HPE Aruba Networking 720 Series Campus Access Points

Что нового?

- Fast, secure, and cost-effective Wi-Fi 7 access points for high-density campus deployments
- Comprehensive triband coverage across 2.4 GHz, 5 GHz, and 6 GHz delivers up to 4.7 Gbps maximum aggregate data rate
- Flexible integrated IoT radio can be configured for Bluetooth or 802.15.4/Zigbee operation
- AI-powered orchestration and management with HPE Aruba Networking Central
- Fast 2.5 Gbps Ethernet wired connectivity and is conveniently powered by PoE (IEEE 802.3af/at)
- Fixed indoor access points with integrated

Обзор

Designed to deliver cutting-edge Wi-Fi performance, the HPE Aruba Networking 720 Series Campus Access Points offers enterprises a cost-effective solution that addresses the demand for fast, secure, high performance connectivity.

Leveraging the Wi-Fi 7 standard, these access points boost security, simplify support for Internet of Things (IoT) devices, and provide highly accurate location-aware capabilities. Offering exceptional deployment flexibility, HPE Aruba Networking Central provides intelligent automation, AI insights, and unified infrastructure management to improve wireless performance and help drive efficient IT operations across both wired and wireless.

This compact indoor Wi-Fi 7 access point is designed with three 2x2 MIMO radios (2.4 GHz, 5 GHz, and 6 GHz), a fast 2.5 Gbps Ethernet port, and a flexible IoT radio that's configurable for Bluetooth or Zigbee. The 720 series includes a limited lifetime warranty.

antennas are part of the low power indoor (LPI) device class

Функции

Wi-Fi 7 With AI-powered Management

The HPE Aruba Networking 720 Series Campus Access Points take advantage of the 6 GHz band to more than double the available capacity and AI-powered management that offers exceptional deployment flexibility, in the cloud, on-premises, or as a service, for Wi-Fi that is easier to manage.

Midrange Wi-Fi 7 access points, based on the 802.11be standard, deliver up to 4.7 Gbps maximum tri-band aggregate data rate using three 2x2 MIMO radios (2.4 GHz, 5 GHz, and 6 GHz). Supports 20 MHz, 80 MHz, and 160 MHz wide channels.

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

Improved roaming and connectivity with HPE Aruba Networking ClientMatch technology that helps eliminate sticky client issues and improve performance of mobile clients.

Dynamic bandwidth adjustments support changing device density, enhanced roaming, and realtime channel assignments to mitigate cochannel interference and builtin filtering automatically reduces the impact of interference for better Wi-Fi experiences.

Comprehensive Network Security

The HPE Aruba Networking 720 Series Campus 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.

Network protection with stronger encryption and authentication with WPA3, secure credentials/keys storage for guest access with Enhanced Open (OWE), and user and IoT access policy enforcement firewalls.

AI-powered classification of all Wi-Fi clients and IoT devices through HPE Aruba Networking Central uses deep packet inspection to provide behavioral context that helps ensure devices are receiving proper policy enforcement and continuous monitoring.

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

Expanded IoT Support

The HPE Aruba Networking 720 Series Campus Access Points can serve as flexible IoT platforms that bolster network security and provide coverage for a broad range of IoT devices without the need for network overlays for IoT devices.

Configure flexible integrated IoT radio for Bluetooth Low Energy (BLE) or 802.15.4/Zigbee operation to simplify deploying and managing IoT-based location services, asset tracking services, security solutions and IoT sensors. A USB port extension provides connectivity to a range of IoT devices.

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. It helps streamline non-Wi-Fi device onboarding and data collection.

Location Services and Energy Saving

The HPE Aruba Networking 720 Series Campus Access Points help organizations deliver precision indoor location services by supporting FTM 802.11az for sub-1 meter accuracy.

AI-powered dynamic power save mode enables the 720 series to sleep and then automatically wake up when connectivity demand arises, reducing power demands, and lowering the energy footprint.

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

Intelligent power monitoring provides energy consumption insights as the access points continuously monitor and report hardware energy usage.

These APs can also be configured to enable or disable capabilities based on available PoE power, ideal when wired switches have exhausted their PoE power budget.

Технические характеристики	HPE Aruba Networking 720 Series Campus Access Points
Антенна Wi-Fi	AP-725: Integrated downtilt omnidirectional antennas for 2x2 MIMO. Built-in antennas are optimized for horizontal ceiling-mounted orientation of the access point (AP). The downtilt angle gain is roughly 30° to 40°.
Порты	E0: Ethernet wired network port (RJ-45) U0: USB 2.0 host interface (Type A connector) Kensington security slot Serial console interface (proprietary, micro-B USB physical jack)
Сертификаты и соответствие требованиям	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 4)
Передача данных	FCC/ISED CE Marked Low voltage directive 2014/35/ EU UL/IEC/EN 62368-1 EN60601-1-2 For more country-specific regulatory information and approvals, contact your HPE representative.
Гарантия	Limited lifetime warranty. See the warranty duration.

SKU overview

SKU	Описание
S4A19A	HPE Aruba Networking AP-725 (EG) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point
S4A18A	HPE Aruba Networking AP-725 (ID) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point
S4A20A	HPE Aruba Networking AP-725 (IL) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point
S4A21A	HPE Aruba Networking AP-725 (JP) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point
S4A24A	HPE Aruba Networking AP-725 (RW) Tri Radio 2x2 Wi-Fi 7 Internal Antennas 10-pack Campus Access Point
S4A22A	HPE Aruba Networking AP-725 (RW) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point
S4A23A	HPE Aruba Networking AP-725 (RW1) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point
S4A26A	HPE Aruba Networking AP-725 (US) Tri Radio 2x2 Wi-Fi 7 Internal Antennas 10-pack Campus Access Point
S4A25A	HPE Aruba Networking AP-725 (US) Tri Radio 2x2 Wi-Fi 7 Internal Antennas Campus Access Point

Related Options

The following options are available for these series:

SKU	Описание
Cables/Cable Kits	
R8L34A	HPE Aruba Networking AP-CBL-EXT10 10-pack CAT6A Ethernet Extension Cables
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	
S4A27A	HPE Aruba Networking AP-720-CVR-20 Access Point 20-pack White Non-Glossy Snap-On Covers
S0J40A	HPE Aruba Networking AP-MNT-MP10-U Campus AP Universal 10-pack Mount Bracket Kit
Mounting Kits	
R3J15A	HPE Aruba Networking AP-MNT-A Campus AP Type A Suspended Ceiling Rail Flat 9/16 Mount Bracket Kit
R3J16A	HPE Aruba Networking AP-MNT-B Campus AP Type B Suspended Ceiling Rail Flat 15/16 Mount Bracket Kit
R3J17A	HPE Aruba Networking AP-MNT-C Campus AP Type C Suspended Ceiling Rail 9/16 Profile Mnt Bracket Kit
R3J18A	HPE Aruba Networking AP-MNT-D Campus AP Type D Solid Surface Mount Bracket Kit
R3J19A	HPE Aruba Networking AP-MNT-E Campus AP Type E Wall-Box Mount Bracket Kit
JZ370A	HPE Aruba Networking AP-MNT-MP10-A Campus AP 10-Pack 9/16 Flat Ceiling Rail Mount Bracket Kit
R6T34A	HPE Aruba Networking AP-MNT-MP10-B1 Campus AP 10-Pack 15/16 Adj Flat Ceiling Rail Mount Bracket Kit
Q9G69A	HPE Aruba Networking AP-MNT-MP10-B Campus AP 10-Pack 15/16 Flat Ceiling Rail Mount Bracket Kit
Q9G70A	HPE Aruba Networking AP-MNT-MP10-C Campus AP 10-Pack Profile 9/16 Ceiling Rail Mount Bracket Kit
Q9G71A	HPE Aruba Networking AP-MNT-MP10-D Campus AP 10-Pack Solid Surface Mount Bracket Kit
R1C72A	HPE Aruba Networking AP-MNT-MP10-E Campus AP 10-Pack Wall-box Mount Bracket Kit
R3T20A	HPE Aruba Networking AP-MNT-MP10-X Campus AP 10-Pack Mount Adapter Kit
S4K79A	HPE Aruba Networking AP-MNT-U Campus Access Point Type U Universal Mount Bracket Kit
Power Management Options	
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

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.

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