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› HPE Networking Instant On Access Point AP22 User Manual

Hewlett Packard Enterprise R6M49A

HPE Networking Instant On Access Point AP22 User Manual

MODEL: R6M49A

PRODUCT OVERVIEW

The HPE Networking Instant On Access Point AP22 is a Wi-Fi Certified 6 access point designed for small and growing businesses. It provides faster Wi-Fi, greater capacity, and reduced latency, supporting up to 75 devices simultaneously. This device is ideal for high-traffic environments such as boutique hotels, schools, and restaurants, offering strong security requirements and easy management.



Front view of the HPE Instant On AP22 Access Point, showing the "Instant On" logo and indicator lights.

KEY FEATURES

- Wi-Fi Certified 6 (802.11ax) for superior performance.
- 2x2:2 spatial streams for improved roaming and quick client connections.
- Supports up to 75 devices, balancing performance and budget.
- 1.7 Gbps wireless throughput and 1 GbE uplink port.
- Easy setup and management via the Instant On mobile app and web portal.
- Smart Mesh support to extend wireless networks without additional cabling.
- Advanced security features including WPA3 and Cloudflare integration.
- Multi-user, multiple inputs, and multiple output (MU-MIMO) functionality.



Visual representation of the AP22's superior Wi-Fi capabilities, including 802.11ax Wi-Fi 6 and 1.7 Gbps throughput.



Details on Wi-Fi Certified 6, including OFDMA, MU-MIMO, and WPA3 security.



Illustration of the AP22's versatility with MU-MIMO, supporting simultaneous full-rate Wi-Fi connections for various devices.

WHAT'S IN THE BOX

- HPE Networking Instant On AP22 Access Point
- Setup Guide
- Combined Ceiling and Wall Rail Mount Clip
- Ethernet Cable
- 12V Local Power Adapter (for R6M49A model)

SETUP AND INSTALLATION

The HPE Instant On AP22 is designed for quick and easy setup. You can install and configure your access point in minutes using the Instant On mobile app or web portal.

Powering Options

The AP22 can be powered using Power over Ethernet (PoE) or a local power adapter. This specific model (R6M49A) includes a 12V local power adapter and cord. If you have a PoE injector or PoE switch, you may opt for the R4W01A model which does not include the power adapter.



Rear view of the HPE Instant On AP22, detailing the power input, console port, and Ethernet port. Model information and certifications are visible. (Model: APIN0505, S/N: CNQ0KPPHVN, R4W01A)

Initial Setup Steps

1. **Connect Power:** Plug the 12V local power adapter into the AP22 and a power outlet, or connect an Ethernet cable from a PoE source to the AP22's Ethernet port.
2. **Mounting:** Use the included mount clip to secure the AP22 to a ceiling or wall.
3. **Download App:** Download the HPE Instant On mobile app from your device's app store.
4. **Follow In-App Instructions:** Open the app and follow the on-screen prompts to discover and configure your new access point. This includes setting up your Wi-Fi network name (SSID) and password.

Easy set up and management

- ✓ Onboard new switches and access points with ease
- ✓ Set up guest, employee, or IoT networks with a few taps
- ✓ Monitor and manage from anywhere
- ✓ No recurring fees

Meet HPE Networking Instant On 3.0

With a modernized user interface, streamlined network management, and enhanced security measures. Simpler, smarter, and more secure than ever.

The Instant On mobile app interface, demonstrating easy onboarding, network setup, and monitoring from anywhere.

OPERATING THE ACCESS POINT

Once set up, the HPE Instant On AP22 provides seamless wireless connectivity. Management is primarily done through the Instant On mobile app or web portal, offering comprehensive control without subscription fees.

Network Management

- **Guest Networks:** Easily create separate guest networks for visitors, ensuring security and bandwidth control.
- **Employee Networks:** Set up secure networks for employees with appropriate access levels.
- **IoT Networks:** Dedicated networks can be configured for Internet of Things (IoT) devices.
- **Smart Mesh:** Extend your Wi-Fi coverage to hard-to-reach areas by deploying additional Instant On APs, which automatically form a mesh network without requiring Ethernet cabling to each unit.



A diagram showing how Smart Mesh Wi-Fi extends coverage, eliminating dead zones without additional Ethernet cabling.

Deployment Examples

Here are common deployment scenarios for HPE Networking Instant On Access Points:



Illustrations of network configurations: Network with a Router, Network with a Switch, Access Point as a Router, and Expand with Smart Mesh.

MAINTENANCE

To ensure optimal performance and longevity of your HPE Instant On AP22, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and apply firmware updates through the Instant On app or web portal to ensure the latest features and security patches.
- **Physical Cleaning:** Keep the device free from dust and debris. Use a soft, dry cloth for cleaning. Ensure ventilation holes are not obstructed.
- **Environmental Conditions:** Operate the access point within recommended temperature and humidity ranges to prevent damage.
- **Network Monitoring:** Utilize the Instant On app to monitor network health and client connectivity, addressing any issues proactively.

TROUBLESHOOTING

If you encounter issues with your HPE Instant On AP22, try the following basic troubleshooting steps:

- **No Power/Indicator Lights Off:**
 - Verify the power adapter is securely connected to the AP and the power outlet.
 - If using PoE, ensure the PoE source (switch or injector) is powered on and functioning correctly.
- **No Internet Connection:**
 - Check the Ethernet cable connection from the AP to your router/modem or switch.
 - Ensure your internet service is active and your router/modem is working.
 - Restart the AP by unplugging and re-plugging the power.
- **Slow Wi-Fi Speed:**
 - Check for interference from other wireless devices.
 - Ensure the AP is placed optimally, away from obstructions.
 - Verify that the AP's firmware is up to date.
 - Check the Instant On app for any alerts or performance issues.
- **Cannot Connect to Wi-Fi:**
 - Ensure you are selecting the correct Wi-Fi network (SSID) and entering the correct password.
 - Restart your client device (phone, laptop).
 - Check the AP's status in the Instant On app.

For more advanced troubleshooting or persistent issues, refer to the HPE Instant On support documentation online or

contact customer support.

SPECIFICATIONS

Attribute	Value
Product Dimensions	6.3 x 6.3 x 1.5 inches
Item Weight	1.1 pounds
ASIN	B08FBMF85D
Item model number	Power Adapter Included (R6M49A)
Customer Reviews	4.4 out of 5 stars (126 ratings)
Date First Available	August 6, 2020
Manufacturer	Aruba a Hewlett Packard Enterprise company
Brand	Hewlett Packard Enterprise
Model Name	Power Adapter Included
Special Feature	Access Point Mode
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ax (Wi-Fi 6)
Compatible Devices	Wi-Fi Enabled
Frequency	5.00 GHz
Recommended Uses For Product	Business
Connectivity Technology	Wi-Fi
Color	white

PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Official product video for the HPE Networking Instant On AP22, highlighting its features and benefits for various business environments.

WARRANTY AND SUPPORT

HPE Networking Instant On products typically come with a limited lifetime warranty. For detailed warranty information, please refer to the official HPE website or the warranty card included with your product.

For technical support, product documentation, and software downloads, visit the [HPE Instant On Support Portal](#). You can also find additional resources and community forums there.

