

HPE Aruba Networking 530 Series Campus Access Points



What's new

- Wi-Fi 6 access points (APs) provide up to 2.97 Gbps combined aggregate data rate
- Dual radio AP supporting 5 GHz and 2.4 GHz bands (4x4 MIMO)
- Protects network security with stronger encryption and authentication, secure credentials/keys storage, and user and IoT access policy enforcement firewalls (PEFs)
- IoT-ready with support for Bluetooth 5 and Zigbee and two 5 Gbps ports for

Overview

The HPE Aruba Networking 530 Series Campus Access Points provide Wi-Fi 6 connectivity for high-density deployments such as larger office spaces, training and meeting facilities, and hospitals. Providing up to 2.97 Gbps combined aggregate data rate, this series is built on Wi-Fi 6 standards (IEEE 802.11ax) and includes features such as OFDMA, bidirectional MU-MIMO, and target wait time (TWT) for better multi-user performance and improved efficiency.

The 530 series can be deployed using zero touch provisioning (ZTP) without onsite technical expertise, for ease of implementation in branch offices and for remote work. HPE Aruba Networking Central provides a single pane of glass for overseeing wired and wireless LANs, WANs, and VPNs. AI-powered analytics, end-to-end orchestration and automation, and advanced security features are

fast wired connectivity

- Deploy models with internal antennas or connectorized models that support external antennas to meet the range of environments

built natively into the solution. The 530 series includes a limited lifetime warranty.

Features

Boost your Wi-Fi 6 Performance

The HPE Aruba Networking 530 Series Campus Access Points are designed to simultaneously serve multiple clients and traffic types providing up to 2.97 Gbps combined aggregate data rate.

Dual-radio (dual 4x4 MIMO) 802.11ax AP with up-and downlink OFDMA and Multi-User MIMO (MU-MIMO).

The AP includes features such as OFDMA, bidirectional MU-MIMO, and target wait time (TWT) for better multi-user performance and improved efficiency.

Enhanced wireless experience with HPE Aruba Networking ClientMatch technology removes sticky client issues by steering a client to the AP where it receives one of the best radio signals.

Two 5 Gbps ports provide flexibility to support speeds of 1, 2.5, or 5 Gbps (or 100 Mbps).

Security By Design

The HPE Aruba Networking 530 Series Campus Access Points offer enhanced security with dynamic segmentation to remove the time-consuming and error-prone task of managing complex and static VLANs, ACLs, and subnets by dynamically assigning policies and keeping traffic protected and separated.

It offers stronger encryption and authentication with WPA3, protected credentials/keys storage for guest access with Enhanced Open, and user and IoT access policy enforcement firewalls (PEF).

The AP simplifies policy enforcement by using the PEF to encapsulate all traffic from the AP to the gateway (or mobility controller) for end-to-end encryption and inspection.

For enhanced device assurance, the 530 series include an installed trusted platform module (TPM) for protected storage of credentials and keys, and boot code.

IoT Ready

The HPE Aruba Networking 530 Series Campus Access Points can serve as IoT platforms that bolster network security and provide coverage for a range of IoT devices without the need for network overlays.

The AP supports an integrated Bluetooth 5 and 802.15.4 radio (for Zigbee support), as well as a USB port for increased flexibility, providing better security and reliable connectivity for IoT devices.

HPE Aruba Networking Central Client Insights uses deep packet inspection to provide additional context and behavioral information that helps verify devices are receiving proper policy enforcement and continuously monitor for rogue devices.

Sustainability

The HPE Aruba Networking 530 Series Campus Access Points support AI-powered dynamic power save mode which enables APs to automatically wake up at a schedule when connectivity demand arises, reducing power demands and lowering the energy footprint.

The intelligent power monitoring (IPM) provides the ability to enable or disable capabilities based on available PoE power.

The target wake time (TWT) establishes a schedule for when clients need to communicate with an AP to help improve client power savings and reduce airtime contention.

Technical specifications	HPE Aruba Networking 530 Series Campus Access Points
Deployment	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	HPE Aruba Networking 530 Series Campus Access Points models: AP-534: Four (female) RP-SMA connectors for external dual-band antennas. AP-535: Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO. Built-in antennas for horizontal ceiling-mounted orientation of the AP. The downtilt angle gain is roughly 30°.
Ultra tri-band (UTB) filtering	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No
Location services	802.11 FTM support
Cellular support	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE
MACsec support	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises Public Cloud Virtual Private Cloud (VPC) as a Service
Certifications	UL2043 plenum rating Wi-Fi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)

Regulatory

FCC/ISED
CE marked
Radio Equipment Directive (RED) Directive 2014/53/EU
Electromagnetic compatibility (EMC) Directive 2014/30/EU
Low Voltage Directive 2014/35/EU
UL/IEC/EN 62368-1
EN 60601-1-1, EN60601-1-2
Railway certs (AP-535 Only):
EN 50155:2017—Railway applications
EN 50121-1:2017—Railway EMC
EN 50121-3-2—Railway EMC
EN 50121-4:2016—Railway immunity
IEC 61373 ed2:2008—Railway shock and vibration.
For more country-specific regulatory information and approvals, contact your HPE representative.

Warranty Limited lifetime warranty. See the [warranty duration](#).

Weight 1.0 kg

Product dimensions 57 x 240 x 240 mm (AP-534), 80mm x 270 x 270 mm (AP-535)

Ports

E0, E1: Ethernet port (RJ-45)
Serial console interface (proprietary, micro-B USB physical jack)
USB 2.0 host interface (Type A connector)
Kensington security slot

SKU comparison

	HPE Aruba Networking AP-534 (EG) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ328A)	HPE Aruba Networking AP-534 (EG) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ338A)	HPE Aruba Networking AP-534 (IL) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ329A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four RP-SMA connectors for external dual-band antennas.	Four RP-SMA connectors for external dual-band antennas.	Four RP-SMA connectors for external dual-band antennas.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-534 (EG) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ328A)	HPE Aruba Networking AP-534 (EG) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ338A)	HPE Aruba Networking AP-534 (IL) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ329A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

	HPE Aruba Networking AP-534 (IL) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ339A)	HPE Aruba Networking AP-534 (JP) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ330A)	HPE Aruba Networking AP-534 (JP) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ340A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four RP-SMA connectors for external dual-band antennas.	Four RP-SMA connectors for external dual-band antennas.	Four RP-SMA connectors for external dual-band antennas.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-534 (IL) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ339A)	HPE Aruba Networking AP-534 (JP) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ330A)	HPE Aruba Networking AP-534 (JP) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ340A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

	HPE Aruba Networking AP-534 (RW) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ331A)	HPE Aruba Networking AP-534 (RW) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ341A)	HPE Aruba Networking AP-534 (US) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ332A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four RP-SMA connectors for external dual-band antennas.	Four RP-SMA connectors for external dual-band antennas.	Four RP-SMA connectors for external dual-band antennas.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-534 (RW) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ331A)	HPE Aruba Networking AP-534 (RW) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ341A)	HPE Aruba Networking AP-534 (US) Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ332A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

	HPE Aruba Networking AP-534 (US) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ342A)	HPE Aruba Networking AP-535 (EG) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ333A)	HPE Aruba Networking AP-535 (EG) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ343A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four RP-SMA connectors for external dual-band antennas.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-534 (US) TAA Dual Radio 4x4 802.11ax External Antennas Unified Campus AP (JZ342A)	HPE Aruba Networking AP-535 (EG) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ333A)	HPE Aruba Networking AP-535 (EG) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ343A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

	HPE Aruba Networking AP-535 (ID) Dual Radio 4x4 802.11ax Internal Antennas Campus Access Point (S5D87A)	HPE Aruba Networking AP-535 (IL) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ334A)	HPE Aruba Networking AP-535 (IL) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ344A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-535 (ID) Dual Radio 4x4 802.11ax Internal Antennas Campus Access Point (S5D87A)	HPE Aruba Networking AP-535 (IL) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ334A)	HPE Aruba Networking AP-535 (IL) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ344A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

	HPE Aruba Networking AP-535 (JP) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ335A)	HPE Aruba Networking AP-535 (JP) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ345A)	HPE Aruba Networking AP-535 (RW) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ336A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-535 (JP) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ335A)	HPE Aruba Networking AP-535 (JP) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ345A)	HPE Aruba Networking AP-535 (RW) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ336A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

	HPE Aruba Networking AP-535 (RW) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ346A)	HPE Aruba Networking AP-535 (US) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ337A)	HPE Aruba Networking AP-535 (US) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ347A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Wi-Fi radios	Dual 4x4	Dual 4x4	Dual 4x4
Radio configuration options	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz	2.4 GHz and 5 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps	20/40 (2.4 GHz), 20/40/80/(80+80) (5 GHz), and maximum peak data rate 2.9 Gbps
Wi-Fi antenna	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5 dBi in 2.4 GHz and 5.4 dBi in 5 GHz.
Ultra tri-band (UTB) filtering	No	No	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB 2.0 Type A
Integrated sensor	No	No	No
Location services	802.11 FTM support	802.11 FTM support	802.11 FTM support
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 5GbE	2 x 5GbE	2 x 5GbE
MACsec support	No	No	No
AP operating system support	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.	HPE Aruba Networking Wireless Operating System 8.5.0.0* HPE Aruba Networking Instant OS 8.5.0.0* HPE Aruba Networking Wireless Operating System 10.0.0.0 or later. Note: *With some restrictions. For unrestricted operation, use 8.6.0.0 or later.
AP management	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service	On-premises; Public Cloud; Virtual Private Cloud (VPC); as a Service

	HPE Aruba Networking AP-535 (RW) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ346A)	HPE Aruba Networking AP-535 (US) Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ337A)	HPE Aruba Networking AP-535 (US) TAA Dual Radio 4x4 802.11ax Internal Antennas Unified Campus AP (JZ347A)
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 (ax) WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi Agile Multiband Wi-Fi CERTIFIED Location Bluetooth Special Interest Group (SIG)
Regulatory	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE marked Radio Equipment Directive (RED) Directive 2014/53/EU Electromagnetic compatibility (EMC) Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2 Railway certs (AP-535 Only): EN 50155:2017—Railway applications EN 50121-1:2017—Railway EMC EN 50121-3-2—Railway EMC EN 50121-4:2016—Railway immunity IEC 61373 ed2:2008—Railway shock and vibration. For more country-specific regulatory information and approvals, contact your HPE representative.
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.
Ports	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot	E0, E1: Ethernet port (RJ-45) Serial console interface (proprietary, micro-B USB physical jack) USB 2.0 host interface (Type A connector) Kensington security slot

Related Options

The following options are available for these series:

- HPE Aruba Networking AP-503 (RW) 10-Pack Dual Radio 2x2:2 Wi-Fi 6 Campus Access Point
- HPE Aruba Networking AP-503 (US) 10-Pack Dual Radio 2x2:2 Wi-Fi 6 Campus Access Point
- HPE Aruba Networking AP-535-CVR-20 20pk for AP-535 White Non-glossy Snap-On Covers
- HPE Aruba Networking AP-AC2-48C 48V/50W AC/DC Desktop Style Power Adapter with 1.35/3.5mm Connector
- HPE Aruba Networking AP-ANT-311 Direct-Mount RP-SMA Tri-Band 1x1 Omni Dipole Antenna
- HPE Aruba Networking AP-ANT-312 Direct-Mount RP-SMA Tri-Band 1x1 Low-Profile Omni Dipole Antenna
- HPE Aruba Networking AP-ANT-313 Cabled RP-SMA Tri-Band 1x1 Omni Dipole Antenna
- HPE Aruba Networking AP-ANT-340 Cabled RP-SMA Tri-Band 4x4 Downtilt Omni Ceiling Antenna
- HPE Aruba Networking AP-ANT-345 Cabled RP-SMA Tri-Band 4x4 Medium Gain Directional Panel Antenna
- HPE Aruba Networking AP-ANT-348 Cabled RP-SMA Tri-Band 4x4 High Gain Directional Panel Antenna
- HPE Aruba Networking AP-ANT-MNT-U Universal AZ/EL Adjustable Antenna Pole Wall Mount Kit
- HPE Aruba Networking AP-CBL-SERU Micro-USB TTL3.3V to USB2.0 AP Console Adapter Cable
- HPE Aruba Networking AP-MNT-A Campus AP Type A Suspended Ceiling Rail Flat 9/16 Mount Bracket Kit
- HPE Aruba Networking AP-MNT-B Campus AP Type B Suspended Ceiling Rail Flat 15/16 Mount Bracket Kit
- HPE Aruba Networking AP-MNT-C Campus AP Type C Suspended Ceiling Rail 9/16 Profile Mnt Bracket Kit
- HPE Aruba Networking AP-MNT-D Campus AP Type D Solid Surface Mount Bracket Kit
- HPE Aruba Networking AP-MNT-E Campus AP Type E Wall-Box Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-A Campus AP 10-Pack 9/16 Flat Ceiling Rail Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-B1 Campus AP 10-Pack 15/16 Adj Flat Ceiling Rail Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-B Campus AP 10-Pack 15/16 Flat Ceiling Rail Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-C Campus AP 10-Pack Profile 9/16 Ceiling Rail Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-D Campus AP 10-Pack Solid Surface Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-E Campus AP 10-Pack Wall-box Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-U Campus AP Universal 10-pack Mount Bracket Kit
- HPE Aruba Networking AP-MNT-MP10-X Campus AP 10-Pack Mount Adapter Kit
- HPE Aruba Networking AP-MNT-U Campus Access Point Type U Universal Mount Bracket Kit
- HPE Aruba Networking AP-MOD-SERU Micro-USB TTL3.3V to RJ45 RS232 AP Console Adapter Module
- HPE Aruba Networking AP-POE-ATSR 1-Port Smart Rate 802.3at 30W Midspan Injector
- HPE Aruba Networking AP-POE-BT10 1-port 10G 60W Midspan 802.3bt PoE Injector
- HPE Aruba Networking AP-POE-BTSR 1-Port Smart Rate 802.3bt 60W Midspan Injector
- HPE Aruba Networking USB Extender Cable Kit
- HPE Aruba Networking USB LTE Modem for Access Points and Gateways

Related Services

The following services are available for these series:

- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP 535 SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP-534 SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP-534 TAA SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP-535 TAA SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP 535 SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP-534 SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP-534 TAA SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP-535 TAA SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 AP 535 SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 AP-534 SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 AP-534 TAA SVC
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- HPE Aruba Networking Foundational Care 1Y NBD Exch AP 535 SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch AP-534 SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch AP-534 TAA SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch AP-535 TAA SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Hardware Only AP 535 SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Hardware Only AP-534 SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Hardware Only AP-534 TAA SVC
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- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 AP 535 SVC
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