise**