

HPE Networking Instant On Access Points AP25

HPE Networking Instant On Indoor Access Point Wi-Fi 6 4x4 (RW) AP25 (R9B28A)



What's new

- Provides a high performance Dual Radio 802.11ax AP with 4 spatial streams (4X4) for higher capacity and coverage
- This series features maximum data rates of 4.8 Gbps in the 5 GHz band and 574 Mbps in the 2.4 GHz band (for an aggregate peak data rate of 5.3 Gbps)
- Includes 2.5 Gigabit Ethernet uplink port and 160 MHz channel bandwidth

Overview

Wi-Fi Certified 6TM HPE Networking Instant On Access Points AP25 delivers faster Wi-Fi speeds, greater capacity, and reduced latency between access points and devices for a superior Wi-Fi experience. With the AP25, you can upgrade your Wi-Fi network to boost performance across devices now, while preparing it for more mobile and IoT devices in the future.

Features include Orthogonal frequency-division multiple access (OFDMA), multi-user MIMO, and target wake time (TWT). With up to 4 spatial streams (4SS) and 160 MHz channel bandwidth (HE160), the Instant On AP25 provides outstanding wireless capabilities for businesses looking to future-proof their networks.

for increased wireless throughput

- Wi-Fi 6 certification supports all mandatory 802.11ax features that include MU-MIMO, OFDMA, TWT, and more
- Support for WPA2/WPA3 protected employee and guest login with Enhanced Open for per user guest access
- Instant On mobile app and/or cloud-based web portal allows for easy network management onsite or remotely

Features

Incredible Efficiency with Wi-Fi 6

The HPE Networking Instant On Access Points AP25 supports the Wi-Fi 6 standard, including features such as orthogonal frequency-division multiple access (OFDMA) and Multi-User MIMO (MU-MIMO), and Target Wake Time (TWT).

HPE Networking Instant On Access Points AP25 support features Target Wake Time (TWT) that helps establish a schedule when clients need to communicate with an access point improving efficiency for longer battery life.

The HPE Networking Instant On Access Points AP25 are 100% backward compatible, allowing businesses to support multiple clients (Wi-Fi 6) and legacy (11a/b/g/n/ac) at the same time.

Higher Performance and Superior Coverage

The HPE Networking Instant On Access Points AP25 delivers higher capacity, efficiency, and performance to small and growing businesses with device-dense environments.

High-performance HPE Networking Instant On Access Points AP25 brings powerful 4 spatial streams for superior Wi-Fi coverage.

Performance benefits of Orthogonal Frequency Division Multiple Access (OFDMA) are improved, meaning increased network performance and network capacity.

160 MHz channel bandwidth delivers increased mesh throughput and Wi-Fi speed ideal for high-def video streaming and virtual reality devices.

2.5 Gigabit Ethernet uplink port enhances wireless connectivity.

Safeguard Sensitive Data with WPA2/WPA3 and Enhanced Open

HPE Networking Instant On Access Points AP25 comes with integrated Wi-Fi Alliance security standard WPA2/WPA3 and Enhanced Open support for protected wireless access.

HPE Networking Instant On Access Points AP25 features integrated router, gateway, and firewall functionality.

HPE Networking Instant On Access Points AP25 supports Two-Factor Authentication (2FA) for additional layer of authentication, preventing attackers from remotely accessing your networks.

Create up to eight different SSIDs under one network name to keep your data safe, whether surfing the web or checking HR data.

Technical specifications		HPE Networking Instant On Indoor Access Point Wi-Fi 6 4x4 (RW) AP25
Product Number	R9B28A	
Differentiator	<p>In the Box:</p> <ul style="list-style-type: none"> HPE Networking Instant On Access Point Quick Start guide Combined ceiling and wall rail mount clip Ethernet cable <p>Add PoE or DC power source</p> <p>For use in those countries and regions where no specific regulatory domain is required.</p>	
Certifications	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3	
Input voltage	<p>PoE: 802.3at (class 4) DC power (12V)</p> <p>Note: Power sources are sold separately unless you purchase the bundle SKU</p>	
Wi-Fi antenna	<p>Antennas: Dual omni-directional 4x4 MU-MIMO</p> <p>Antenna Gain: 3.7 dBi in 2.4GHz 4.5 dBi in 5 GHz</p> <p>Maximum transmit power:</p> <p>5 GHz band: +24 dBm (+18 dBm per chain, 6 dB MIMO gain)</p> <p>2.4 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain)</p>	
Connectivity, standard	Ultra-fast 802.11ax, 4x4:4	
Ports	<p>1x 2.5 GbE Base-T uplink port</p> <p>DC power connector</p> <p>Bluetooth Low Energy (BLE)</p> <p>LED status indicators</p> <p>Reset/LED control button</p> <p>Kensington security slot</p>	
Mounting	Ceiling/Wall mount clip	
Power consumption	Max power consumption (worst-case): 20.1W (PoE), 15.9W (DC)	
Radio coverage	<p>Dual-radio 802.11ax</p> <p>4x4 5 GHz MU-MIMO</p> <p>2x2 2.4 GHz MU-MIMO</p>	
Warranty	<p>Instant On 2-year warranty includes 24X7 phone support for the first 90 days and chat support for the entire warranty period.</p> <p>Community support is available for the life of the product.</p>	
Product dimensions	5.1 x 20.3 cm	
Weight	1.18 kg	

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: 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.

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

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

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