

Aruba J9627A

Datasheet



Product Overview

- The Aruba 2620 Series, including the J9627A switch, delivers cost-effective Fast Ethernet edge connectivity with Gigabit uplinks for modern networks.
- Designed for small and medium offices, schools, and branch sites, it offers quiet operation options that suit open workspaces and classroom environments.
- Across the 2620 portfolio, selected models provide IEEE 802.3af/802.3at PoE+, 10/100 access ports, and Gigabit fiber uplinks to simplify access layer design.
- PoE+ models supply up to 30 W per port, ideal for powering IP phones, wireless access points, and surveillance cameras without separate power runs.
- Fanless and variable-speed fan designs reduce noise and power use while keeping the switch cool, easing deployment in space-constrained or shared areas.
- With enterprise-class features and simple management, the Aruba 2620 J9627A helps organizations build reliable, scalable access networks with predictable performance.

Product Highlights

- **Cost-Effective Access Switching:** Delivers reliable 10/100 edge connectivity with Gigabit uplinks, helping enterprises, campuses, and branches build stable access networks at a controlled cost.
- **Lite Layer 3 Dual-Stack Routing:** Supports Lite L3 IPv4/IPv6 static routes and RIP, enabling simple inter-VLAN routing and basic segmentation without needing a separate router.
- **30 W PoE+ on Access Ports:** PoE+ models offer up to 30 W per port for IP phones, APs, and cameras, reducing cabling complexity and eliminating many external power adapters.
- **Enterprise-Class Uplinks and Features:** Gigabit fiber uplinks and business-grade QoS, security, and management capabilities ensure consistent performance for voice, video, and data traffic.

Detailed Features



J9627A

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Component	Specification
Model	Aruba 2620 J9627A
Ports	48 × PoE+ Fast Ethernet
Switching Layer	Layer 3 Lite, managed
Deployment	Rack-mountable access switch
Management	Full managed enterprise features



High-Density PoE+ Access

Aruba J9627A offers 48 PoE+ ports, allowing simultaneous connection and power delivery to a large number of IP endpoints such as phones, cameras, and access points. With support for up to 30 W per powered port, it can handle diverse powered devices without external injectors, simplifying cabling, reducing installation time, and enabling flexible device placement across offices and remote branches.

Efficient Fast Ethernet Edge with Gigabit Uplinks

The switch combines 10/100 Mbps access with Gigabit uplinks, providing a strong balance between cost and performance. User devices connect at Fast Ethernet speeds, which are sufficient for most office workloads, while Gigabit uplinks ensure the aggregation links to core or distribution switches do not become a bottleneck. This architecture suits SMB and campus edge deployments looking to optimize budget and throughput.

Lite Layer 3 IPv4/IPv6 Routing

Aruba J9627A supports Lite Layer 3 features, including IPv4 and IPv6 static routes and RIP. This enables basic inter-VLAN routing and traffic segmentation directly on the access switch, reducing dependence on a dedicated router. Dual-stack support eases transition from IPv4 to IPv6, allowing mixed environments to operate smoothly while maintaining clear network boundaries and simple routing policies.

Enterprise-Class QoS and Security

Built-in Quality of Service capabilities allow prioritization of delay-sensitive traffic such as voice and video, ensuring consistent user experience even under load. Security functions like access control and port-level protection help defend against unauthorized access and simple attacks at the edge. Together, these enterprise-class features make the J9627A suitable for organizations that require stable, predictable service delivery.

Quiet and Flexible Cooling Design

Within the 2620 family, options such as fanless models and variable-speed fan designs support quiet operation in noise-sensitive spaces. While delivering reliable performance, the intelligent cooling approach helps lower acoustic impact and contributes to improved energy efficiency. This allows deployment in open offices, classrooms, and branch areas where traditional loud networking equipment would be disruptive.

Simplified Power and Cabling Infrastructure

PoE+ integration reduces the need for separate power supplies and electrical outlets at the device location. By carrying both data and power over a single Ethernet cable, the J9627A streamlines new device rollouts, particularly for wireless APs and IP surveillance. This simplification benefits installers and integrators by cutting installation complexity, minimizing points of failure, and improving overall project delivery timelines.

Managed Switch for Centralized Control

As a fully managed switch, Aruba J9627A supports centralized configuration, monitoring, and troubleshooting via standard management interfaces. Network teams can apply consistent policies, perform remote diagnostics, and track port status without on-site visits. This capability is particularly valuable for distributed networks spanning many branches, helping reduce operational costs and improving response time to network issues.

Reliable Platform for Growing Access Needs

With a fixed-configuration design, 48 PoE+ ports, and enterprise-grade switching capacity, the J9627A provides a stable platform for evolving access requirements. Organizations can start with a single switch and scale by adding more units at the edge while maintaining a consistent feature set. The combination of PoE+, Lite Layer 3 routing, and robust QoS equips the switch to handle growth in IP devices, unified communications, and Wi-Fi expansion over its service life.

Technical Specifications

Product Specifications

Feature	Value
Product Model	Aruba J9627A
Switch Type	Fixed configuration
Number of Ports	48
Power over Ethernet (PoE)	Yes



Feature	Value
Data Transfer Rate	1000 Mb per second
Switching Capacity	104 Gbps
Form Factor	Rack-mountable
Manageable	Yes
Quality of Service (QoS)	Yes
Security Features	Yes
Dimensions	14.5 x 17.4 x 1.7 inches

Product Comparison

Feature	J9627A	JL700A	JL256A
Switch Type	Fixed configuration, managed	Fixed configuration, managed	Fixed configuration, managed
Access Ports	48 × 10/100 PoE+	Typical: 24/48 × 10/100/1000Base-T	Typical: 24/48 × 10/100/1000Base-T
Uplink Capability	Gigabit fiber uplinks (series feature)	1G/10G SFP or SFP+ uplinks (model dependent)	1G/10G SFP or SFP+ uplinks (model dependent)
PoE Support	Yes, up to 30 W per port (PoE+ models)	Selected models with PoE/ PoE+ support	Selected models with PoE/ PoE+ support
Layer 3 Features	Lite L3 IPv4/IPv6 static and RIP routing	Enhanced L2/L3 feature set in newer Aruba platforms	Enhanced L2/L3 feature set in newer Aruba platforms
Switching Capacity	104 Gbps	Higher, depending on JL700A model	Higher, depending on JL256A model
Deployment Focus	Cost-effective Fast Ethernet access with PoE+	Next-generation Aruba access/aggregation	Aruba access switching with updated hardware
Ideal Scenario	SMB and branch edge with many powered devices	Modern enterprise edge or small aggregation	Campus and enterprise access with higher bandwidth

Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none"> - AC power cord - Rack-mount kit (brackets and screws) - Quick installation guide



Category	Accessories
Optional Accessories	<ul style="list-style-type: none">- SFP/SFP+ fiber transceivers- Additional rack cable management kit- Replacement AC power cord



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References

[1] Aruba, a Hewlett Packard Enterprise company. (n.d.). Aruba 2620 Switch Series (J9627A) Specifications. Retrieved from <https://www.hpe.com/psnow/doc/c04111491>