

Aruba J9565A

Datasheet



Product Overview

- The Aruba 2620 Series is a family of Fast Ethernet access switches designed to deliver reliable, cost-effective connectivity for edge networks.
- Ideal for small and medium offices, classrooms, branch locations, and retail spaces that need quiet, compact switching close to users.
- Models offer 10/100 access ports with options for PoE+ and SFP uplinks, delivering solid throughput and switching capacity for daily business traffic.
- PoE+ variants support IEEE 802.3af/802.3at with up to 30 W per port, while fan-less and variable-speed fan designs keep operation quiet.
- Simple Layer 2 and Lite Layer 3 features make deployment and ongoing management straightforward for IT teams and managed service providers.
- In open offices, hospitality, and education, the Aruba 2620 Series balances affordability, silent operation, and enterprise-grade reliability at the edge.

Product Highlights

- **Cost-Effective Access Layer:** Provides reliable Fast Ethernet access at an attractive price point, ideal for budget-conscious branches, SMB offices, and distributed sites.
- **Lite L3 Dual-Stack Routing:** Supports Lite Layer 3 IPv4/IPv6 static routing and RIP, enabling simple inter-VLAN routing and basic WAN edge functions.
- **30 W PoE+ on PoE Models:** Delivers up to 30 W per powered port on PoE variants, supporting IP phones, wireless APs, and surveillance cameras over a single cable.
- **Gigabit Fiber Uplinks & Enterprise Features:** Offers Gigabit fiber uplinks plus enterprise-grade QoS, security, and management to integrate cleanly into core and aggregation networks.

Detailed Features



J9565A

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Component	Specification
Model	Aruba 2615 Series J9565A
Downlink Ports	8 × 10/100 PoE
Uplink Ports	2 × SFP
Cooling	Fanless design
Form Factor	Desktop or rack-mount switch



Silent Fanless Design

The Aruba 2615-8-PoE Switch adopts a fanless hardware design, eliminating moving parts and significantly reducing noise and potential failure points. This makes the J9565A especially suitable for noise-sensitive environments such as classrooms, open-plan offices, hotel rooms, and retail counters. Fanless operation also reduces dust intake and maintenance needs, helping to extend the switch's service life in challenging edge locations.

Compact PoE Edge Access

With 8 x 10/100 PoE ports, the J9565A is tailored for small edge deployments that need both data and power on a limited number of endpoints. It can power IP phones, wireless access points, and IP cameras directly from the switch, simplifying cabling and reducing the need for extra power outlets. This compact design is efficient for small offices, meeting rooms, or retail sites where space and budgets are constrained but reliability is still critical.

Integrated SFP Uplinks

The switch includes 2 SFP slots that provide flexible fiber uplink options toward aggregation or core switches. This allows network designers to use single-mode or multimode fiber based on distance and site layout. Dedicated SFP uplinks help separate uplink traffic from access ports, reduce congestion, and maintain stable performance when connecting remote wiring closets or extended campus buildings.

Optimized for Fast Ethernet Access

The J9565A offers 10/100 Mbps access on all downlink ports, fitting many legacy and current endpoint requirements where full Gigabit is not essential. This enables organizations to modernize power delivery and management without replacing all endpoint devices. The switch's performance profile is aligned with typical SMB and branch workloads such as VoIP, office applications, point-of-sale systems, and low to medium bandwidth Wi-Fi APs.

Reliable PoE Power Budget

With a PoE budget designed for 8 access ports, the Aruba 2615-8-PoE Switch can supply consistent power to multiple devices simultaneously. This centralizes power control for edge devices, improving uptime and easing troubleshooting. PoE simplifies moves, adds, and changes since endpoints can be relocated without the need for new electrical outlets, which is especially useful in dynamic office or classroom layouts.

Energy-Efficient Internal Power Supply

The J9565A uses an internal power supply with 100240 VAC auto-ranging input, allowing deployment across global regions without external adapters. The design is optimized for efficiency, with a maximum power consumption of 86 W that includes PoE load. This helps reduce operating costs and heat output in small spaces, supporting organizations that prioritize energy-saving and green IT practices.

Robust Environmental Tolerance

Designed for typical enterprise environments, the switch supports an operating temperature range from 0 to 45°C and humidity from 15% to 95% non-condensing. These specifications cover most office, campus, and branch scenarios, including enclosed cabinets with limited airflow. Built-in heat dissipation of 87 BTU/hr ensures stable operation while the fanless chassis avoids localized hot spots and vibration.

Flexible Mounting and Deployment

With compact dimensions of 10 x 6.28 x 1.75 inches and support for rack mounting, the J9565A fits easily into small racks, wall cabinets, or desktops. This flexibility helps integrators and installers adapt to diverse installation conditions, from small IT closets to under-desk mounting. The ability to standardize on a single compact form factor simplifies logistics and speeds rollout across multi-site deployments.

Technical Specifications

Product Specifications

Feature	Value
Model	Aruba 2615-8-PoE Switch
Product Type	Ethernet switch
Network Ports	8 x 10/100 Ethernet ports
Power over Ethernet (PoE)	Yes
Power Supply	Internal
Throughput	up to 4.1 Mpps



Feature	Value
Switching Capacity	5.6 Gbps
PoE capability	67 W PoE
Input voltage	100-240 VAC
Operating temperature range	0 to 45°C
Power consumption	max. power consumption: 86 W (maximum)
Heat dissipation	Heat dissipation: 87 BTU/hr (91.79 kJ/hr)
Minimum dimensions (Width)	Minimum dimensions (W x D x H): 10 in
Minimum dimensions (Depth)	Minimum dimensions (W x D x H): 6.28 in
Minimum dimensions (Height)	Minimum dimensions (W x D x H): 1.75 in
Rack Mountable	Yes
Operating Humidity	15% to 95% (non-condensing)

Product Comparison

Feature	J9565A	C1000-16P-2G-L	MS120-8FP-HW
Product Type	Fast Ethernet PoE edge switch	Gigabit Layer 2 PoE+ switch	Cloud-managed Gigabit PoE+ switch
Fixed Ports	8 × 10/100 PoE + 2 × SFP	16 × 10/100/1000 PoE+ + 2 × 1G SFP	8 × 10/100/1000 PoE+ + 2 × 1G SFP
PoE Budget	67 W PoE	Class-leading PoE+ budget for 16 ports	Full PoE+ budget for 8 ports
Switching Capacity	5.6 Gbps	Higher switching capacity for Gigabit access	Higher switching capacity for Gigabit access
Management	Traditional on-box/centralized management	Cisco web, CLI, and centralized tools	Meraki cloud-based centralized management
Noise Profile	Fanless, silent operation	Typically fan-cooled depending on model	Low-noise design for branch and SMB use
Ideal Scenario	Small Fast Ethernet edge with limited PoE devices	SMB or branch needing more PoE Gigabit ports	Cloud-managed branch, retail, and distributed sites
Deployment Scale	Single-room or small office, simple wiring closets	Larger branches or small campuses	Multi-site deployments managed from cloud dashboard

Accessories



Category	Accessories
Included Accessories	<ul style="list-style-type: none">- AC Power Cord- Rack Mounting Kit- Quick Installation Guide
Optional Accessories	<ul style="list-style-type: none">- SFP Transceiver Modules- Additional Ethernet Patch Cables- Cable Management Accessories



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References

[1] Hewlett Packard Enterprise. (2014). Aruba 2620 Switch Series J9565A Specifications. Retrieved from <https://www.hpe.com/psnow/doc/c04111491>