HPE Aruba Networking 600H Series Hospitality Access Points

What's new

- High performance Wi-Fi 6E AP is ideal for hospitality, branch, and teleworker deployments
- It has flexible coverage across any two bands (2.4 GHz, 5 GHz, and 6 GHz) for up to 3.6 Gbps combined peak data rate
- It has up to seven 160 MHz channels in 6 GHz support low-latency, bandwidth-hungry applications such as high-definition video and AR/VR applications
- It combines wireless and wired access in compact desktop or wall

Overview

The HPE Aruba Networking 600H Series Hospitality Access Points deliver high-performance wireless connectivity to mission-critical hospitality, small branch, and remote work environments. The 600H series delivers more wireless capacity and wider channels by taking advantage of Wi-Fi 6E and the 6 GHz band to more than double capacity to meet the increasing demands of bandwidth-hungry video, growing numbers of clients and Internet of Things (IoT) devices, and growth of cloud services.

Configurable dual radios support any two of three Wi-Fi 6E bands (2.4, 5, and 6 GHz) and provide full Wi-Fi 6E coverage in a multi-AP environment. The flexible compact form factor includes multigigabit and gigabit ports, Power over Ethernet (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. The 600H series include a limited

mount model that can be PoE powered

– IoT-ready with support for Bluetooth 5 and Zigbee

lifetime warranty.

Features

High Performance Wi-Fi 6E

HPE Aruba Networking 600H Series Hospitality Access Points are fully Wi-Fi CERTIFIED® to meet all the requirements for for greater efficiency including orthogonal frequency-division multiple access (OFDMA), MUMIMO, and target wake time (TWT) to extend the battery life of devices.

Faster performance with 6 GHz band that delivers up to 1200 MHz additional capacity and 3.6 Gbps maximum combined data rate to better support high-bandwidth, low-latency applications such as high-definition video.

Configurable dual radios support any two of three Wi-Fi 6E bands (2.4, 5, and 6 GHz) and provide full Wi-Fi 6E coverage in a multi-AP environment.

Enhanced wireless experience with ClientMatch technology that removes sticky client issues by steering a client to the AP where it receives a strong radio signal.

Convenient wired connectivity and support for PoE with fast 2.5GbE uplink port, two 1GbE ports, and two 1GbE PSE ports capable of supplying up to total of 30W PoE.

Simplified Access with Enhanced Security

The HPE Aruba Networking 600H 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.

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

To simplify policy enforcement, the 600H series uses the policy enforcement firewall to encapsulate traffic from the AP to the gateway (or mobility controller) for end-to-end encryption and inspection.

For enhanced device assurance, the 600H series includes an installed trusted platform module (TPM) for secure storage of credentials, keys, and boot code.

Ready for IoT

HPE Aruba Networking 600H 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.

The target wake time (TWT) establishes a schedule for when clients need to communicate with an access points to help improve client power savings and reduces 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) provides insights into energy consumption. Our APs continuously monitor and report hardware energy usage. Unlike other the vendors' APs, our APs can also be configured to enable or disable capabilities based on available PoE power.

Technical specifications	HPE Aruba Networking 600H Series Hospitality Access Points
Deployment	Hospitality Indoor
Wi-Fi generation	Wi-Fi 6E (802.11ax with 6 GHz)
Wi-Fi radios	Dual 2x2
Radio configuration options	2.4 GHz and 5 GHz or 2.4 GHz and 6 GHz or 5 GHz and 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80 (5 GHz), 20/40/80/160 (6 GHz), and maximum peak data rate 3.6 Gbps
Wi-Fi antenna	AP-605H: Integrated directional antennas for 2x2 MIMO. Built-in antennas for vertical wall or desk-mounted orientation of the AP.
Ultra tri-band (UTB) filtering	No
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5
Integrated sensor	No
Location services	802.11 FTM support GNSS receiver
Cellular support	USB LTE modem (sold separately)
Wired network interface	1x 2.5GbE, 4x 1GbE
MACsec support	No
Ports	Uplink (E0): Ethernet wired network port (RJ-45) Downlink (E1-–E4): Ethernet wired network ports (RJ-45)(E1 and E2: POE-PSE) USB 2.0 host interface (Type A connector) Cellular radio module interface (accessible after removing the back cover) Serial console interface (proprietary, micro-B USB physical jack) Kensington security slot
AP operating system support	HPE Aruba Networking Wireless Operating System 10 HPE Aruba Networking Wireless Operating System 8 HPE Aruba Networking Instant OS 8
AP management	On-premises Public Cloud Virtual Private Cloud (VPC) as a Service

Technical specifications	HPE Aruba Networking 600H Series Hospitality Access Points
Certifications	Wi-Fi Alliance® Wi-Fi CERTIFIED® a, b, g, n, ac Wi-Fi CERTIFIED 6 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 SIG Ethernet Alliance (PoE-PD device, class 6, and PoE PSE device, class 4) UL2043
Regulatory	FCC/ISED CE marked Low Voltage Directive 2014/35/EU 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.

SKU overview

SKU	Description
S0B57A	HPE Aruba Networking AP-605H (EG) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Hospitality AP
S5E05A	HPE Aruba Networking AP-605H (ID) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Hospitality AP
S0B58A	HPE Aruba Networking AP-605H (IL) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Hospitality AP
S0B59A	HPE Aruba Networking AP-605H (JP) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Hospitality AP
S1F95A	HPE Aruba Networking AP-605H (RW) 10pk Dual Radio Tri Band 2x2:2 Wi-Fi 6E Hospitality Access Point
S0B60A	HPE Aruba Networking AP-605H (RW) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Hospitality AP
S0B61A	HPE Aruba Networking AP-605H (RWF1) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB TAA Hospitality AP
S1F96A	HPE Aruba Networking AP-605H (US) 10pk Dual Radio Tri Band 2x2:2 Wi-Fi 6E Hospitality Access Point
S0B62A	HPE Aruba Networking AP-605H (US) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Hospitality AP
S0B63A	HPE Aruba Networking AP-605H (USF1) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB TAA Hospitality AP
S0B64A	HPE Aruba Networking AP-605HR (EU) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Remote AP Bundle
S0B65A	HPE Aruba Networking AP-605HR (US) 2-Radio 3-Band 2x2 Wi-Fi 6E 1+4 ETH PSE USB Remote AP Bundle

Related Options

The following options are available for these series:

SKU	Description
Cables/Cable Kits	
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
Enterprise Networking Products	
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
Mounting Rack/Rail Options	
S0J41A	HPE Aruba Networking AP-500H-MNTD2 RJ45 Ethernet Jack Desk Mount
S0J42A	HPE Aruba Networking AP-600H-MNT1 Single Hang Wall-Box Mount Kit
S0J43A	HPE Aruba Networking AP-600H-MNT2 Dual Hang Wall-Box Mount Kit
Networking Options	
R8G76A	HPE Aruba Networking USB Extender Cable Kit
Power Management Options	
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
R1C73A	HPE Aruba Networking AP-POE-BTSR 1-Port Smart Rate 802.3bt 60W Midspan Injector

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

— Planning, audit, and assessment
— Architecture review and design
— Deployment, migration, and knowledge transfer

Annual subscription services include:

— Network optimization
— Intelligent Operations
— Customer Experience Management

Our Education Services allow your team to come up to speed quickly.

GreenLake for Networking

Deliver innovative business outcomes by leveraging new ways to consume, deploy and manage networks.

For additional technical information, available models and options, please reference the QuickSpecs

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PSN1014792676WWEN, October, 2026.

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