

### Overview

### HPE Networking Instant On Access Points AP17

**Designed for harsh outdoor environments which could encounter rain, snow, hail, or extreme temperatures.**

Small businesses are facing a number of challenges due to new and emerging technology, making it pretty overwhelming to keep up. Mobile devices and cloud-based applications such as Microsoft Office 365 are changing the way you engage with customers, suppliers and staff. And because Wi-Fi plays such a crucial role today, you need a purpose-built solution that keeps your business on the go. It's tough enough to set up a new payroll system or choose the most effective point of sale solution—choosing the best Wi-Fi for your business shouldn't be hard.

The HPE Networking Instant On AP17 Outdoor Access Points is the ideal solution for expanding coverage and signal strength for any wireless network. The outdoor-rated enclosure is designed for harsh outdoor environments, extending quality Wi-Fi to outdoor seating areas in restaurants and cafés, or patios and swimming pools in boutique hotels.

### Models

HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (US) AP17	R2X10A
HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (RW) AP17	R2X11A
HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (EG) AP17	R2X12A
HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (JP) AP17	R2X14A

## Standard Features

### Key Features

- Smart Mesh technology
  - 802.11ac Wave 2 2X2:2 MU-MIMO radios
  - Remote management and monitoring capability
  - Separate guest and employee Wi-Fi network
  - Mobile app in multiple languages and cloud portal
  - Easy client/device blocking
  - Built-in DHCP/NAT support
  - App bandwidth limiting per network/user session
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### Product highlights

#### Simplicity at its best

- Wi-Fi that works right out of box
- Easy-to-use mobile app for deployment and upkeep.

#### Security you can count on

- Wi-Fi that keeps business and visitor traffic separate
- Latest WPA2/WPA3 authentication for secure network access

#### We've got you covered

- Industry leading warranty and support
  - Smart Mesh technology that covers every inch of your business
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### In the box

- 1 x Instant On AP17 Indoor Access Point
  - 1 x Instant On AP17 Quick Start guide
  - 1 x M20x1.5 cable gland
  - 1 x Mount bracket (solid surface)
  - 2 x Self-tapping screw (mount AP with bracket)
  - 1 x Grounding lug
  - 1 x M4x8 screw (mount grounding lug)
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### Antennas

Two dual-band omni- directional antennas (4.7 dBi gain at 2.4 GHz, 4.2 dBi gain at 5 GHz)

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### Warranty and Support

Instant On 2-Year warranty with 24X7 phone support for first 90 days and chat support for the entire warranty period. Community support as long as you own the products.

Should you require longer support, please purchase a Foundation Care contract for your APs. The SKUs are HK1Y0E (3 years) and H30GZE (5 years).

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## Configuration Information

### Ordering Information

#### Build To Order:

BTO is a standalone unit with no integration. BTO products ship standalone are not part of a CTO or Rack-Shippable solution.

#### BTO Base Models

Rule #	Description	SKU
	HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (US) AP17	R2X10A
	<ul style="list-style-type: none"> <li>Add PoE or DC Power Source</li> </ul>	
	HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (RW) AP17	R2X11A
	<ul style="list-style-type: none"> <li>Add PoE or DC Power Source</li> </ul>	
	HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (EG) AP17	R2X12A
	<ul style="list-style-type: none"> <li>Add PoE or DC Power Source</li> </ul>	
	HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (IL) AP17	R2X13A
	<ul style="list-style-type: none"> <li>Smart Mesh is not supported on 5 GHz radio for this SKU, this AP needs a wired connection to the main Instant On network. The Israel (IL) Regulatory Domain does not allow outdoor WLAN on any channels in the 5GHz frequency band.</li> </ul>	
	HPE Networking Instant On Outdoor Access Point 2x2 11ac Wave2 (JP) AP17	R2X14A
	<ul style="list-style-type: none"> <li>Add PoE or DC Power Source</li> </ul>	

**Notes:** [OCA Only Model Selection Form – HPE Aruba Networking > Instant On > Wireless Access Points: Outdoor AP17](#)

### Spares

#### Mount Kits

For AP17 Std (Min 0 // max 99) User Selection (min 0 // max 99)

Remarks	Description	SKU
	HPE Networking Instant On ION-MNT-OTDR Outdoor Bracket	R3R57A

**Notes:** [AP17 Unit ships with one plastic mount](#)

### Power Options

For AP17 Std (Min 0 // max 1) User Selection (min 0 // max 1)  
Instant On 15.4W 802.3af PoE Midspan Injector

Rule #	Description	SKU
	HPE Networking Instant On 802.3af 15.4W POE Midspan Injector	R8W31A

**Notes:**

- [If this Power Supply is selected, bring in \(Min 1 // Max 1\) Localized power cord based on the Localization Menu](#)
- [Most devices are PoE powered from switch so these are optional.](#)



## Technical Specifications

### Radios

- Dual radio for simultaneous dual-band operation
  - 5 GHz 802.11ac 2x2 MIMO for up to 867 Mbps wireless data rate, with Multi User MIMO support (Wi-Fi 5)
  - 2.4 GHz 802.11n 2x2 MIMO for up to 300 Mbps wireless data rate (Wi-Fi 4)
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### Interfaces

- 1 x Uplink Gigabit Ethernet port, with POE-in support (802.3af)
  - 1 x Bluetooth Low Energy (BLE) radio
  - 2 x LED status indicators
  - 1 x Reset/LED control button
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### Physical characteristics

- **Dimensions:** 187 x 156 x 67 mm (7.4 x 6.1 x 2.6 in), H x W x D
  - **Weight:** 650 g (1.4 lb)
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### Power

- Power over Ethernet (POE): 802.3af (class 3)  
**Notes:** Power source issold separately
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### Environmental and reliability

- **Operating temperature:** -40° C to +50° C (-40° F to +122° F)
  - **Humidity:** 5% to 93% non-condensing
  - **MTBF:** 300khrs (34yrs) at +25° C
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### Management

- Instant On mobile application (Android and iOS)
  - Cloud Portal
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### Industry certifications

- IEC 60950/62368 CB
  - UL2043 for air-handling space (plenum rating)
  - EN 60601-1-1 and EN 60601-1-2 (for deployment in medical environments)
  - Wi-Fi Alliance certified (WFA) 802.11ac with Wave 2 (Wi-Fi 5), WPA2, WPA3, Enhanced Open (OWE).
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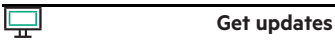
## Summary of Changes

Date	Version History	Action	Description of Change
18-Nov-2024	Version 8	Changed	SKUs description were updated.
07-Nov-2022	Version 7	Changed	Configuration Information section was updated.
04-Apr-2022	Version 6	Changed	Configuration Information section was updated.
07-Sep-2021	Version 5	Changed	Standard Features and Configuration Information sections were updated.
14-Jun-2021	Version 4	Changed	Standard Features section was updated.
04-Nov-2019	Version 3	Changed	Standard Features was updated.
03-Sep-2019	Version 2	Changed	Overview, Standard Features and Configuration Information sections were updated.
01-Jul-2019	Version 1	New	New QuickSpecs



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