Aruba JL726A

Datasheet

Product Overview

- The Aruba CX 6200 Series is a next-generation stackable access switch line, built to deliver reliable enterprise-class wired connectivity at the network edge.

- Designed for branch offices, campus access layers, and SMB networks, it supports dense user access, IoT onboarding, and high-speed uplinks in a compact form factor.

- Powered by a modern Gen7 ASIC, it offers non-blocking performance, advanced buffering, and low latency to handle growing traffic, cloud applications, and future Wi-Fi 7 upgrades.

- With a programmable ArubaOS-CX and built-in Network Analytics Engine, it brings real-time visibility, automation, and fast troubleshooting down to the access layer.

- Virtual Stacking Framework (VSF) supports up to 8-member stacks, simplifying scaling, configuration, and day-to-day management for IT teams and service providers.

- High uplink bandwidth and PoE options up to 1440W enable secure, always-on connectivity for wireless APs, security cameras, and other IoT devices across diverse enterprise sites.

Product Highlights

- **Enterprise-grade L2/L3 access:** Supports ACLs, robust QoS, and common routing protocols such as static routing and OSPF for secure, predictable traffic handling at the access layer.

- **Scalable VSF stacking:** Up to 384 access ports with 8-member VSF stacking across 24 and 48-port models, managed as a single logical switch via the CX installer app.

- **Resilient hardware design:** Modular models support hot-swappable, redundant power supplies and fans, improving uptime and simplifying maintenance in critical deployments.

- **Analytics and automation-ready:** Built-in Network Analytics Engine and Aruba Switch MultiEdit Software enable automated config, verification, and rapid troubleshooting at scale.

Detailed Features

JL726A

Component	Specification
Downlink Ports	48 x 10/100/1000BASE-T
Uplink Ports	4 x 1/10G SFP
Management & Console	1 x USB-C console, 1 x USB Type-A host, 1 x OOBM
Wireless/App Integration	1 x Bluetooth adapter for Aruba CX Mobile app
Switching Capacity	176 Gbps; VSF stacking up to 8 members

AI-ready edge performance

The HPE Aruba Networking CX 6200 Switch Series delivers high-performance Layer 2/3 access switching for latency-sensitive and AI-assisted applications at the enterprise edge, SMB, and branch sites. Its Gen7 ASIC architecture ensures wire-speed switching and routing, deep packet buffering, and very low latency, so bandwidth-intensive workloads and modern collaboration tools run smoothly even during traffic peaks.

Efficient Gen7 ASIC architecture

A fully distributed architecture with Gen7 ASICs optimizes forwarding in hardware, reducing bottlenecks and CPU load. This design improves power efficiency while maintaining high throughput, allowing the switch to support dense gigabit access and high-speed uplinks without compromising performance, ideal for multi-tenant offices, classrooms, and high-density Wi-Fi environments.

Flexible high-performance stacking

HPE Aruba Networking Virtual Switching Framework (VSF) enables front-plane stacking of up to 8 CX 6200 switches, using the built-in SFP+ ports for data and control. Administrators can build resilient stacks that span wiring closets or longer distances with long-range transceivers, simplify management to a single IP, and scale port counts as user and device populations grow.

PoE-ready deployment options

Within the CX 6200 family, PoE models support up to 1440W IEEE 802.3at Class 6 PoE, delivering up to 60W per port for Wi-Fi 6/6E APs, security cameras, IP phones, and other IoT devices. Combined with field-replaceable, redundant power supplies and fans on modular models, the platform supports always-on edge deployments where power resilience and device uptime are critical.

Embedded analytics and telemetry

The built-in HPE Aruba Networking Network Analytics Engine (NAE) continuously monitors network, system, application, and security metrics. It uses advanced telemetry, Python agents, and REST APIs to detect anomalies, automate responses, and surface actionable insights, so IT teams can identify and resolve issues faster without relying solely on external tools.

Automation-first operations

Aruba Switch Multi-Edit Software introduces network-wide configuration and policy automation. It supports multi-device search, bulk edit, validation with conformance checking, deployment, and auditing, reducing manual tasks and the risk of configuration drift. Time series data stored in the TSDB allows quick rollback analysis and speeds up root-cause investigations after changes.

Unified, programmable management

The CX 6200 Series can be managed through Aruba Central, Aruba Switch Multi-Edit, an intuitive Web GUI, or standard CLI. REST APIs provide fine-grained programmability for SDN workflows and integration into existing IT systems, while colorless ports with local user roles and MAC authentication help standardize edge policies and reduce per-port configuration overhead.

Intelligent secure segmentation

Dynamic segmentation extends consistent user, device, and application-aware policies across wired and wireless domains. Automated device profiling, role-based access control, Layer 7 firewall functions, and VXLAN-based switch-to-switch tunnels support low-latency, high-performance use cases while limiting lateral movement. This reduces manual VLAN operations and simplifies moves, adds, and changes across distributed networks.

Technical Specifications

Product Specifications

Feature	Value
Differentiator	Non-PoE
Power consumption	68W at 230 VAC
Input voltage	100V–120V/200V–240V
Ports	48 x 10/100/1000BASE-T ports 4 x 1/10G SFP ports 1 x USB-C console port 1 x USB Type-A host port 1 x OOBM 1 x Bluetooth adapter to be used with CX Mobile app
Latency (1 Gbps)	1 Gbps: 2.28 µSec
Latency (10 Gbps)	10 Gbps: 1.46 µSec

Feature	Value
Switching capacity	176 Gbps
Stacking capabilities	8-members
Throughput	Up to 130.9 Mpps
CPU Model	CPU: Quad-core Arm® Cortex-A72
CPU Frequency	CPU: Quad-core Arm® Cortex-A72 at 1.8 GHz
System Memory	Memory: 8 GB DDR4
Flash Storage	Flash: 16 GB eMMC
Power supply	Fixed power supply (200W)
PoE capability	Non-PoE model
Management features	Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software
Operating temperature (range)	32°F to 113°F (0°C to 45°C) up to 5000 ft derate 1°C for every 1000 ft from 5000 ft to 10,000 ft.
Weight	4.45 kg
Product dimensions (H × W × D)	4.39 x 44.2 cm x 32.7 cm

Product Comparison

Feature	JL726A	JL625A	JL479A
Product Type	Gigabit stackable access switch, non-PoE	Gigabit stackable access switch, PoE	Gigabit stackable access switch, PoE
Downlink Ports	48 x 10/100/1000BASE-T	Similar 48 x 10/100/1000BASE-T	48 x 10/100/1000 (PoE)
Uplink Ports	4 x 1/10G SFP	4 x 1/10G SFP	4 x 10G SFP+
PoE Capability	Non-PoE model	High PoE power budget for APs and cameras	Full PoE+ on all access ports
Switching Capacity	176 Gbps	Comparable mid-range capacity	Higher or comparable enterprise-class capacity
Stacking	VSF, up to 8-members	VSF, multi-member stacking	VSF or similar stacking, multi-member
Management	Aruba Central, Web GUI, CLI, Multi-Edit, REST APIs	Aruba Central, on-box GUI/CLI, automation tools	Enterprise CLI, GUI, and advanced monitoring
Ideal Scenario	Cost-effective edge access without PoE needs	Access with dense AP/IoT power requirements	High-performance campus or branch with heavy PoE

Accessories

Category	Accessories
Included Accessories	- Fixed AC power supply (pre-installed) - Rack-mount kit and screws - Quick Installation Guide
Optional Accessories	- 1G/10G SFP/SFP+ transceivers - Stack-compatible fiber or DAC cables - External console cable and USB storage

Support & Warranty

24/7 Online Service	3-Year Premium Warranty	Professional Technical Support	100% Low Price Guarantee	100% Quality Assurance	100% Money Back Guarantee

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References

[1] Hewlett Packard Enterprise. (2023). HPE Aruba Networking CX 6200 Switch Series Datasheet (JL726A). Retrieved from https://www.hpe.com/psnow/doc/PSN1012748950USEN.pdf