

# HPE Networking Instant On Access Point Series Wi-Fi 6/6E

High-speed Wi-Fi designed with small and medium business in mind



## Product overview

The rise of the remote and hybrid workplace has increased pressure on business networks. Existing Wi-Fi infrastructure is struggling to support the explosion of devices and bandwidth-hungry applications — all contributing to spotty video calls and sluggish download speeds.

## Key features

- Ultra-fast 802.11ax
- Available 2.5 Gigabit Ethernet uplink port
- Wi-Fi CERTIFIED 6™ (Wi-Fi 6)
- MU-MIMO performance
- Smart Mesh Wi-Fi support
- Easy-to-use web and mobile app for setup and management
- Secure guest Wi-Fi with simple setup
- Category-based application classification, visibility, and control
- Superior client roaming with ClientMatch

## Highlights

- Simplicity at its best
  - Wi-Fi that works right out of the box
  - Performance that keeps your customers happy
- Security you can count on
  - Protection against compromised administrative login credentials with Two-Factor Authentication
  - Future-ready WPA2/WPA3/OWE authentication for secure Wi-Fi access
- We've got you covered
  - No extra licensing fees
  - Industry-leading warranty and support



The HPE Networking Instant On Access Point Wi-Fi 6 portfolio is designed to meet the increasing volume of connected devices that SMBs support. Our range of Wi-Fi Certified 6 access points deliver superior performance, coverage, and speed at a competitive price — perfect for small and growing businesses.

From IoT and point-of-sale devices to hundreds of guests connecting to your network, you need hardware that can keep up with changing daily demands without intervention. Instant On Wi-Fi 6 access points are designed to host from 30 to over 150 simultaneous connections. Our smart cloud management features are simple to use and quick to set up, with many enterprise-class features enabled by default.

The Wi-Fi 6 family features MU-MIMO, OFDMA, and up to 4 spatial streams to keep users and devices connected while the built-in TPM, WPA3, and wireless access control lists keep your network secure. Setting up guest and employee networks is just a few taps away on the Instant On mobile app. Smart Mesh and range-extending features in the mobile app combined with automatic beamforming provide coverage to those hard-to-reach areas of your business.

We know the critical role that Wi-Fi plays in business today — no one can afford downtime. The Instant On Wi-Fi 6 family is designed for rapid deployment and simplified management. Be it mounting hardware, remote device management, or access to the latest business-grade software, the Instant On Wi-Fi 6 hardware makes it easy to set up and manage a high-performance network.

## Product line-up

The HPE Networking Instant On Access Point Wi-Fi 6 family has the right access point to fit your business needs. From cost-effective single room streaming to conference room collaboration to exhibition hall environments, our wireless solutions make your network accessible and efficient.

The AP25 is our top performer, with a 4x4 antenna array that supports 4 spatial streams to provide coverage and speed in device-dense networks. AP25 is best if used in common areas where 100 or more of your customers gather. With a 2.5GbE uplink port, AP25 enables more network bandwidth to support the wireless maximum

5.3Gbps throughput for connected clients compared to the traditional 1GbE uplink in other Wi-Fi 6 access points.

Instant On AP32 is a Wi-Fi CERTIFIED 6™ access point with 6GHz spectrum capabilities to support Wi-Fi 6E compatible devices. With this dedicated band you'll experience lower latency and faster transmit rates (up to 3.6 Gbps) for your Wi-Fi 6-enabled devices. Support up to 75 devices with this 2x2 tri-band wireless access point and bring the cloud closer to your edge.

The AP22 is our core Wi-Fi 6 access point that provides great value. It hosts a 2x2 antenna array supporting 2 spatial streams with a maximum aggregate data rate of 1.7 Gbps. The AP22 is ideal for corporate offices, healthcare facilities and hybrid classrooms that require EN certification. The AP22 offers the same security and reliability as the AP25.

The AP22D is the more versatile version of the AP22. It has the same antenna array and spatial streams (2x2:2) but also has a 2.5GbE uplink port and four 1GbE downlink ports for hardwired devices. The AP22D can also supply Power over Ethernet (PoE) to two of the downlink ports at 15W (PoE 802.3af) when powered with Class 6 PoE 802.3bt or the optional DC power supply. When powered by Class 4 PoE 802.3at, the AP22D will supply power to one port at 15W (PoE 802.3af). This makes the AP22D great for IP phones or receipt printers in areas that need more Ethernet ports and only one in-room Ethernet port is available. The AP22D is great for boutique hotel rooms, home offices, and reception areas featuring a built-in wall mount, or can be desk mounted with the included stand.

AP21 is the low-density workhorse of the Wi-Fi 6 series. Capable of hosting up to 1.5 Gbps over two dual-band antennas, this access point brings high speed connectivity to areas 1500 square feet and smaller. The AP21 access point is ideal for set-and-forget deployments that need only 1-2 APs, like small retail stores, pop-up shops, and startups.

Take your business outdoors with the Instant On AP27. This fast outdoor Wi-Fi 6 AP is IP67 rated, keeping you connected through hot summers, frigid winters, rain, sleet, and snow. Able to withstand temperatures from -40°F to 149°F, you can confidently connect up to 75 devices over Wi-Fi 6 to extend coverage to parking lots, outdoor workspaces, and hotel pools.



## Next generation 802.11ax Wi-Fi features

### 160MHz client bandwidth support (AP25 and AP32 exclusive)

With 160MHz bandwidth support in 11ax, HE160 mode delivers higher performance with 160MHz supported clients. AP25 Smart Mesh performance can be doubled with the 160MHz bandwidth support on 5GHz backhaul.

### Orthogonal Frequency Division Multiple Access (OFDMA)

Allows access points (APs) to handle multiple Wi-Fi 6-capable clients on each channel simultaneously — regardless of device or traffic type. This improves efficiency by boosting overall capacity, while reducing latency.

### Target Wake Time (TWT)

Ideal for IoTs that communicate infrequently, TWT establishes a schedule for when clients need to communicate with an AP. This helps reduce power consumption, extending the battery life of clients.

### Multiuser, Multiple Input, Multiple Output (MU-MIMO)

Allows you to serve multiple clients (Wi-Fi 5 and Wi-Fi 6) at the same time.

### 1024-Quadrature Amplitude Modulation (1024-QAM)

Enables a 25% data increase over 256 QAM, improving throughput of access points and devices.

### SSID scheduling

Allows you to automatically enable or disable your networks. Using the Instant On app or web portal, set network schedules to coincide with visitor hours or times when you want to provide guest connectivity.

### Smart Mesh

Extend your network coverage wirelessly using the Smart Mesh feature. Once the first AP is connected, simply plug in the second AP to a second power source with the DC power adapter. With a single click or tap, the secondary APs will connect to the primary AP over the 5GHz wireless band, providing extended network coverage without network cables.

### Trusted Platform Module (TPM)

All Instant On access points have an installed TPM for secure storage of credentials, keys, and boot codes.

### Basic Service Set Coloring (BSS Coloring)

Allows the network to assign a “color” tag to a channel and reduce the threshold for interference. Network performance is improved because APs on the same channel can be closer together and still transmit at the same time — as long as they are different colors.

### Advanced Cellular Coexistence (ACC)

Uses built-in filtering to automatically minimize the impact of interference from cellular networks, distributed antenna systems (DAS), and commercial small-cell or femtocell equipment.

### Low Density Parity Check (LDPC)

Delivers high-efficiency error correction for increased throughput.

### Transmit Beamforming (TXBF)

Delivers increased signal reliability and range.

### ClientMatch

Uses a system-level view of the entire network to continuously monitor the health of connected devices. The data of these connected devices is shared among APs to prevent over-subscriptions. ClientMatch will dynamically move clients appropriately without the need for intervention.

### Active Ratio Management (ARM)

Solves wireless networking challenges for large or dense installs that support mobile devices like phones or laptops. ARM will intelligently adjust the channel and transmit power for frequency to ensure all users are allowed access. ARM is also application-aware and will change a device's band depending on the type of networking traffic they utilized.

## The HPE Networking Instant On differentiators

### Tailored user experiences

Customize the user experience with logos, authentications, and rules of use. Limit duration of use. Use an external portal or RADIUS server to track guest login. Create open guest networks for quick and easy access. With the Instant On mobile app, you can apply bandwidth limits for your clients or your network to prioritize specific networks. With 3rd party integrations, view more granular details like guest sites visited, VPN tunnel, or create a more powerful captive portal.

### PPPoE and static IP

Instant On APs can handle PPPoE configuration with VLAN support, and act as a DHCP server, providing IP addresses to the wireless network. Assigning a static IP address on an access point allows users to use the same IP address regardless of where the access point is connected, making it easier to access the setup page for any configuration changes.

### No hidden fees

All features are included in the price of the hardware — there are no recurring subscription or licensing fees. Expert-level community support and industry-leading 2-year warranty are also included. 24/7 phone support for the first 90 days, starting when you onboard the device to the cloud, and chat support for the remainder of the warranty.



## Technical specifications

### In the box

- Instant On Access Point
- Instant On Quick Start Guide
- Combined ceiling and wall rail mount clip
- Desktop mount (AP22D only)
- Ethernet cable (except AP27)
- DC power adapter with select bundles

	HPE Networking Instant On Access Point AP21	HPE Networking Instant On Access Point AP22	HPE Networking Instant On Access Point AP22D
<b>Radios</b>	Dual-radio 802.11ax/n 2x2 5GHz/2.4GHz MIMO	Dual-radio 802.11ax 2x2 5GHz/2.4GHz MIMO	Dual-radio 802.11ax 2x2 5GHz/2.4GHz MIMO
<b>Maximum bandwidth support</b>	20/40/80MHz	20/40/80MHz	20/40/80MHz
<b>Maximum data rate**</b>	1.2Gbps (5GHz) 300 Mbps (2.4GHz)	1.2Gbps (5GHz) 574 Mbps (2.4GHz)	1.2Gbps (5GHz) 574 Mbps (2.4GHz) 900 Mbps (aggregate switch capacity)
<b>Interfaces</b>	1 GbE Base-T uplink port DC power connector LED status indicators Reset/LED control button Kensington security slot	1 GbE Base-T uplink port DC power connector Bluetooth Low Energy (BLE) LED status indicators Reset/LED control button Kensington security slot	1x 2.5GbE Base-T PoE Class 4/6 uplink 2x 1GbE Base-T PoE Class 3 downlink 2x 1GbE Base-T downlink DC power connector LED status indicators Reset/LED control button Kensington security slot
<b>Recommended number of devices</b>	50	75	75
<b>Antennas</b>	Dual omni-directional 2x2 MIMO	Dual omni-directional 2x2 MIMO	Dual semi-directional 2x2 MIMO
<b>Antenna gain</b>	1.7dBi in 2.4GHz 4.8dBi in 5GHz	4.9dBi in 2.4GHz 5.7dBi in 5GHz	5.2dBi in 2.4GHz 5.4dBi in 5GHz
<b>Maximum transmit power</b>	5GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain) 2.4GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain)	5GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain) 2.4GHz band: +20dBm (+17dBm per chain, 3dB MIMO gain)	5GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain) 2.4GHz band: +20dBm (+17dBm per chain, 3dB MIMO gain)
<b>Power options</b>	PoE: 802.3af (class 3) DC power (12V)	PoE: 802.3af (class 3) DC power (12V)	PoE: 802.3bt (class 6) Full functionality or 802.3at (class 4) limited functionality DC power (48V)
<b>Power over Ethernet</b>	PoE In: 802.3af	PoE In: 802.3af	PoE In: 802.3at/802.3bt POE Out: 2x 15W PoE (802.3af)
<b>Max power consumption</b>	10.1W (PoE) 10.9W (DC)	10.1W (PoE) 8.8W (DC)	51W (PoE) 50W (DC)
<b>Physical specifications (W x D x H)</b>	145mm x 145mm x 51mm Weight: 255g	153mm x 153mm x 37mm Weight: 500g	86mm x 47mm x 150mm Weight: 360g
<b>Mounting</b>	Ceiling/Wall-mount clip	Ceiling/Wall-mount clip	Gang wall box-mount kit Desk-mount kit
<b>Operating temperature</b>	0° C to +40° C (+32° F to +104° F)	0° C to +40° C (+32° F to +104° F)	0° C to +40° C (+32° F to +104° F)
<b>Reliability (MTBF - Years)</b>	106	91	88
<b>Management options</b>	Mobile application Cloud portal	Mobile application Cloud portal	Mobile application Cloud portal
<b>Warranty &amp; support</b>	Instant On 2-Year	Instant On 2-Year	Instant On 2-Year

\*Only two active bands are selectable.

\*\*Practical data rate will vary based on environmental factors such as building materials, device density, other wireless broadcasting devices, client support for 802.11ax technology, and proximity to the access point.

\*\*\*900Mbps maximum switching capacity.



## Technical specifications

	HPE Networking Instant On Access Point AP25	HPE Networking Instant On Access Point AP32	HPE Networking Instant On Access Point AP27
<b>Radios</b>	Dual-radio 802.11ax 4x4 5GHz MU-MIMO 2x2 2.4GHz MU-MIMO	Dual-Radio, tri-band 802.11ax 2x2 6GHz/5GHz/2.4GHz* MIMO	Dual-radio 802.11ax 2x2 5GHz MIMO 2x2 2.4GHz MIMO
<b>Maximum bandwidth support</b>	20/40/80/160MHz	20/40/80/160MHz	20/40/80MHz
<b>Maximum data rate**</b>	4.8Gbps (5GHz) 574 Mbps (2.4GHz)	2.4Gbps (6GHz) 1.2Gbps (5GHz) 574 Mbps (2.4GHz)	1.2Gbps (5GHz) 574 Mbps (2.4GHz)
<b>Interfaces</b>	1x 2.5GbE Base-T uplink port DC power connector Bluetooth Low Energy (BLE) LED status indicators Reset/LED control button Kensington security slot	1x 2.5GbE Base-T uplink port DC power connector LED status indicators Reset/LED control button Kensington security slot	1GbE Base-T uplink port LED status indicators Reset button Kensington security slot
<b>Recommended number of devices</b>	100+	75	75
<b>Antennas</b>	Dual omni-directional 4x4 MU-MIMO	Dual omni-directional 2x2 MIMO	Dual omni-directional 2x2 MIMO
<b>Antenna gain</b>	3.7dBi in 2.4GHz 4.5dBi in 5GHz	2.8dBi in 2.4GHz 4.5dBi in 5GHz and 6GHz	3.2dBi in 2.4GHz 5.4dBi in 5GHz
<b>Maximum transmit power</b>	5GHz band: +24dBm (+18dBm per chain, 6dB MIMO gain) 2.4GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain)	5GHz & 6GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain) 2.4GHz band: +21dBm (+18dBm per chain, 3dB MIMO gain)	5GHz band: +25dBm (+22dBm per chain, 3dB MIMO gain) 2.4GHz band: +25dBm (+22dBm per chain, 3dB MIMO gain)
<b>Power options</b>	PoE: 802.3at (class 4) DC power (12V)	PoE: 802.3at (class 4) DC power (12V)	PoE: 802.3at (class 4)
<b>Power over Ethernet</b>	PoE In: 802.3at	PoE In: 802.3at	PoE In: 802.3at
<b>Max power consumption</b>	20.1W (PoE) 15.9W (DC)	12.9W (PoE) 11.0W (DC)	14.6W (PoE)
<b>Physical specifications (W x D x H)</b>	200mm x 200mm x 45mm Weight: 775g	160mm x 160mm x 39mm Weight: 520g	180mm x 232mm x 120mm Weight: 1170g
<b>Mounting</b>	Ceiling/Wall-mount clip	Ceiling/Wall-mount clip	Wall-mount bracket
<b>Operating temperature</b>	0° C to +40° C (+32° F to +104° F)	0° C to +40° C (+32° F to +104° F)	-40°C to +65°C (-40°F to +149°F)
<b>Reliability (MTBF - Years)</b>	76	62	248

\*Only two active bands are selectable.

\*\*Practical data rate will vary based on environmental factors such as building materials, device density, other wireless broadcasting devices, client support for 802.11ax technology, and proximity to the access point.



## Ordering information

### HPE Networking Instant On Access Point AP21 — Indoor



Physical specifications: 145mm x 145mm x 51mm | Weight: 255g

Part number	Description	Comments
<b>Access point</b>		
<b>S1T08A</b>	HPE Networking Instant On Access Point AP21 Dual Radio 2x2 Wi-Fi 6 (US) AP21	Add PoE or DC power source
<b>S1T09A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW) AP21	Add PoE or DC power source
<b>S1T10A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (JP) AP21	Add PoE or DC power source
<b>S1T11A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (EG) AP21	Add PoE or DC power source
<b>S1T12A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (IL) AP21	Add PoE or DC power source
<b>S1T19A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW1) AP21	Add PoE or DC power source
<b>Access point with DC PSU</b>		
<b>S1T13A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (US) AP21	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T14A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (EU) AP21	Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T15A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (RW) AP21	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T20A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (RW1) AP21	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T16A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (JP) AP21	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>Access point 5-pack</b>		
<b>S1T17A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 5-Pack (US) AP21	Bundle includes 5 access points, mount kits, and Ethernet cables
<b>S1T18A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 5-Pack (RW) AP21	Bundle includes 5 access points, mount kits, and Ethernet cables

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP21 — Indoor

Part number	Description	Comments
<b>Power options</b>		
<b>R9M78A</b>	HPE Networking Instant On 12V/18W Power Adaptor US EU	Includes power cord with US and EU plugs
<b>R9M79A</b>	HPE Networking Instant On 12V/18W Power Adaptor RW	Includes power cord with Rest-of-world plugs
<b>R8W31A</b>	HPE Networking Instant On 802.3af 15.4W PoE Midspan Injector	Add AC power cord <i>This injector for indoor installation only</i>
<b>Mounting options</b>		
<b>JW044A</b>	HPE Networking Instant On AP Ceiling Rail Mount Kit	Spare mount to attach to a dropped ceiling
<b>Q9U25A</b>	HPE Networking Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP21
<b>S2N68A</b>	HPE Networking Instant On AP21 Flush Mount Sleeve	Add with above AP or bundle SKUs for aesthetic design

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP22 — Indoor



Physical specifications: 153mm x 153mm x 37mm | Weight: 500g

Part number	Description	Comments
<b>Access point</b>		
<b>R4W01A</b>	HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (US) AP22	Add PoE or DC power source
<b>R4W02A</b>	HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (RW) AP22	Add PoE or DC power source
<b>R4W03A</b>	HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (JP) AP22	Add PoE or DC power source
<b>R4W04A</b>	HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (EG) AP22	Add PoE or DC power source
<b>R4W05A</b>	HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (IL) AP22	Add PoE or DC power source
<b>S0G23A</b>	HPE Networking Instant On Indoor Access Point 2x2 Wi-Fi 6 (RW1*) AP22	Add PoE or DC power source
<b>Access point with DC PSU</b>		
<b>R6M49A</b>	HPE Networking Instant On Access Point Bundle with PSU (US) AP22	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>R6M50A</b>	HPE Networking Instant On Access Point Bundle with PSU (EU) AP22	Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. Ships in color retail packaging
<b>R6M51A</b>	HPE Networking Instant On Access Point Bundle with PSU (WW) AP22	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging <i>Add # options to choose the right power cord for the specific country</i>
<b>S0G19A</b>	HPE Networking Instant On Access Point Bundle with PSU (RW1) AP22	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>R6R77A</b>	HPE Networking Instant On Access Point Bundle with PSU (JP) AP22	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>R6R78A</b>	HPE Networking Instant On Access Point Bundle with PSU (IL) AP22	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>R6R79A</b>	HPE Networking Instant On Access Point Bundle with PSU (EG) AP22	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.





## Ordering information

### HPE Networking Instant On Access Point AP22 — Indoor

Part number	Description	Comments
<b>Power options</b>		
<b>R9M78A</b>	HPE Networking Instant On 12V/18W Power Adaptor US EU	Includes power cord with US and EU plugs
<b>R9M79A</b>	HPE Networking Instant On 12V/18W Power Adaptor RW	Includes power cord with Rest-of-Wworld plugs
<b>R8W31A</b>	HPE Networking Instant On 802.3af 15.4W PoE Midspan Injector	Add AC power cord <i>This injector for indoor installation only</i>
<b>Mount kit</b>		
<b>JW044A</b>	HPE Networking Instant On AP Ceiling Rail Mount Kit	Spare mount to attach to a dropped ceiling
<b>Q9U25A</b>	HPE Networking Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP22
<b>R6P90A</b>	HPE Networking Instant On AP22 flush mount sleeve	Add with above AP or bundle SKUs for aesthetic design

Note: If a replacement is requested for the power adaptor in the bundle, you will receive the R2X20A and R3X85A part numbers which might be a different form factor than the power adaptor in the AP22 bundle box.

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP22D — Indoor



Physical specifications: 86mm x 47mm x 150mm | Weight: 360g

Part number	Description	Comments
<b>Access point</b>		
<b>S1U77A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (JP) AP22D	Add PoE or DC power source
<b>S1U78A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (EG) AP22D	Add PoE or DC power source
<b>S1U79A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (IL) AP22D	Add PoE or DC power source
<b>S1U75A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (US) AP22D	Add PoE or DC power source
<b>S1U76A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW) AP22D	Add PoE or DC power source
<b>S1T35A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 (RW1*) AP22D	Add PoE or DC power source
<b>Access point with DC PSU</b>		
<b>S0J32A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (US) AP22D	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>S0J33A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (EU) AP22D	Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. Ships in color retail packaging
<b>S0J34A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (RW) AP22D	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging <i>Add # options to choose the right power cord for the specific country</i>
<b>S0J35A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Bundle with PSU (JP) AP22D	Bundle includes access point, PSU, mount kit and Ethernet cable. Ships in color retail packaging
<b>Access point with 5-pack</b>		
<b>S1U80A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Pack of 5 (US) AP22D	Bundle includes 5 access points, mount kits, and Ethernet cables <i>Add PoE or DC power source</i>
<b>S1U81A</b>	HPE Networking Instant On Access Point Dual Radio 2x2 Wi-Fi 6 Pack of 5 (RW) AP22D	Bundle includes 5 access points, mount kits, and Ethernet cables <i>Add PoE or DC power source</i>
<b>Power options</b>		
<b>R3X86A</b>	HPE Networking Instant On 48V/50W PSU Power Adaptor	Add AC power cord
<b>R9M77A</b>	HPE Networking Instant On 30W 802.3at PoE Midspan Injector	Add AC power cord <i>AP can provide PoE out on E1 only with this injector</i>

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP25 — Indoor



Physical specifications: 200mm x 200mm x 45mm | Weight: 775g

Part number	Description	Comments
<b>Access point</b>		
<b>R9B27A</b>	HPE Networking Instant On Indoor Access Point 4x4 Wi-Fi 6 (US) AP25	Add PoE or DC power source
<b>R9B28A</b>	HPE Networking Instant On Indoor Access Point 4x4 Wi-Fi 6 (RW) AP25	Add PoE or DC power source
<b>R9B29A</b>	HPE Networking Instant On Indoor Access Point 4x4 Wi-Fi 6 (JP) AP25	Add PoE or DC power source
<b>R9B30A</b>	HPE Networking Instant On Indoor Access Point 4x4 Wi-Fi 6 (EG) AP25	Add PoE or DC power source
<b>R9B31A</b>	HPE Networking Instant On Indoor Access Point 4x4 Wi-Fi 6 (IL) AP25	Add PoE or DC power source
<b>S0G24A</b>	HPE Networking Instant On Indoor Access Point 4x4 Wi-Fi 6 (RW1*) AP25	Add PoE or DC power source
<b>Access point with DC PSU</b>		
<b>R9B32A</b>	HPE Networking Instant On Access Point Bundle with PSU (US) AP25	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>R9B33A</b>	HPE Networking Instant On Access Point Bundle with PSU (EU) AP25	Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. Ships in color retail packaging
<b>R9B34A</b>	HPE Networking Instant On Access Point Bundle with PSU (WW) AP25	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging <i>Add # options to choose the right power cord for the specific country</i>
<b>S0G22A</b>	HPE Networking Instant On Access Point Bundle with PSU (RW1) AP25	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>R9B35A</b>	HPE Networking Instant On Access Point Bundle with PSU (JP) AP25	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP25 — Indoor

Part number	Description	Comments
<b>Power options</b>		
<b>R9M78A</b>	HPE Networking Instant On 12V/18W Power Adaptor US EU	Includes power cord with US and EU plugs
<b>R9M79A</b>	HPE Networking Instant On 12V/18W Power Adaptor RW	Includes power cord with rest-of-world plugs
<b>R9M77A</b>	HPE Networking Instant On 30W 802.3at PoE Midspan Injector	Add AC power cord <i>This injector for indoor installation only</i>
<b>Mount kit</b>		
<b>R9B36A</b>	HPE Networking Instant On AP25 flush mount sleeve	Add with above AP or bundle SKUs for aesthetic design
<b>JW044A</b>	HPE Networking Instant On AP Ceiling Rail Mount Kit	Spare mount to attach to a dropped ceiling
<b>Q9U25A</b>	HPE Networking Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP25

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP32 — Indoor



Physical specifications: 160mm x 160mm x 39mm | Weight: 520g

Part number	Description	Comments
<b>Access point</b>		
<b>S1T22A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (US) AP32	Add PoE or DC power source
<b>S1T23A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (RW) AP32	Add PoE or DC power source
<b>S1T24A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (JP) AP32	Add PoE or DC power source
<b>S1T25A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (EG) AP32	Add PoE or DC power source
<b>S1T26A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (IL) AP32	Add PoE or DC power source
<b>S1T33A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E (RW1) AP32	Add PoE or DC power source
<b>Access point with DC PSU</b>		
<b>S1T27A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio Tri Band 2x2 Wi-Fi 6E (US) AP32	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T28A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio Tri Band 2x2 Wi-Fi 6E (EU) AP32	Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T29A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio Tri Band 2x2 Wi-Fi 6E (RW) AP32	Bundle includes access point, PSU, mount kit and Ethernet cable. Ships in color retail packaging
<b>S1T30A</b>	HPE Networking Instant On Access Point Bundle with PSU Dual Radio Tri Band 2x2 Wi-Fi 6E (JP) AP32	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>Access point 5-pack</b>		
<b>S1T31A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E 5-Pack (US) AP32	Bundle includes 5 access points, mount kits, and Ethernet cables <i>Add PoE or DC power source</i>
<b>S1T32A</b>	HPE Networking Instant On Access Point Dual Radio Tri Band 2x2 Wi-Fi 6E 5-Pack (RW) AP32	Bundle includes 5 access points, mount kits, and Ethernet cables <i>Add PoE or DC power source</i>

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP32 — Indoor

Part number	Description	Comments
<b>Power options</b>		
<b>R9M78A</b>	HPE Networking Instant On 12V/18W Power Adaptor US EU	Includes power cord with US and EU plugs
<b>R9M79A</b>	HPE Networking Instant On 12V/18W Power Adaptor RW	Includes power cord with rest-of-world plugs
<b>R9M77A</b>	HPE Networking Instant On 30W 802.3at PoE Midspan Injector	Add AC power cord <i>This injector for indoor installation only</i>
<b>Mount kit</b>		
<b>JW044A</b>	HPE Networking Instant On AP Ceiling Rail Mount Kit	Spare mount to attach to a dropped ceiling
<b>Q9U25A</b>	HPE Networking Instant On AP Low Profile Basic Mount Kit	Spare for what ships with AP32
<b>S2N69A</b>	HPE Networking Instant On AP32 flush mount sleeve	Add with above AP or bundle SKUs for aesthetic design

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### HPE Networking Instant On Access Point AP27 — Outdoor



Physical specifications: 180mm x 232mm x 120mm | Weight: 1170g

Part number	Description	Comments
<b>Access point</b>		
<b>S1T36A</b>	HPE Networking Instant On Outdoor Access Point Dual Radio 2x2 Wi-Fi 6 (US) AP27	Add PoE or Midspan injector
<b>S1T37A</b>	HPE Networking Instant On Outdoor Access Point Dual Radio 2x2 Wi-Fi 6 (RW) AP27	Add PoE or Midspan injector
<b>S1T38A</b>	HPE Networking Instant On Outdoor Access Point Dual Radio 2x2 Wi-Fi 6 (JP) AP27	Add PoE or Midspan injector
<b>S1T39A</b>	HPE Networking Instant On Outdoor Access Point Dual Radio 2x2 Wi-Fi 6 (EG) AP27	Add PoE or Midspan injector
<b>S1T40A</b>	HPE Networking Instant On Outdoor Access Point Dual Radio 2x2 Wi-Fi 6 (IL) AP27	Add PoE or Midspan injector
<b>S3U62A</b>	HPE Networking Instant On Outdoor Access Point Dual Radio 2x2 Wi-Fi 6 (RW1) AP27	Add PoE or Midspan injector
<b>S1T41A</b>	HPE Networking Instant On Outdoor Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (US) AP27	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T42A</b>	HPE Networking Instant On Outdoor Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (EU) AP27	Bundle includes access point, PSU (EU mainland power socket), mount kit, and Ethernet cable. Ships in color retail packaging
<b>S1T43A</b>	HPE Networking Instant On Outdoor Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (RW) AP27	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging Add # options to choose the right power cord for the specific country
<b>S1T44A</b>	HPE Networking Instant On Outdoor Access Point Bundle with PSU Dual Radio 2x2 Wi-Fi 6 (JP) AP27	Bundle includes access point, PSU, mount kit, and Ethernet cable. Ships in color retail packaging
<b>Power options</b>		
<b>R9M77A</b>	HPE Networking Instant On 30W 802.3at PoE Midspan Injector	Add power cord <i>This injector for indoor installation only</i>

\*RW1 SKUs are SKUs for the Rest of the World (RW) limited to countries where Country of Origin constraints exist. RW and RW1 SKUs are exclusive.



## Ordering information

### All HPE Networking Instant On Access Points — Indoor

Part number	Description
<b>Add 3-prong (C13) AC power cord for power adapter/PoE injector</b>	
<b>JW113A</b>	PC-AC-ARG Argentina 220V AC 10A 2-meter AC power cord
<b>JW114A</b>	PC-AC-AUS Australian AC power cord
<b>JW115A</b>	PC-AC-BR Brazil AC power cord
<b>JW116A</b>	PC-AC-CHN China AC power cord
<b>JW117A</b>	PC-AC-DEN Denmark 220V AC 10A 2-meter AC power cord
<b>JW118A</b>	PC-AC-EC Continental European/Schuko AC power cord
<b>JW119A</b>	PC-AC-IN India AC power cord
<b>JW120A</b>	PC-AC-IL Israel 250V AC 10A 2-meter AC power cord
<b>JW121A</b>	PC-AC-IT Italian AC power cord
<b>JW122A</b>	PC-AC-JP Japanese AC power cord
<b>JW123A</b>	PC-AC-KOR Korea AC power cord
<b>JW124A</b>	PC-AC-NA North America AC power cord
<b>JW125A</b>	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC power cord
<b>JW126A</b>	PC-AC-TW Taiwan AC power cord
<b>JW127A</b>	PC-AC-UK UK AC power cord
<b>JW128A</b>	PC-AC-ZA South Africa 250V AC 10A 2-meter AC power cord
<b>SOP44A</b>	PC-AC-TH Thailand AC power cord





## Ordering information

### For all HPE Networking Instant On Access Points

#### **3- and 5-year support options are available**

(not included in the price of the hardware)

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HK1Y0E: 3 Year Next Business Day (NBD) Exchange

H01BRE: 3 Year Next Business Day (NBD) Exchange 5-Pack AP

H30GZE: 5 Year Next Business Day (NBD) Exchange

H01BSE: 5 Year Next Business Day (NBD) Exchange 5-Pack AP

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(Go to [Support Services Central](#) to locate Foundation Care SKUs for access points.)

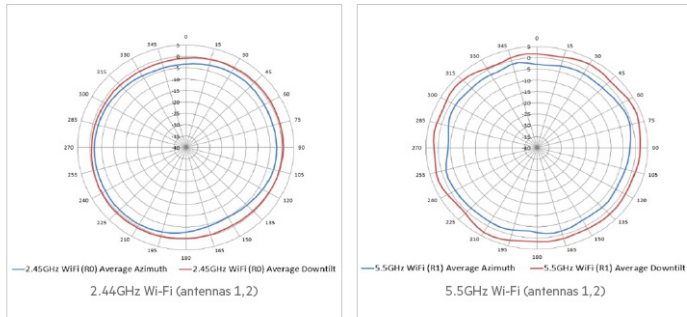


## Wi-Fi 6 radio antenna graphs

### HPE Networking Instant On Access Point AP21

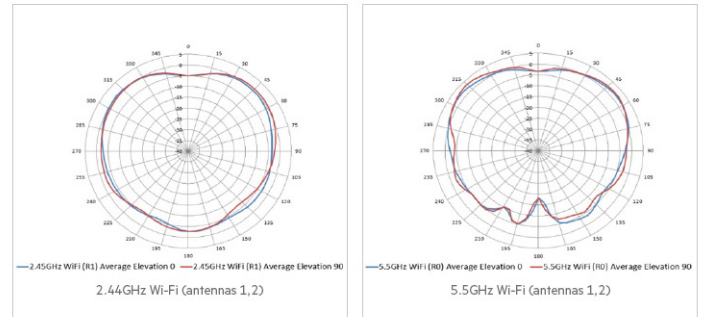
#### Horizontal planes (top view, AP facing forward)

Showing azimuth (0 degrees) and 30 degrees downtilt pattern



#### Elevation planes (side view, AP facing down)

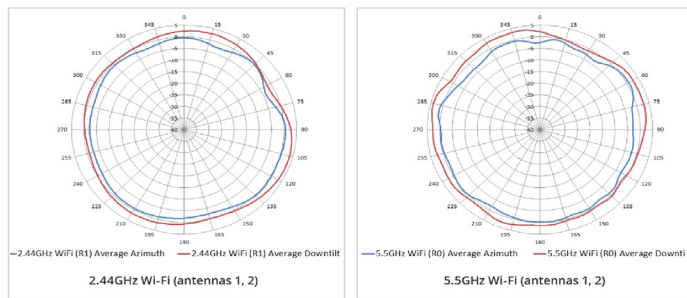
Showing side view with AP rotated 0 and 90 degrees



### HPE Networking Instant On Access Point AP22

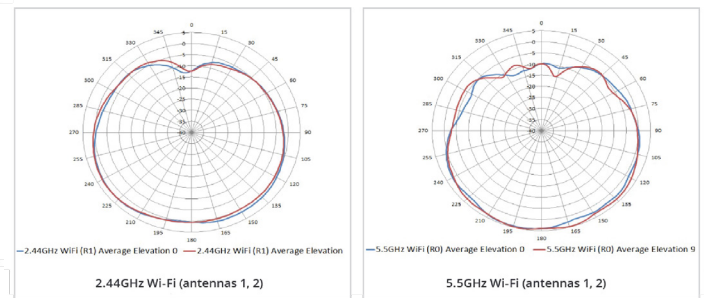
#### Horizontal planes (top view, AP facing forward)

Showing azimuth (0 degrees) and 30 degrees downtilt pattern



#### Elevation planes (side view, AP facing down)

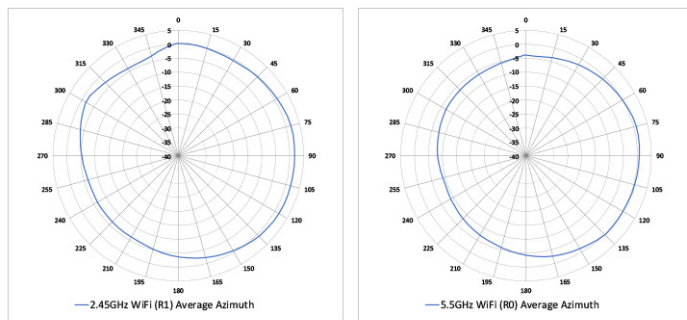
Showing side view with AP rotated 0 and 90 degrees



### HPE Networking Instant On Access Point AP22D

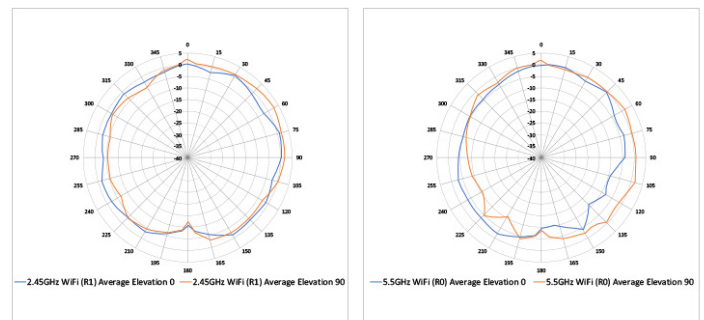
#### Horizontal planes (top view, AP facing forward)

Showing azimuth (0 degrees) and 30 degrees downtilt pattern



#### Elevation planes (side view, AP facing down)

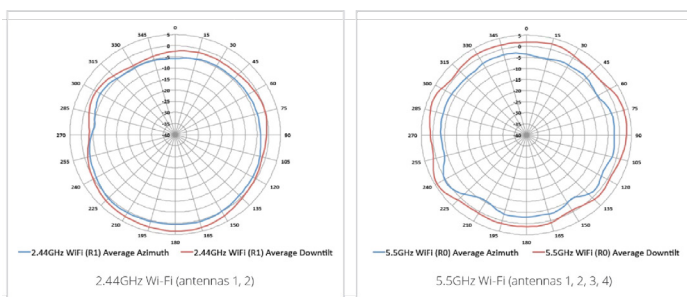
Showing side view with AP rotated 0 and 90 degrees



### HPE Networking Instant On Access Point AP25

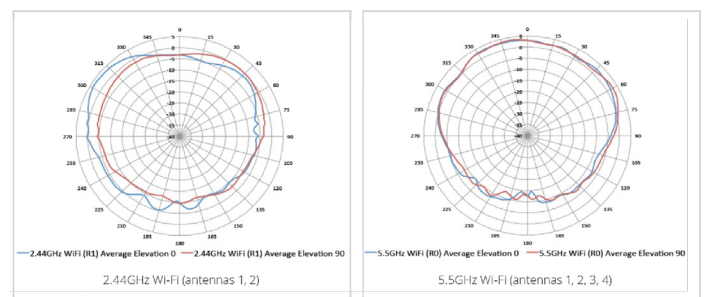
#### Horizontal planes (top view, AP facing forward)

Showing azimuth (0 degrees) and 30 degrees downtilt pattern



#### Elevation planes (side view, AP facing down)

Showing side view with AP rotated 0 and 90 degrees

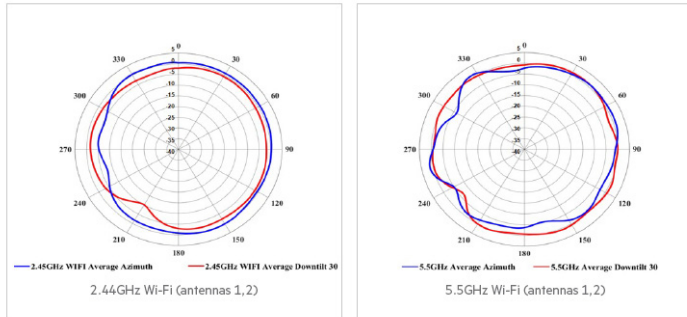


## Wi-Fi 6 radio antenna graphs

### HPE Networking Instant On Access Point AP27

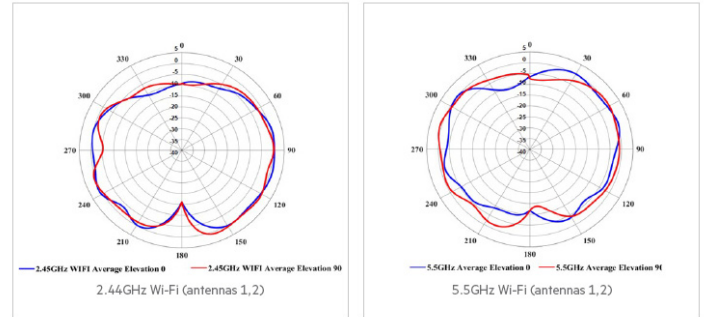
#### Horizontal planes (top view, AP facing forward)

Showing azimuth (0 degrees) and 30 degrees downtilt pattern



#### Elevation planes (side view, AP facing down)

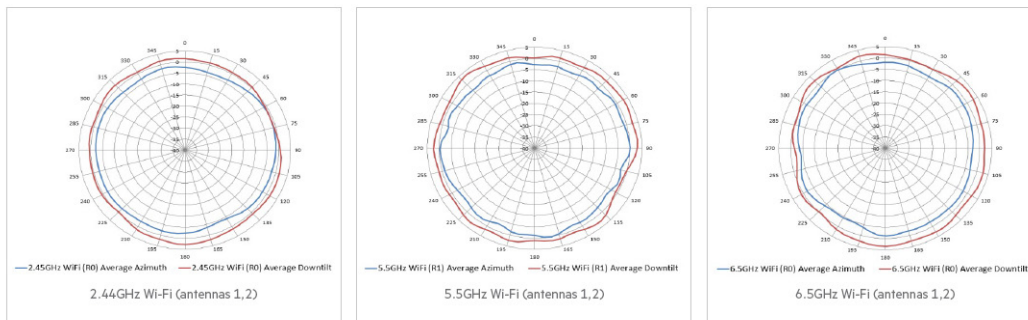
Showing side view with AP rotated 0 and 90 degrees



### HPE Networking Instant On Access Point AP32

#### Horizontal planes (top view, AP facing forward)

Showing azimuth (0 degrees) and 30 degrees downtilt pattern



#### Elevation planes (side view, AP facing down)

Showing side view with AP rotated 0 and 90 degrees

