HPE Aruba Networking 630 Series Campus Access Points

HPE Aruba Networking AP-635 (RW) Tri Radio 2x2 Wi-Fi 6E Internal Antennas 5-pack Campus Access Point (S3J35A)

What's new

- Three radios to extend the benefits of Wi-Fi 6E to the 6 GHz band accessing up to 1200 MHz of spectrum

- Wider channels and less interference to deliver faster speeds for low-latency, bandwidth-hungry applications like high-definition video and augmented reality / virtual reality

- Unique filtering capabilities to mitigate gaps in coverage and help minimize interference between the 5

Overview

HPE Aruba Networking 630 Series Campus Access Points are designed to take advantage of the 6 GHz band using three radios for comprehensive tri-band coverage. With 6 GHz, wireless capacity is more than doubled, allowing enterprises to meet needs today and plan for future growth. The Wi-Fi 6E APs allow countries to take advantage of Wi-Fi 6E once it is approved in country through automated notification and easy deployment of 6 GHz regulatory tables.

The 630 series delivers a maximum aggregate 3.9 Gbps data rate for higher throughput and faster speeds for fixed low power indoor (LPI) use. With up to seven 160 MHz channels, the 630 series increases performance for low-

GHz and 6 GHz bands

– High availability with hitless failover for Ethernet and power to help ensure business continuity

– Automated notification and easy deployment of 6 GHz regulatory tables to allow countries to take advantage of Wi-Fi 6E, once it is approved in the country

latency, bandwidth-hungry applications. The ultra tri-band (UTB) filtering eliminates interference between 5 GHz and 6 GHz and prevents gaps in channel coverage. To ensure high availability, the 630 series includes dual port hitless failover for Ethernet and power.

Features

More Capacity and Wider Channels with Wi-Fi 6E

The HPE Aruba Networking 630 Series Campus Access Points deliver a maximum aggregate 3.9 Gbps data rate for higher throughput and faster speeds.

With up to seven 160 MHz channels, the APs help maximize performance for low-latency, bandwidth-hungry applications.

It is designed for low power indoor (LPI) environments.

Less Interference and Fewer Coverage Gaps

The HPE Aruba Networking 630 Series Campus Access Points provide comprehensive tri-band coverage using three radios.

The unique ultra tri-band (UTB) filtering mitigates interference among 5 GHz and 6 GHz radios and prevents gaps in channel coverage.

Since only Wi-Fi 6E devices can operate in the 6 GHz band, it is less congested with no interference from legacy devices.

Extends capabilities of Wi-Fi 6 (802.11ax) APs

HPE Aruba Networking 630 Series Campus Access Points are based on the 802.11ax standard so multiuser efficiency and security features are applied to Wi-Fi 6E.

Unique capabilities include HPE Aruba Networking ClientMatch, advanced cellular coexistence (ACC), and intelligent power monitoring (IPM) to optimize user experience and energy use.

Ensures Business Continuity and High Availability

High availability with two HPE Smart Rate Ethernet ports offer true hitless failover for both data and power.

Cloud, controller, or controllerless operation modes address all campus, branch, and remote use cases.

Technical specifications	HPE Aruba Networking AP-635 (RW) Tri Radio 2x2 Wi-Fi 6E Internal Antennas 5-pack Campus Access Point
Product Number	S3J35A
Deployment	Indoor
Wi-Fi generation	Wi-Fi 6E (802.11ax with 6 GHz)
Wi-Fi radios	Triple 2x2
Radio configuration options	2.4 GHz and 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 3.9 Gbps
Wi-Fi antenna	Two integrated dual-band downtilt omnidirectional antennas for 2x2 MIMO with peak antenna gain of 4.6 dBi in 2.4 GHz, 7.0 dBi in 5 GHz and 6.3 dBi in 6 GHz. Built-in antennas are optimized for horizontal ceiling-mounted orientation of the AP. The downtilt angle for maximum gain is roughly 30 degrees. Combining the patterns of each of the antennas of the MIMO radios, the peak gain of the combined, average pattern is 2.9 dBi in 2.4 GHz, 4.9 dBi in 5 GHz and 4.3 dBi in 6 GHz.
Ultra tri-band (UTB) filtering	Yes
IoT support	IEEE 802.15.4/Zigbee or Bluetooth 5.0, USB port
Integrated sensor	No
Location services	802.11 FTM support GNSS receiver
Cellular support	USB LTE modem (sold separately)
Wired network interface	2 x 2.5GbE
MACsec support	No
AP operating system support	AP-634 (excluding 6 GHz support): HPE Aruba Networking Wireless Operating System and HPE Aruba Networking Instant OS 8.11.2.0, HPE Aruba Networking Wireless Operating System 10.6.0.0 AP-634 (including 6 GHz support): HPE Aruba Networking Wireless Operating System and HPE Aruba Networking Instant OS 8.12.0.0, HPE Aruba Networking Wireless Operating System 10.7.0.03 AP-635: HPE Aruba Networking Wireless Operating System and HPE Aruba Networking Instant OS 8.9.0.0, HPE Aruba Networking Wireless Operating System 10.4.0.0 Standard power product class operation of the AP-634 is only supported on HPE Aruba Networking OS 10.7.0.0 and later deployments and HPE Aruba Networking OS 8.12.0.0 and later deployments that include a HPE Aruba Networking Mobility Conductor. Standard power operation is not supported on Instant OS deployments or 8.x HPE Aruba Networking OS deployments without a HPE Aruba Networking Mobility Conductor.

Technical specifications	HPE Aruba Networking AP-635 (RW) Tri Radio 2x2 Wi-Fi 6E Internal Antennas 5-pack Campus Access Point
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 6E (ax, 6 GHz)
	  WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE)
	  WMM, WMM-PS, W-Fi Agile Multiband
	Bluetooth SIG
	Ethernet Alliance (PoE, PD device, class 5)

Regulatory	FCC/ISED CE Marked RED Directive 2014/53/EU EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU UL/IEC/EN 60950 IEC/EN 62368-1 EN 60601-1-1, EN60601-1-2
Warranty	Limited lifetime warranty. See the warranty duration.
Weight	1300g
Product dimensions	220mm x 220mm x 50mm
Ports	E0, E1: Two Ethernet wired network ports (RJ-45) USB 2.0 host interface (Type A connector) Serial console interface (proprietary, micro-B USB physical jack) Kensington security slot
Mounting	The AP-635 built-in antennas are optimized for horizontal orientation of the AP, mounted at a typical ceiling height.

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.

HPE GreenLake for Networking

Our NaaS solution, is part of the HPE GreenLake services family, and simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking solution. If you need expert guidance and automation-based operations for your team, please explore our NaaS approach through HPE GreenLake for Networking.

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

Visit HPE.com

[Chat now](#)

PSN1014839287IEEN, February, 2026.

HEWLETT PACKARD ENTERPRISE

hpe.com