

HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (JP) AP22D (S1U77A)

What's new

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

2.5Gigabit 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 (JP) AP22D

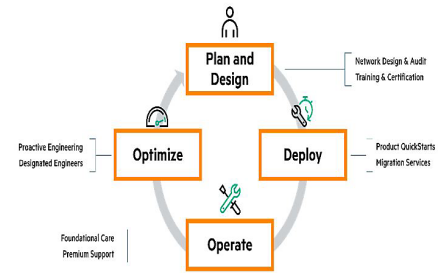
Product Number	S1U77A
Certifications	Wi-Fi Certified 6
Input voltage	Class 4 or 6 PoE (802.3at or bt)
Wi-Fi antenna	Dual Omni-directional 2x2 MIMO
Ports	1x 2.5GbE uplink and 4x 1GbE downlink
Mounting	Built-in Wall mount or included desk mount
Power consumption	51W (PoE) or 50W (DC)
Warranty	2-year hardware warranty, 90-day phone and chat install support

For additional technical information, available models and options, please reference the QuickSpecs

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- Architecture review and design
- Deployment, migration, and knowledge transfer
- Network optimization
- Intelligent Operations
- Customer Experience Management

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Our NaaS solution, HPE Aruba Networking Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from HPE Aruba Networking [here](#).

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