

# HPE Networking Instant On Access Points AP22D



## What's new

- Wi-Fi CERTIFIED 6™ wireless access point, with 2.5 GbE uplink port
- 2.5 GbE uplink port provides up to 2x more bandwidth than 1 GbE ports without the need for new Cat5/6(a) cables to be installed.
- Four 1 GbE downlink ports that supply up to 2x 15W of PoE (802.3af).
- Up to 1.7 Gbps aggregate wireless throughput.

## Overview

The HPE Networking Instant On Access Points AP22D is an SMB-focused Wi-Fi CERTIFIED 6™ access point that provides reliable wired and wireless connectivity over a 2.5 GbE uplink port with a minimal device footprint. This access point can reduce device clutter while powering downlink devices such as IP Phones or receipt printers with 2x 15W of PoE (802.3af) and supporting 75+ wireless devices over 802.11ax Wi-Fi 6 with an aggregate wireless throughput of 1.7 Gbps.

Easily manage the Instant On AP22D with the Instant On mobile app or portal to create guest and employee networks, govern access control lists, and set PoE schedules to customize power use. Make the most of your limited space in your small business by mounting the Instant On AP22D to a desk or wall with included mounting kits.

# Features

## **802.11ax Wi-Fi CERTIFIED 6™**

HPE Networking Instant On Access Points AP22D features Orthogonal Frequency-Division Multiple Access (OFDMA) which allows access points to handle multiple Wi-Fi 6 capable clients on each channel simultaneously and improve efficiency by boosting overall capacity, 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.

Multi-User, Multiple Input, Multiple Output (MU-MIMO), allows the access point to simultaneously serve multiple clients (Wi-Fi 5 and Wi-Fi 6).

## **2.5 Gigabit Ethernet Uplink Port**

HPE Networking Instant On Access Points AP22D offers increased available bandwidth to allow for more traffic over Wi-Fi 6 or with the downlink ethernet ports.

Use existing cabling infrastructure like Cat5 or Cat6(a) cables and avoid the additional cost of running new cables across your facility.

Future-proof your environment with the added bandwidth capacity to handle the ever-growing world of cloud-based applications.

## **Four Downlink 1 Gigabit Ethernet Ports**

Connect up to four copper RJ-45 devices to the HPE Networking Instant On Access Points AP22D without the need for an additional switch to manage.

Downlink ports can power two 15W PoE (802.3af) devices without the intervention of a bulky PoE-Injector.

Technical specifications	HPE Networking Instant On Access Points AP22D
<b>Wi-Fi antenna</b>	Antennas: Dual semi-directional 2x2 MIMO Antenna Gain: 5.2 dBi in 2.4GHz and 5.4 dBi in 5 GHz Maximum transmit power: 5 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain) 2.4 GHz band: +20 dBm (+17 dBm per chain, 3 dB MIMO gain)
<b>Certifications</b>	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
<b>Warranty</b>	Instant On 2-year warranty includes 24X7 phone support for the first 90 days and chat support for the entire <a href="#">warranty period</a> . Community support is available for the life of the product.
<b>Input voltage</b>	PoE: 802.3bt (class 6) Full functionality or 802.3at (class 4) limited functionality DC power (48V) PoE In: 802.3at/802.3bt POE Out: 2x 15W PoE (802.3af)  Note: Power sources are sold separately unless you purchase the bundle SKU
<b>Connectivity, standard</b>	Ultra-fast 802.11ax
<b>Ports</b>	1x 2.5 GbE Base-T PoE Class 4/6 uplink 2x 1 GbE Base-T PoE Class 3 downlink 2x 1 GbE Base-T downlink DC power connector LED status indicators Reset/LED control button Kensington security slot
<b>Mounting</b>	Gang wall box-mount kit or Desk-mount kit
<b>Power consumption</b>	51W (PoE) or 50W (DC)
<b>Radio coverage</b>	Dual-radio 802.11ax 2x2 5 GHz/2.4 GHz MIMO

# HPE Services

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## 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**

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- 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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