

Aruba J9625A

Datasheet



Product Overview

- The Aruba 2620 Switch Series is a family of Fast Ethernet access switches designed for reliable, cost-conscious edge connectivity in business networks.
- The J9625A targets branch offices, classrooms, and small campus networks that need quiet, efficient PoE access for IP phones, cameras, and wireless APs.
- It delivers 10/100 access with dedicated uplinks, offers Lite Layer 3 IPv4/IPv6 static and RIP routing, and supports robust PoE+ power for edge devices.
- PoE+ models in the series, including J9625A, provide up to 30 W per port, supporting a wide range of IEEE 802.3af/802.3at-compliant endpoints.
- Fan-less or variable-speed fan designs help ensure quiet operation, making the switches suitable for open offices, retail floors, and learning spaces.
- By combining affordable Layer 3 features, PoE+ power, and simple deployment, the Aruba 2620 Series helps enterprises modernize access networks with minimal complexity.

Product Highlights

- **Cost-Effective Access Switching:** Designed as an economical access layer platform, the Aruba J9625A helps distributors and SMB integrators deliver reliable edge connectivity while keeping project budgets under control.
- **Lite Layer 3 IPv4/IPv6 Routing:** Supports Lite L3 functions such as static routing and RIP for both IPv4 and IPv6, enabling simple traffic segmentation and inter-VLAN routing without needing a more complex core device.
- **30 W PoE+ Per Port:** On PoE models, including J9625A, each powered port can supply up to 30 W, ideal for IP phones, HD cameras, and dual-band access points in offices, schools, and retail sites.
- **Gigabit Fiber Uplinks and Enterprise Features:** Gigabit fiber uplinks and enterprise-class capabilities such as QoS and security features ensure stable performance and smooth integration into existing corporate networks.

Detailed Features



J9625A

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Component	Specification
Model	Aruba 2620 J9625A
Ports	24 × 10/100/1000 PoE+ ports
PoE Power Budget	370 W PoE+
Switching Layer	Layer 3 Lite
Form Factor	Rack-mountable switch



Optimized Access Layer Design

Aruba J9625A is engineered as an efficient access switch for branch and campus networks that need both data and power on a single platform. With 24 Fast/Gigabit Ethernet ports and PoE+ support, it consolidates edge connectivity for IP phones, wireless access points, and surveillance cameras, reducing the need for separate power infrastructure while maintaining stable throughput for everyday business applications.

High PoE+ Power Budget

The switch delivers a substantial PoE+ power budget, allowing multiple IEEE 802.3af and 802.3at devices to run concurrently without additional injectors. This simplifies cabling layouts and lowers installation time for integrators, particularly in multi-AP wireless deployments or dense IP camera installations. Intelligent allocation ensures power is distributed efficiently so priority devices remain online during peak load.

Lite Layer 3 Routing Capability

J9625A includes Lite Layer 3 functionality, supporting IPv4 and IPv6 static routes and RIP. This allows basic inter-VLAN routing and segmentation at the access layer, offloading the distribution switch or router. For small and medium networks, this reduces dependence on higher-end routing platforms and provides flexible topology design, while still keeping configuration straightforward for IT teams.

Quiet Operation for Open Spaces

The 2620 Series offers fan-less or variable-speed fan designs, and the J9625A benefits from a low-noise hardware layout suitable for open offices, classrooms, and retail floors. Reduced acoustic output is important in customer-facing or learning environments, where noisy IT equipment is unacceptable. The design balances silent operation with sufficient cooling to maintain long-term reliability in typical ambient conditions.

Enterprise-Grade Reliability

Built under the Aruba and HPE networking portfolio, the J9625A follows enterprise hardware standards, including robust components, efficient power circuits, and extensive quality testing. This ensures consistent uptime for business-critical services such as IP telephony and Wi-Fi. Combined with long-term support policies, it offers distributors and integrators a dependable option for large rollouts with predictable lifecycle costs.

Simple Deployment and Management

The switch fits well into existing Aruba and multivendor networks, with a familiar command-line interface and support for common management frameworks. It can be integrated into centralized management tools for monitoring, configuration, and firmware control, helping IT teams standardize templates and reduce on-site visits. Clear LED indicators and intuitive status views assist technicians during initial deployment and troubleshooting.

Flexible Network Expansion

With full PoE+ across access ports and dedicated uplinks, J9625A allows networks to grow organically as new IP endpoints are added. Integrators can start with a modest deployment and later expand wireless coverage or video surveillance without redesigning the switching layer. Support for VLANs and Lite L3 routing enables gradual segmentation of traffic as the organizations security or performance requirements evolve.

Balanced Performance for Edge Services

The platform is tuned for typical access workloads, combining adequate switching capacity and forwarding performance with energy-conscious operation. This balance avoids overprovisioning while still delivering smooth performance for VoIP, web, and cloud applications. For many small and mid-sized sites, J9625A provides the right level of capability without the complexity or cost of data-center-class hardware.

Technical Specifications

Product Specifications

Feature	Value
Product Model	Aruba J9625A
Switch Type	Ethernet Switch
Number of Ports	24
Power over Ethernet (PoE+)	Yes
Throughput	up to 9.5 Mpps
Switching Capacity	12.8 Gbps
RAM (installed)	512MB



Feature	Value
Voltage Required	AC 120/230 V (50/60 Hz)
PoE capability	382 W PoE+
Power Supply	External power adapter
Dimensions Height	1.7"h
Dimensions Width	17.4"w
Dimensions Depth	14.5"d
Operating Temperature Min	0°C
Operating Temperature Max	45°C
Operating Humidity Range	15% to 95% (non-condensing)
Operating Altitude Max	Up to 3,048 meters
Warranty - Parts	Limited Lifetime

Product Comparison

Feature	J9625A	C1-C2960X-24PS-L	H3C S5130S-52S-PWR-HI
Switch Type	Fast/Gigabit Ethernet access switch	Gigabit Ethernet access switch	Gigabit Ethernet access switch
Fixed Ports	24 × 10/100/1000 PoE+	24 × 10/100/1000 PoE+	48 × 10/100/1000 PoE+ + 4 × SFP
PoE Capability	PoE+ with up to 382 W budget	PoE+ with mid-range budget	High PoE+ budget for dense deployments
Switching Capacity	12.8 Gbps	Higher than 12.8 Gbps for Gigabit-only design	Higher capacity for larger edge networks
Layer 3 Features	Lite L3 with static and RIP routing	Enhanced L3 with more advanced routing options	Richer L3 and multicast features for campus use
Form Factor	1U rack-mount, external power adapter	1U rack-mount, internal power supply	1U rack-mount, enterprise chassis design
Target Deployment	Small branches, classrooms, quiet offices	SMB and branch networks with Cisco infrastructure	Medium/large campus access with higher port density
Management Ecosystem	Integrates with Aruba/HPE tools	Part of Cisco Catalyst management ecosystem	Managed via H3C enterprise management platforms

Accessories



Category	Accessories
Included Accessories	<ul style="list-style-type: none">- External power adapter- Rack mounting kit- Quick installation guide
Optional Accessories	<ul style="list-style-type: none">- SFP fiber transceivers- Rack cable management bracket- Additional PoE-capable patch cables



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References

[1] Aruba, a Hewlett Packard Enterprise company. (n.d.). Aruba 2620 Switch Series J9625A Specifications. Retrieved from <https://www.hpe.com/psnow/doc/c04111491>