

HPE Aruba Networking 750 Series Campus Access Points



What's new

- AI-powered Wi-Fi 7 access points are ideal for the most demanding enterprise, healthcare, LPV, education, retail, and industrial IoT deployments
- Three 4x4 MIMO radios provide comprehensive tri-band coverage across 2.4 GHz, 5 GHz, and 6 GHz for up to 18.7 Gbps maximum aggregate data rate
- High availability with dual 10 Gbps wired ports for redundant Ethernet and power, as well as the ability to combine power from both ports

Overview

HPE Aruba Networking 750 Series Campus Access Points are our flagship Wi-Fi 7 access points that deliver impressive wireless performance, strengthen network security, provide precise location-based services, and offer an Internet of Things (IoT) platform with enterprise-grade security, enabling enterprises to fully realize the value of their wireless investment and unlock operational efficiencies.

This high performance access point is designed with three 4x4 MIMO radios (2.4 GHz, 5 GHz, and 6 GHz), dual 10 Gbps Ethernet ports, dual IoT radios, built-in GNSS receiver, and patented ultra tri-band (UTB) filtering for high capacity, fast, and resilient connectivity with enhanced security. HPE Aruba Networking Central provide intelligent automation, AI insights, and unified infrastructure

- High-density IoT support with two integrated Bluetooth 5.4 and 802.15.4 radios for Zigbee support and two USB port extensions
- Built-in GNSS receiver, barometric pressure sensor, and intelligent software enable APs to self locate and act as reference points for accurate indoor location measurements
- Patented ultra tri-band (UTB) filtering enhances the use of 5 GHz and 6 GHz bands

management to help drive efficient IT operations. The 750 series includes a limited lifetime warranty.

Features

Flagship Wi-Fi 7 Performance

Based on the 802.11be standard, the HPE Aruba Networking 750 Series Campus Access Points are designed to take advantage of the 6 GHz band through three dedicated radios, which translates into far greater speeds, wider channels for multigigabit traffic, and less interference.

With three 4x4 MIMO radios (2.4 GHz, 5 GHz, and 6 GHz), the series delivers up to 18.7 Gbps maximum tri-band aggregate data rate and is capable of up to 28.8 Gbps maximum aggregate data rate using optional dual 5 GHz and 6 GHz radio modes.

Featuring high availability with two 10GbE ports for hitless failover for both data and power, allowing these dual ports to provide business continuity for mission-critical applications with flexibility to support speeds of 1, 2.5, 5, or 10 Gbps (or 100 Mbps).

Enhanced wireless experience with HPE Aruba Networking ClientMatch technology removes sticky client issues by steering a client to the access point where it receives the good radio signal.

Patented UTB filtering enables enterprises to take advantage of the high end of 5 GHz with the lower end of 6 GHz without creating coverage gaps or islands.

Simplified Access with Enhanced Security

The HPE Aruba Networking 750 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.

MACsec-capable 10GbE port extends wired Ethernet protection to the access point.

It offers stronger encryption and authentication with WPA3, protected credential/key storage for guest access with Enhanced Open (OWE), and user and IoT access policy enforcement firewalls (PFEs).

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

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

AP as an IoT Platform

The HPE Aruba Networking 750 Series Campus Access Points can serve as flexible IoT platforms that bolsters network security and provide coverage for a broad range of IoT devices without the need for network overlays.

It provides two built-in Bluetooth 5.4 and 802.15.4 radios for Zigbee support to simplify deploying and managing IoT-based location services, asset tracking services, security solutions, and IoT sensors. Two USB port extensions provide connectivity to a range of IoT devices.

Advanced IoT Coexistence (AIC) feature uses built-in filtering to allow Wi-Fi and BLE/Zigbee radios to operate at greater capacity without the impact of interference.

HPE Aruba Networking Central IoT operations unifies visibility of IT and OT infrastructure within the network health dashboard by extending network monitoring and insights to BLE, Zigbee, and other non-IP IoT devices to help non-Wi-Fi device onboarding and data collection.

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

Energy Saving and Self-locating

The HPE Aruba Networking 750 Series Campus Access Points help organizations reduce energy consumption and deliver precision indoor location services with the APs that serve as reference points for client devices and other technologies using fine time measurement.

It offers precision locationing with the support of FTM 802.11az for sub-1 meter accuracy and built-in GNSS receivers for high-accuracy indoor location measurements.

It has built-in barometric sensor for altitude locationing within multi-story buildings that provides floor-level mappings.

AI-powered dynamic power save mode enables the HPE Aruba Networking 750 Series Campus Access Points to automatically wake up at a schedule when connectivity demand arises, reducing power demands and lowering the energy footprint to align with the organization's sustainability initiatives.

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. Intelligent power monitoring (IPM) provides energy consumption insights as APs continuously monitor and report hardware energy usage.

Technical specifications	HPE Aruba Networking 750 Series Campus Access Points
Deployment	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz 5 GHz + 5 GHz + 6 GHz 5 GHz + 6 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	HPE Aruba Networking 750 Series Campus Access Points models: AP-754: Two sets of four (female) RP-SMA connectors for external antennas AP-755: Integrated downtilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Built-in antennas are optimized for horizontal ceiling-mounted orientation of the AP. The downtilt angle gain is roughly 30° to 40°.
Ultra tri-band (UTB) filtering	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee Dual USB
Integrated sensor	Barometric sensor
Location services	GNSS receiver 802.11 FTM support BLE channel sounding
Cellular support	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE
MACsec support	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 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, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)

Regulatory

FCC/ISED
CE Marked
Low Voltage Directive 2014/35/EU
UL/IEC/EN 62368-1
EN 60601-1-2
For more country-specific regulatory information and approvals, contact your HPE representative.

Warranty

Limited lifetime warranty. See the warranty duration.

Ports

E0, E1: Two Ethernet wired network ports (RJ-45)
U0, U1: Two USB 2.0 host interfaces (Type A connector)
Serial console interface (proprietary, micro-B USB physical jack)
Kensington security slot

SKU comparison

	HPE Aruba Networking AP-754 (EG) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G71A)	HPE Aruba Networking AP-754 (EG) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G76A)	HPE Aruba Networking AP-754 (IL) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G72A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Two sets of four (female) RPSMA connectors for external antennas.	Two sets of four (female) RPSMA connectors for external antennas.	Two sets of four (female) RPSMA connectors for external antennas.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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-754 (EG) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G71A)	HPE Aruba Networking AP-754 (EG) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G76A)	HPE Aruba Networking AP-754 (IL) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G72A)
Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-754 (IL) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G77A)	HPE Aruba Networking AP-754 (JP) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G73A)	HPE Aruba Networking AP-754 (JP) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G78A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Two sets of four (female) RPSMA connectors for external antennas.	Two sets of four (female) RPSMA connectors for external antennas.	Two sets of four (female) RPSMA connectors for external antennas.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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
Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)

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Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-754 (RW) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G74A)	HPE Aruba Networking AP-754 (RW) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G79A)	HPE Aruba Networking AP-754 (US) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G75A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Two sets of four (female) RPSMA connectors for external antennas.	Two sets of four (female) RPSMA connectors for external antennas.	Two sets of four (female) RPSMA connectors for external antennas.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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
Certifications	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: Wi-Fi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)

	HPE Aruba Networking AP-754 (RW) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G74A)	HPE Aruba Networking AP-754 (RW) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G79A)	HPE Aruba Networking AP-754 (US) Tri Radio 4x4 Wi-Fi 7 External Antennas Campus Access Point (S1G75A)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-754 (US) Tri Radio 4x4 Wi-Fi 7 External Antennas TAA Campus Access Point (S1G80A)	HPE Aruba Networking AP-755 (EG) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G81A)	HPE Aruba Networking AP-755 (EG) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G86A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Two sets of four (female) RPSMA connectors for external antennas.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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

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Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-755 (ID) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S5E16A)	HPE Aruba Networking AP-755 (IL) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G82A)	HPE Aruba Networking AP-755 (IL) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G87A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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-755 (ID) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S5E16A)	HPE Aruba Networking AP-755 (IL) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G82A)	HPE Aruba Networking AP-755 (IL) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G87A)
Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-755 (JP) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G83A)	HPE Aruba Networking AP-755 (JP) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G88A)	HPE Aruba Networking AP-755 (RW) Tri Radio 4x4 Wi-Fi 7 Internal Antennas 5-pack Campus Access Point (SOH10A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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-755 (JP) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G83A)	HPE Aruba Networking AP-755 (JP) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G88A)	HPE Aruba Networking AP-755 (RW) Tri Radio 4x4 Wi-Fi 7 Internal Antennas 5-pack Campus Access Point (SOH10A)
Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-755 (RW) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G84A)	HPE Aruba Networking AP-755 (RW) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G89A)	HPE Aruba Networking AP-755 (US) Tri Radio 4x4 Wi-Fi 7 Internal Antennas 5-pack Campus Access Point (SOH11A)
Deployment	Indoor	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.
Ultra tri-band (UTB) filtering	Yes	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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-755 (RW) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G84A)	HPE Aruba Networking AP-755 (RW) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G89A)	HPE Aruba Networking AP-755 (US) Tri Radio 4x4 Wi-Fi 7 Internal Antennas 5-pack Campus Access Point (SOH11A)
Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 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: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot	E0, E1: Two Ethernet wired network ports (RJ45) U0, U1: Two USB 2.0 host interfaces (Type A connector) Serial console interface (proprietary, microB USB physical jack) Kensington security slot

	HPE Aruba Networking AP-755 (US) Tri Radio 4x4 Wi-Fi 7 Internal Antennas Campus Access Point (S1G85A)	HPE Aruba Networking AP-755 (US) Tri Radio 4x4 Wi-Fi 7 Internal Antennas TAA Campus Access Point (S1G90A)
Deployment	Indoor	Indoor
Wi-Fi generation	Wi-Fi 7 (802.11be)	Wi-Fi 7 (802.11be)
Wi-Fi radios	Triple 4x4	Triple 4x4
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz	2.4 GHz + 5 GHz + 6 GHz or 5 GHz + 5 GHz + 6 GHz or 5 GHz + 6 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 28.8 Gbps
Wi-Fi antenna	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.	Integrated down tilt omnidirectional antennas for 4x4 (2x2 on 2.4 GHz) MIMO. Builtin antennas are optimized for horizontal ceiling mounted orientation of the AP. The down-tilt angle gain is roughly 30 to 40 degrees.
Ultra tri-band (UTB) filtering	Yes	Yes
IoT support	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB	Dual BLE and IEEE 802.15.4/Zigbee; Dual USB
Integrated sensor	Barometric sensor	Barometric sensor
Location services	GNSS receiver; 802.11 FTM support; BLE channel sounding	GNSS receiver; 802.11 FTM support; BLE channel sounding
Cellular support	USB LTE modem (sold separately)	USB LTE modem (sold separately)
Wired network interface	2 x 10GbE	2 x 10GbE
MACsec support	Yes	Yes
AP operating system support	HPE Aruba Networking Wireless Operating System 10.7.0.0 or later	HPE Aruba Networking Wireless Operating System 10.7.0.0 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
Certifications	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)	UL2043 plenum rating WiFi Alliance®: WiFi CERTIFIED® a, b, g, n, ac, 6, 7 WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) WMM, WMM-PS, Wi-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, class 6)
Regulatory	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.	FCC/ISED CE Marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1 EN 60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.

**HPE Aruba Networking AP-755 (US) Tri
Radio 4x4 Wi-Fi 7 Internal Antennas
Campus Access Point (S1G85A)**

**HPE Aruba Networking AP-755 (US) Tri
Radio 4x4 Wi-Fi 7 Internal Antennas TAA
Campus Access Point (S1G90A)**

Warranty

Limited lifetime warranty. See the warranty duration.

Limited lifetime warranty. See the warranty duration.

Ports

E0, E1: Two Ethernet wired network ports (RJ45)
U0, U1: Two USB 2.0 host interfaces (Type A connector)
Serial console interface (proprietary, microB USB physical jack)
Kensington security slot

E0, E1: Two Ethernet wired network ports (RJ45)
U0, U1: Two USB 2.0 host interfaces (Type A connector)
Serial console interface (proprietary, microB USB physical jack)
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-750-CVR-20 Access Point 20-pack White Non-Glossy Snap-On Covers
- HPE Aruba Networking AP-AC2-12B 12V/48W AC/DC Desktop Style Power Adapter with 2.1/5.5mm 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-325 Cabled RP-SMA Tri-Band 2x2 Medium Gain Directional Panel Antenna
- HPE Aruba Networking AP-ANT-328 Cabled RP-SMA Tri-Band 2x2 High Gain Directional Panel 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-EXT10 10-pack CAT6A Ethernet Extension Cables
- 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-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-BT10 1-port 10G 60W Midspan 802.3bt PoE Injector

Related Services

The following services are available for these series:

- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP-75x TAA SVC

- HPE Aruba Networking Foundational Care 1Y 4HR Exch AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 AP-75x SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 AP-75x SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 AP-755 5pk SVC

- HPE Aruba Networking Foundational Care 5Y 4HR Exch AP-75x SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 AP-75x SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 AP-75x SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch AP-75x SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch AP-755 5pk SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch HW Only AP-75x SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch HW Only AP-75x TAA SVC
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- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 AP-75x SVC
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- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 AP-75x SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 AP-75x TAA SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 AP-755 5pk SVC

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