

Aruba J9732A

Datasheet



Product Overview

- The Aruba 2920 Switch Series is a reliable Layer 3 campus access platform designed to secure and scale wired networks.
- Ideal for enterprise edge, SMB, and distributed branch offices, it supports converged wired and wireless access.
- Powered by an advanced ProVision ASIC, it delivers low latency performance, deep packet buffering, and adaptive power savings for busy networks.
- The series supports modular stacking, 10GbE uplinks, PoE+, IPv6, ACLs, sFlow, and static, RIP, and access OSPF routing.
- It integrates with Aruba ClearPass, AirWave, and Aruba Central for policy control, monitoring, and zero-touch remote deployment.
- With pay-as-you-go stacking, flexible 10GBASE-T or SFP+ uplinks, and a license-free Layer 3 feature set, it protects long-term investment.

Product Highlights

- **Layer 3 Enterprise Switching:** Delivers Layer 3 routing with stacking, static and RIP routing, IPv6 support, ACLs, and sFlow for scalable edge and branch networks.
- **Unified Security and Visibility:** Works with Aruba ClearPass Policy Manager and Aruba AirWave to enforce secure access policies and provide end-to-end network visibility.
- **Flexible 10GbE Expansion:** Supports modular 10GbE uplinks with SFP+ and 10GBASET options plus upgradeable power supplies for up to 1440W PoE+.
- **Cloud and SDN Ready:** Enables simple rollouts with Zero Touch Provisioning, Aruba Central cloud management, REST APIs, and OpenFlow-based SDN integration.

Detailed Features



J9732A

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Component	Specification
Product Model	J9732A
Series	Aruba 2920 Switch
Port Configuration	2 × 10GBASE-T
Interface Type	10 GBase-T
Product Type	Expansion module



High-Performance 10GBASE-T Expansion

The J9732A module adds two 10 GBase-T ports to Aruba 2920 switches, enabling high-speed 10 Gigabit Ethernet connectivity over standard copper cabling. This is ideal for short-distance server, storage, or aggregation uplinks in wiring closets where Cat6a or better cabling is already deployed, reducing the need for fiber runs and SFP+ optics while still meeting demanding bandwidth requirements.

Optimized for Aruba 2920 Architecture

Purpose-built for the Aruba 2920 platform, the J9732A takes advantage of the switches ProVision ASIC to deliver low-latency, wire-speed forwarding. Tight integration with the system backplane ensures consistent throughput even under mixed traffic loads, while unified management keeps configuration, firmware updates, and monitoring in a single interface for simplified lifecycle operations.

Energy-Efficient 27W Design

With a maximum power consumption of only 27W, the J9732A delivers 10G performance without imposing significant load on the switch power budget. This efficient design is well suited for dense access or aggregation environments where many modules and PoE loads coexist, helping operators meet energy-efficiency targets and reduce long-term operational costs.

Compact Form Factor for Flexible Deployment

Measuring just 5 x 3 x 5 inches, the module fits neatly into Aruba 2920 expansion slots while preserving airflow and serviceability. The compact design allows integrators and operators to upgrade uplink capacity in space-constrained racks or cabinets without reworking physical layouts, supporting gradual, non-disruptive network scaling.

Seamless Integration with Gigabit Edge

The J9732A interfaces the 10GBASE-T uplinks with the Gigabit Ethernet data plane of Aruba 2920 switches, enabling smooth aggregation of multiple 1G access ports into higher-bandwidth uplinks. This supports traffic bursts from IP phones, access points, and desktops while maintaining stable performance and avoiding oversubscription at the distribution or core layers.

Robust Environmental Operating Range

Designed for typical enterprise environments, the module operates from 0°C to 55°C and in 15% to 95% non-condensing humidity. This covers a wide range of indoor scenarios, from modern data rooms to less-controlled wiring closets in offices, education, and retail sites, ensuring stable performance without the need for special environmental conditioning.

Standards-Based 10 Gigabit Ethernet

Supporting 10 Gigabit Ethernet over copper with a 10 GBase-T interface, the J9732A is interoperable with standards-compliant switches, servers, and NICs. This protects investment by allowing customers to mix Aruba 2920 switches with third-party devices in aggregation, data center edge, or server access roles, while maintaining predictable performance and compatibility.

Reliable Expansion with Lifetime Warranty

As an expansion module for HP 2920 switch systems, the J9732A benefits from Arubas limited lifetime warranty. This long-term coverage underpins deployment in critical enterprise networks, helping distributors, integrators, and end users reduce risk and simplify spares planning for edge and branch infrastructures.

Technical Specifications

Product Specifications

Feature	Value
Product Model	J9732A
Brand	Aruba
Hardware Interface	Ethernet
Ethernet LAN (RJ-45) ports	2
Compatible Devices	Desktop
Data Link Protocol	Gigabit Ethernet
Interface type	10 GBase-T
Ethernet interface type	10 Gigabit



Feature	Value
Compatibility	HP 2920 switch
Power Consumption	27W
Dimensions(DxWxH)	5 x 3 x 5 inches
Product type	Expansion module
Operating Temperature	0°C to 55°C
Operating Humidity	15% to 95% (non-condensing)
Warranty	Limited lifetime warranty

Product Comparison

Feature	J9732A	C1000-48FP-4G-L	C9500-48Y4C
Product Type	2-port 10GBASE-T expansion module	Layer 2/3 fixed switch	High-performance core/aggregation switch
Fixed Ports	2 × 10GBASE-T (module ports)	48 × 10/100/1000 PoE+ + 4 × 1G SFP	48 × 25G SFP28 + 4 × 40/100G QSFP28
PoE Capability	Not supported	PoE+ up to full 48 ports	Not applicable on data-only ports
Switching Role	Uplink expansion for Aruba 2920	Access switch for SMB and branch	Core/aggregation for large campus and data center
Stacking / Modular	Adds 10G uplinks to modular 2920	Supports basic stacking (model dependent)	Advanced stacking/virtualization (model dependent)
Target Deployment	Aruba 2920 access or aggregation uplink upgrade	SMB/branch edge with IP phones and APs	High-density 25G/100G enterprise backbone
Power Consumption	27W (module only)	Higher, depends on PoE load	Higher, optimized for high-speed fabric
Cabling Type	10GBASE-T over copper	Copper access + fiber uplinks	Predominantly fiber (SFP28/QSFP28)

Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none"> - Installation Guide - Module faceplate (pre-installed) - Warranty and Safety Information



Category	Accessories
Optional Accessories	<ul style="list-style-type: none">- Aruba 2920 Switch Chassis- Category 6a or better copper cabling- Cable management accessories



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References

[1] Hewlett Packard Enterprise. (2014). J9732A Specifications. Retrieved from <https://www.hpe.com/psnow/doc/c04111401>