

HPE Networking Instant On Access Points AP27

HPE Networking Instant On Outdoor Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (RW) AP27 (S1T43A)



What's new

- Wi-Fi CERTIFIED 6™ support for up to 75 user devices.
- Provide Wi-Fi for the outdoors.
- IP67 rated for outdoor use from -40°C to 60°C.
- The hardened external shell protects from rain, wind, and dust.
- Great at extending Wi-Fi to a patio, outdoor workspace, or curbside deliveries.

Overview

The HPE Networking Instant On Access Point AP27 is a dual radio outdoor access point designed to keep your employees and customers productive outdoors. This Wi-Fi CERTIFIED 6™ access point supports up to 75 simultaneous users and offers modern Wi-Fi standards in a robust, tough casing. These dual-band omni-directional radios offer impressive range and the same great features as other enterprise-class access points, but without any ongoing subscription fees. The AP27 features integrated wall- or pole-mounting brackets in a ruggedized casing for flexible mounting configurations in outdoor environments. The AP27 offers Power over Ethernet (PoE) 802.3af (Class 4) with a fully-integrated management experience in the Instant On mobile app or web portal.

- Introducing new TEC Certified SKU (S3U62A) for India

Features

Built to Withstand the Elements

The HPE Networking Instant On Access Point AP27 is water- and dust-resilient built to IP67 standards that make it suitable for outdoor use

The hardened outer shell is capable of withstanding the bitter cold and harsh temperatures of all seasons.

An operating temperature as low as -40°C and as high as 60°C makes the AP27 ideal for any environment.

Create a Custom Guest Access Experience

HPE Networking Instant On Access Point AP27 creates a new avenue of revenue by providing connectivity to customers and employees in outside spaces

Guests and Employees experience quick and easy onboarding with the free-to-setup captive portal from the Instant On app, or a web portal.

Keep customers engaged and staying longer with easy and intuitive guest access and be sure employees are more productive with any time wireless access.

802.11ax Wi-Fi Certified 6

The HPE Networking Instant On Access Point AP27 features Orthogonal Frequency-Division Multiple Access (OFDMA) which allows access points to handle multiple Wi-Fi 6 capable clients on each channel simultaneously, improving efficiency by boosting overall capacity and 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, thereby reducing power consumption and extending client battery life.

Multiple Input, Multiple Output (MIMO) allows the access point to serve multiple clients (Wi-Fi 5 and Wi-Fi 6) simultaneously.

Technical specifications	HPE Networking Instant On Outdoor Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (RW) AP27
Product Number	S1T43A
Differentiator	<p>In the Box: Bundle includes access point, PSU, mount kit, and Ethernet cable.</p> <p>HPE Networking Instant On Access Point Quick Start guide Combined ceiling and wall rail mount clip DC power adapter with select bundles</p> <p>For use in those areas where no specific regulatory domain is required.</p>
Wi-Fi antenna	<p>Antennas: Dual omni-directional 2x2 MIMO Antenna Gain: 3.2 dBi in 2.4GHz 5.4 dBi in 5GHz Maximum transmit power: 5GHz band: +25 dBm (+22 dBm per chain, 3 dB MIMO gain) 2.4GHz band: +25 dBm (+22 dBm per chain, 3 dB MIMO gain)</p>
Certifications	Wi-Fi Alliance certified (WFA) 802.11ax with (Wi-Fi 6), WPA2, WPA3
Warranty	<p>Instant On 2-year warranty includes 24X7 phone support for the first 90 days and chat support. See the warranty duration. Community support is available for the life of the product.</p>
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>
Connectivity, standard	Ultra-fast 802.11ax
Ports	<p>1 GbE Base-T uplink port LED status indicators Reset button Kensington security slot</p>
Mounting	Wall-mount bracket
Power consumption	Max power consumption: 14.6W (PoE)
Radio coverage	<p>Dual-radio 802.11ax 2x2 5GHz MIMO 2x2 2.4GHz MIMO</p>

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.

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- **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.

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Address your specific IT deployment project needs with tailored project management and deployment services.

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- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

[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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