Hewlett Packard Enterprise

Aruba 2530 8G Switch (J9777A)

Switches

What's new

- Cost-effective, reliable and secure Aruba Layer 2 switch series for a better mobile-first experience.
- ACLs, EEE, traffic prioritization.
- 8-, 24-, and 48-port Gigabit or Fast Ethernet models.
- PoE+ models for voice, video and wireless.
- Supports Aruba ClearPass Policy Manager, AirWave and Central.
- Simple deployment with zero touch provisioning (ZTP).

Overview

The Aruba 2530 Switch Series provides security, reliability, and ease of use for enterprise edge, branch office, and SMB deployments. Fully managed switches deliver Layer 2 capabilities with optional PoE+, enhanced access security, traffic prioritization, sFlow, IPv6 host support, and power savings with Energy Efficient Ethernet. The Aruba 2530 Switch Series is easy to use and deploy, and delivers consistent wired/wireless user experience with unified security and management tools such as Aruba ClearPass Policy Manager, Aruba AirWave and cloud-based Aruba Central.

Features

Cost-Effective, Reliable and Secure Access Layer Switches

The Aruba 2530 Switch Series provides security, reliability, and ease of use for enterprise edge, branch office, and SMB deployments.

Fully managed switches deliver full Layer 2 capabilities with optional PoE+, enhanced access security, traffic prioritization, sFlow, and IPv6 host support.

Right size deployment with choice of 8-, 24-, and 48-port models available with Gigabit or Fast Ethernet ports, and optional PoE+.

Power savings with fanless models, Energy Efficient Ethernet (IEEE 802.3az), and ability to disable LEDs and enable port low power mode.

Delivers consistent wired/wireless user experience with unified security and management tools such as ClearPass Policy Manager, AirWave and cloud-based Central. Provides optimal configuration automatically when connected to Aruba APs for PoE priority, VLAN configuration, and rogue AP containment.

Security and Quality of Service (QoS)

The Aruba 2530 Switch Series supports flexible authentication methods including Local MAC, 802.1X, and MAC and Web for greater policy-driven application security.

Advanced denial of service (DOS) protection, such as DHCP Protection, Dynamic ARP protection, and Dynamic IP lockdown, enhance security. Flexible traffic controls include ACLs and QoS.

Traffic prioritization with IEEE 802.1p allows real-time traffic classification with support for eight priority levels mapped to either two or four queues using weighted deficit round robin (WDRR) or strict priority (SP).

Defend your IPv6 network with DHCPv6 Protection.

Simple Deployment and Management

The Aruba 2530 Switch Series supports a choice of management interfaces with Web GUI, command-line interface (CLI), and SNMP with either console or micro USB ports.

Quiet operation with fanless and variable speed fan models.

Flexible deployment with wall, table, and rack mounting options.

Zero touch provisioning (ZTP) provides quick and painless deployment at locations with few or no technical resources.

Single View of the Network

The Aruba 2530 Switch Series supports Aruba ClearPass Policy Manager for unified and consistent policy between wired and wireless users and simplifies implementation and management of guest login, user onboarding, network access, security, QoS, and other network policies.

Supports Aruba AirWave network management software to provide common platform for zero touch provisioning management, and monitoring for wired and wireless network devices.

RMON and sFlow provide advanced monitoring and reporting capabilities for statistics, history, alarms, and events.

Aruba Central cloud-based management platform offers simple, secure, and cost effective way to manage switches.

Supports both cloud-based Central and on-premise AirWave with the same hardware ensuring change of management platform without ripping and

replacing switching infrastructure.

Technical specifications

Aruba 2530 8G Switch

Product Number (SKU)	J9777A
Differentiator	Compact 10-port fully managed Gigabit Layer 2 switch. This model has 8x 10/100/1000 ports and 2x combo dual personality ports operating either as 10/100/1000 or as Gigabit SFP ports.
Ports	(8) RJ-45 autosensing 10/100/1000 ports (2) dual-personality ports - each port can be used as either an RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T IEEE 802.3u Type 100Base-Tx IEEE 802.3ab 1000Base-T Gigabit Ethernet) or as a SFP slot (for use with SFP transceivers) ports
Memory and processor	ARM9E @ 800 MHz 128 MB flash Packet buffer size: 1.5 MB dynamically allocated 256 MB DDR3 DIMM
Latency	100 Mb Latency: < 7.4 s 1000 Mb Latency: < 2.6 s
Throughput	up to 14.8 Mpps
Switching capacity	20 Gbps
Stacking capabilities	Virtual 16 switches
Management features	Aruba Central and Aruba AirWave Network Management IMC—Intelligent Management Center command-line interface Web browser configuration menu out-of-band management (serial RS-232C or Micro USB) IEEE 802.3 Ethernet MIB Repeater MIB Ethernet Interface MIB AirWave Network Management
Input voltage	100 - 127 / 200 - 240 VAC, rated
Operating humidity range	15 to 95% @ 104°F (40°C) (noncondensing)
Power Consumption	18.6 W (maximum)
Heat dissipation	63 BTU/hr (66.46 kJ/hr)
Minimum dimensions (H x W x D)	25.4 x 15.95 x 4.45 cm
Weight	0.91 kg

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- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

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Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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