Instant on

HPE Networking Instant On Access Points AP25

HPE Networking Instant On Access Point Bundle with PSU (EU) AP25 (R9B33A)

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 for increased wireless throughput

– Wi-Fi 6 certification supports all mandatory 802.11ax features that

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.

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 Wait 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 Access Point Bundle with PSU (EU) AP25
Product Number	R9B33A
Differentiator	In the Box: Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. HPE Networking Instant On Access Point Quick Start guide Combined ceiling and wall rail mount clip Ethernet cable DC power adapter with select bundles Regulatory domain of EU.
Certifications	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
Input voltage	PoE: 802.3at (class 4) DC power (12V) Note: Power sources are sold separately unless you purchase the bundle SKU
Wi-Fi antenna	Antennas: Dual omni-directional 4x4 MU-MIMO Antenna Gain: 3.7 dBi in 2.4GHz 4.5 dBi in 5 GHz Maximum transmit power: 5 GHz band: +24 dBm (+18 dBm per chain, 6 dB MIMO gain) 2.4 GHz band: +21 dBm (+18 dBm per chain, 3 dB MIMO gain)
Connectivity, standard	Ultra-fast 802.11ax, 4x4:4
External I/O ports	1x 2.5 GbE Base-T uplink port DC power connector Bluetooth Low Energy (BLE) LED status indicators Reset/LED control button Kensington security slot
Mounting	Ceiling/Wall mount clip
Power consumption	Max power consumption (worst-case): 20.1W (PoE), 15.9W (DC)
Radio coverage	Dual-radio 802.11ax 4x4 5 GHz MU-MIMO 2x2 2.4 GHz MU-MIMO
Warranty	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.
Product dimensions	5.1 x 20.3 cm
Weight	1.18 kg

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

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.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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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.

PSN1014652542CZEN, November, 2025.

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