

# Aruba J9624A

## Datasheet



## Product Overview

- The Aruba 2620 Series is a cost-effective family of Fast Ethernet access switches, designed to deliver reliable wired connectivity for branch offices and SMB networks.
- Ideal for classrooms, retail floors, branch offices, and open work areas, it serves enterprises, schools, and public-sector users needing quiet, dependable access.
- Hardware options span 10/100 access with PoE+ support, including models such as the 2620-24, 2620-24-PPoE+, 2620-24-PoE+, and 2620-48 with flexible uplinks.
- Fanless design on selected 24-port models and variable-speed fans on 48-port units keep noise low while maintaining cooling efficiency in noise-sensitive spaces.
- Centralized management, static and RIP routing, VLAN support, and secure access controls simplify deployment, daily operations, and long-term maintenance.
- For wired edge networks that must power IP phones, APs, and cameras, the Aruba 2620 Series offers quiet operation, PoE+, and enterprise features in a compact form factor.

## Product Highlights

- **Cost-Optimized Access Layer:** Provides an affordable Fast Ethernet access solution for branch, campus, and SMB networks without sacrificing stability or core enterprise capabilities.
- **IPv4/IPv6 Lite Layer 3 Routing:** Supports static routing and RIP for both IPv4 and IPv6, enabling simple inter-VLAN routing and multi-network segmentation at the access layer.
- **30 W PoE+ Per Port:** PoE models deliver up to 30 W per powered port, ideal for IP phones, wireless access points, and surveillance cameras over a single Ethernet cable.
- **Gigabit Fiber Uplinks and Enterprise Features:** Gigabit SFP uplinks and enterprise-grade functions such as secure management, QoS, and VLANs ensure reliable integration with the aggregation or core.

## Detailed Features



J9624A

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Component	Specification
Model	J9624A
Series	Aruba 2620 Series Switch
Downlink Ports	24 × 10/100/1000 PoE+
PoE Power Budget	370W PoE Power
Uplink Ports	2 × SFP



## Optimized PoE+ Power Budget

The Aruba J9624A offers 24 10/100/1000 PoE+ ports backed by a 370W PoE power budget, allowing dense deployment of IP phones, wireless access points, and security cameras on a single switch. This capacity supports many 30W 802.3at devices simultaneously, simplifying power design and removing the need for separate power injectors. It is well suited for offices, classrooms, and retail floors where many PoE endpoints must be powered reliably.

## Flexible Gigabit Access Design

By combining Fast/Gigabit copper access with dedicated SFP uplink slots, the J9624A can connect end devices while aggregating traffic upstream over fiber. This mix of port types enables long-distance runs to wiring closets or aggregation switches without signal loss. Network planners can choose copper or fiber uplinks to match building layout, making the switch a versatile choice for both small sites and multi-floor campuses.

## Enterprise-Class Managed Switching

As a fully managed switch, the J9624A supports web-based and CLI management, VLAN segmentation, QoS, and secure protocols such as SSH and SSL. These capabilities help administrators implement consistent policies, monitor traffic, and protect management access. Integration into existing management platforms becomes straightforward, letting small IT teams maintain enterprise-grade visibility and control without complex tools.

## Quiet and Space-Efficient Deployment

The Aruba 2620 family includes fanless and variable-speed fan models to minimize noise in open areas. Although the J9624A is a rack-mountable unit, its compact 1U height and efficient cooling make it suitable for small racks or shallow cabinets. This allows installation in offices, classrooms, and retail spaces where comfort, space usage, and low acoustic impact are important considerations.

## Robust Security and Access Control

Support for SSH, SSL, and TACACS+ on the J9624A helps secure device management channels and centralize authentication. These features ensure that only authorized administrators can change configurations, while encrypted sessions protect credentials in transit. Combined with VLANs and access policies, the switch contributes to a layered security posture from the access edge inward.

## Simplified IPv4/IPv6 Migration

Lite Layer 3 capabilities with IPv4 and IPv6 static and RIP routing make the J9624A a practical tool for mixed-protocol networks. Organizations can route traffic between legacy IPv4 segments and new IPv6 segments directly at the access layer when needed. This reduces dependence on upstream routers for simple routing tasks and supports gradual migration strategies without disruptive redesigns.

## Consistent User Experience with QoS

The switchs enterprise feature set typically includes QoS, which can prioritize latency-sensitive services such as voice and video carried over PoE-powered endpoints. By marking and queuing traffic appropriately, it helps maintain call quality and video stability even when links are busy. This is especially valuable in converged networks where data, voice, and surveillance share the same infrastructure.

## Cost-Effective Lifecycle and Operations

Designed as a cost-effective access layer platform, the J9624A balances purchase price with long-term operational savings. Centralized management, PoE integration, and stable enterprise-grade software reduce the need for additional devices and complex troubleshooting. For integrators and end users, this results in lower installation effort, easier maintenance, and predictable performance over the switchs service life.

# Technical Specifications

## Product Specifications

Feature	Value
Product Model	J9624A
Switch Type	Managed
Form Factor	Rack-mountable
Number of Ports	24 Ethernet Ports
Power Over Ethernet (PoE)	Yes
Compatible Devices	Desktop
VLAN Support	Yes



Feature	Value
Management	Web-based, CLI (Command Line Interface)
Security Protocols	SSH, SSL, TACACS+
Dimensions (DxWxH)	10 x 17.4 x 1.7 inches

## Product Comparison

Feature	J9624A	C1-WS3850-24P/K9	OS6250-P24
Fixed Ports	24 × 10/100/1000 PoE+	24 × 10/100/1000 PoE+	24 × 10/100 Fast Ethernet PoE
Uplink Ports	2 × SFP	4 × 1G/10G SFP+	4 × 1G SFP
PoE Budget	370W PoE Power	Approx. 435W PoE (typical for 24P)	Up to 190W PoE (model dependent)
Switch Type	Managed access switch	Managed stackable access switch	Managed access switch
Layer 3 Capability	Lite L3 with static and RIP routing	Enhanced L3 with advanced routing options	Basic L2 with limited L3 (model specific)
Stacking Support	Not specified / standalone	Hardware stacking supported	Virtual chassis stacking on selected models
Ideal Scenario	Cost-effective PoE access for SMB and branches	High-performance enterprise access with stacking	Compact PoE Fast Ethernet access in small sites

## Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none"> <li>- AC Power Cord</li> <li>- Rack Mounting Kit</li> <li>- Quick Installation Guide</li> </ul>
Optional Accessories	<ul style="list-style-type: none"> <li>- SFP Transceiver Modules</li> <li>- External RPS or UPS Unit</li> <li>- Additional Patch Cables</li> </ul>



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## References

[1] Aruba, a Hewlett Packard Enterprise company. (n.d.). Aruba 2620 Switch Series J9624A Specifications. Retrieved from <https://www.hpe.com/psnow/doc/c04111491>