

HPE Networking 720H Series Hospitality Access Points



What's new

- High performance Wi-Fi 7 APs ideal for hospitality, branch, and teleworker deployments
- The AP-723H dual platform access point supports either HPE Aruba Networking Central or HPE Mist, offering choice and flexibility to enable AI-powered, self-driving networks.
- Three different AP models allow customers to choose based on features, capabilities, and budget
- IoTready with Bluetooth 5 and Zigbee support featuring builtin dual concurrent BLE/Zigbee radios
- Slim design to fit into existing wall plate mounts for the hospitality

Overview

The HPE Networking 720H Series Hospitality Access Points offer a cost-effective solution to address the demand for fast, secure, high performance connectivity in hospitality and small branch/office work environments. Leveraging the Wi-Fi 7 standard, these access points (APs) help meet the increasing demands of bandwidth-hungry video, growing numbers of client and IoT devices, and cloud services growth.

The 720H series includes our first-ever dual platform AP supporting both HPE Aruba Networking Central and HPE Mist on the same hardware, enabling enterprises to upgrade to Wi-Fi 7 with confidence while leveraging the AI-powered management and self-driving network capabilities of HPE Networking.

The flexible compact form factor of the 720H series includes multigigabit and gigabit ports, PoE support, and integrated Bluetooth Low Energy (BLE) and Zigbee, providing a range of connectivity options ideal for venues such as hotels, residence halls, and remote offices.

Features

High Performance Wi-Fi 7

Three 2x2 MIMO radios provide comprehensive triband coverage across 2.4 GHz, 5 GHz, and 6 GHz for up to 9 Gbps maximum aggregate data rate.

HPE Networking 720H Series Hospitality Access Points are fully Wi-Fi CERTIFIED®, meeting all requirements for greater efficiency including OFDMA, MUMIMO, and target wake time (TWT), reducing power demands and lowering the energy footprint to align with sustainability initiatives.

ClientMatch technology removes sticky client issues by steering a client to the AP where it receives one of the best radio signal and air slice that provides service level agreement-grade performance for latency-sensitive, high-bandwidth, and IoT services.

Multiple wired ports provide low latency, high performance connectivity for a variety of in-room or on-site, internet-enabled devices.

Dual Platform and Self-driving Capabilities

The HPE Networking 720H Series Hospitality Access Points include the first-ever dual platform AP, the AP-723H model, which supports both HPE Aruba Networking Central and HPE Mist on the same hardware.

Intelligent automation, AI insights, and unified infrastructure management, provided by HPE Aruba Networking Central and HPE Mist, enhance wireless performance and help drive efficient IT operations everywhere—in the cloud, on-premises, or as a service.

Dual platform capabilities provide flexibility and choice as customers can choose the operating system and management platform that best meet their individual needs.

Simplified Access with Enhanced Security

The HPE Networking 720H Series Hospitality Access Points offer enhanced security with dynamic segmentation to reduce the time-consuming and error-prone task of managing complex and static VLANs, ACLs, and subnets by dynamically assigning policies and keeping traffic secure and separated.

The 720H series improves network protection with WPA3 and Enhanced Open (OWE) for stronger encryption, authentication, and secure credentials for guest access.

To simplify policy enforcement, the 720H series uses the policy enforcement firewall (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 720H series includes an installed TPM for secure storage of credentials, keys, and boot code.

Enhanced IoT Support

HPE Networking 720H Series Hospitality Access Points include an integrated Bluetooth 5 and 802.15.4 radio for Zigbee support to simplify deploying and managing IoT-based location services, asset tracking services, security solutions, and IoT sensors.

Target wake time (TWT) establishes a schedule for when clients need to communicate with an access point to help improve client power savings and reduce airtime contention with other clients.

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

Intelligent power monitoring (IPM) continuously monitors and reports AP energy usage. This feature can be configured to enable or disable capabilities based on available PoE power.

Dual PoE out support allows the AP to directly power IoT devices, mitigating the need for additional power outlets or extra cabling.

Technical specifications	HPE Networking 720H Series Hospitality Access Points
Deployment	Hospitality Indoor Small business
Wi-Fi generation	Wi-Fi 7 (802.11be)
Wi-Fi radios	2x2: 2.4 GHz, 2x2: 5 GHz, or 2.4 GHz, 2x2: 6 GHz (AP-721H) 2x2: 2.4 GHz, 2x2: 5 GHz, and 2x2: 6 GHz (AP-723H and AP-725H)
Radio configuration options	2.4 GHz + 5 GHz or 2.4 GHz + 6 GHz (AP-721H) 2.4 GHz + 5 GHz + 6 GHz (AP-723H and AP-725H)
Max bandwidths and peak data rate per band	20 (2.4 GHz), 20/40/80/160 (6 GHz), and maximum peak data rate 3.2 Gbps (AP-721H) 20 (2.4 GHz), 20/40/80 (5 GHz), 20/40/80/160 (6 GHz), and maximum peak data rate 4.7 Gbps (AP-723H) 20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 9.3 Gbps (AP-725H)
Wi-Fi antenna	Internal
Ultra tri-band (UTB) filtering	No
IoT support	802.15.4 (Zigbee), BLE 5.4 (AP-721H) 802.15.4 (Zigbee), BLE 5.4, USB 2.0 Type A (AP-723H and AP-725H)
Integrated sensor	No
Location services	802.11 FTM support
Cellular support	No
Wired network interface	1x 1GbE up and 1x 1GbE down (AP-721H) 1x 2.5GbE up and 2x 1GbE down (AP-723H) 1x 5GbE up and 4x 1GbE down (AP-725H)
MACsec support	Yes
AP management	Cloud On-premises Software 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, W-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, EN60601-1-2

WarrantyLimited lifetime warranty. See the [warranty duration](#).**Ports**

Ethernet, console, reset (AP-721H)

DC, Ethernet, console, reset, USB (AP-723H and AP-725H)

SKU overview

S6Q67A: HPE Networking AP-721H (RW) 2-radio 2x2 802.11be Wi-Fi 7 1+1 ETH Hospitality AP

S6Q68A: HPE Networking AP-721H (RW1) 2-radio 2x2 802.11be Wi-Fi 7 1+1 ETH Hospitality AP

S6Q69A: HPE Networking AP-721H (RW10) 2-radio 2x2 802.11be Wi-Fi 7 1+1 ETH 10-pack Hospitality AP

S6Q76A: HPE Networking AP-723H (RW) 3-radio 2x2 802.11be Wi-Fi 7 1+2 ETH Dual Platform Hospitality AP

S6Q78A: HPE Networking AP-723H (RW1) 3-radio 2x2 802.11be Wi-Fi 7 1+2 ETH Dual Platform Hospitality AP

S6Q79A: HPE Networking AP-723H (RW10) 3-radio 2x2 802.11be Wi-Fi 7 1+2 ETH 10pk Dual Platform Hospitality AP

S6Q77A: HPE Networking AP-723H (RWF1) 3-radio 2x2 802.11be Wi-Fi 7 1+2 ETH TAA Dual Platform Hospitality AP

S6Q89A: HPE Networking AP-725H (RW) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH Hospitality AP

S6Q91A: HPE Networking AP-725H (RW1) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH Hospitality AP

S6Q92A: HPE Networking AP-725H (RW10) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH 10-pack Hospitality AP

S6Q90A: HPE Networking AP-725H (RWF1) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH TAA Hospitality AP

Related Options

The following options are available for these series:

SKU	Description
Networking Options	
R8G76A	HPE Aruba Networking USB Extender Cable Kit
R8F89A	HPE Aruba Networking AP-MC-SFP Media Converter Module for WLAN Access Points
R8F34A	HPE Aruba Networking USB LTE Modem for Access Points and Gateways
S6R03A	HPE Networking Hospitality Access Point Large Desk Mount Kit
S6R02A	HPE Networking Hospitality Access Point Small Desk Mount Kit
SOJ42A	HPE Aruba Networking AP-600H-MNT1 Single Hang Wall-Box Mount Kit
SOJ43A	HPE Aruba Networking AP-600H-MNT2 Dual Hang Wall-Box Mount Kit
R3K01A	HPE Aruba Networking AP-AC2-48C 48V/50W AC/DC Desktop Style Power Adapter with 1.35/3.5mm Connector
R6P68A	HPE Aruba Networking AP-POE-AFGE 1-Port GbE 802.3af 15.4W Midspan Injector
R6P67A	HPE Aruba Networking AP-POE-ATSR 1-Port Smart Rate 802.3at 30W Midspan Injector
S3J26A	HPE Aruba Networking AP-POE-BT10 1-port 10G 60W Midspan 802.3bt PoE Injector
JW113A	HPE Aruba Networking PC-AC-ARG 250V/10A 1.8m C13 to IRAM 2073 (AR) AC Power Cord
JW114A	HPE Aruba Networking PC-AC-AUS 250V/10A 1.8m C13 to AS3112 (AU) AC Power Cord
JW115A	HPE Aruba Networking PC-AC-BR 250V/10A 1.8m C13 to NBR 14136 (BR) AC Power Cord
JW116A	HPE Aruba Networking PC-AC-CHN 250V/10A 1.8m C13 to GB2099 (CH) AC Power Cord
JW117A	HPE Aruba Networking PC-AC-DEN 250V/10A 1.8m C13 to AFSNIT 107-2-D1 (DK) AC Power Cord
JW118A	HPE Aruba Networking PC-AC-EC 250V/10A 1.8m C13 to CEE7/7 (EU) AC Power Cord
JW120A	HPE Aruba Networking PC-AC-IL 250V/10A 1.8m C13 to SI32 (IL) AC Power Cord
JW119A	HPE Aruba Networking PC-AC-IN 250V/6A 1.8m C13 to IS1293 (IN) AC Power Cord
JW121A	HPE Aruba Networking PC-AC-IT 250V/10A 1.8m C13 to CEI 23-50 (IT) AC Power Cord
JW122A	HPE Aruba Networking PC-AC-JPN 125V/12A 1.8m C13 to JISC 8303 (JP) AC Power Cord
JW123A	HPE Aruba Networking PC-AC-KOR 250V/7A 1.8m C13 to KSC 8305 (KR) AC Power Cord
JW124A	HPE Aruba Networking PC-AC-NA 125V/10A 1.8m C13 to NEMA 5-15P (NA) AC Power Cord
JW125A	HPE Aruba Networking PC-AC-SWI 220V/10A 1.8m C13 to SEV 1011 (SW) AC Power Cord
SOP44A	HPE Aruba Networking PC-AC-TH 250V/10A 1.8m C13 to TIS 166-2549 (TH) AC Power Cord

JW126A	HPE Aruba Networking PC-AC-TW 125V/7A 1.8m C13 to CNS 10917 (TW) AC Power Cord
JW127A	HPE Aruba Networking PC-AC-UK 250V/10A 1.8m C13 to BS1363 (UK) AC Power Cord
JW128A	HPE Aruba Networking PC-AC-ZA 250V/10A 1.8m C13 to SANS 164-1 (ZA) AC Power Cord
JY728A	HPE Aruba Networking AP-CBL-SERU Micro-USB TTL3.3V to USB2.0 AP Console Adapter Cable
R6Q99A	HPE Aruba Networking AP-MOD-SERU Micro-USB TTL3.3V to RJ45 RS232 AP Console Adapter Module

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

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

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

- Streamline IT Operations across compute, storage, and networking without the chaos
- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

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

[For additional technical information, available models and options, please reference the QuickSpecs](#)

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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