

# HPE Networking Instant On Access Points AP22D

## HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW) AP22D (S1U76A)



### 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 Point Dual Radio 2x2 Wi-Fi 6 (RW) AP22D**

<b>Product Number</b>	S1U76A
<b>Differentiator</b>	<p>In the Box:</p> <ul style="list-style-type: none"><li>HPE Networking Instant On Access Point</li><li>Quick Start guide</li><li>Combined ceiling and wall rail mount clip</li><li>Ethernet cable</li><li>Desktop mount</li></ul> <p>Add PoE or DC power source For use in those countries and regions where no specific regulatory domain is required.</p>
<b>Wi-Fi antenna</b>	<p>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)</p>
<b>Certifications</b>	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
<b>Warranty</b>	<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>
<b>Input voltage</b>	<p>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)</p> <p>Note: Power sources are sold separately unless you purchase the bundle SKU</p>
<b>Connectivity, standard</b>	Ultra-fast 802.11ax
<b>Ports</b>	<ul style="list-style-type: none"><li>1x 2.5 GbE Base-T PoE Class 4/6 uplink</li><li>2x 1 GbE Base-T PoE Class 3 downlink</li><li>2x 1 GbE Base-T downlink</li><li>DC power connector</li><li>LED status indicators</li><li>Reset/LED control button</li><li>Kensington security slot</li></ul>
<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>	<p>Dual-radio 802.11ax 2x2 5 GHz/2.4 GHz MIMO</p>

# HPE Services

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

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Image may differ from the actual product.

[PSN1014779722IEEN](#), March, 2026.

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