

Aruba JL725A

Datasheet



Product Overview

- The HPE Aruba Networking CX 6200 Series is a next-generation family of stackable access switches designed for modern enterprise networks.
- Ideal for enterprise branches, campus access, and SMB environments, it delivers reliable wired connectivity for users, IoT, and Wi-Fi.
- Powered by a Gen7 ASIC, it provides non-blocking performance, high-speed uplinks, and ample PoE capacity to meet growing bandwidth demands.
- A cloud-centric OS combines with the built-in CX Network Analytics Engine to deliver continuous visibility, monitoring, and fast fault isolation.
- Virtual Stacking Framework (VSF) supports up to eight-member stacks, simplifying expansion, resilience, and centralized management at the access layer.
- With fixed and modular models plus advanced analytics and automation, the CX 6200 prepares networks for AI, Wi-Fi 7, and future edge services.

Product Highlights

- **Enterprise-Grade L2/L3 Features:** Supports ACLs, strong QoS, and common routing protocols including static and OSPF for secure and predictable access-layer traffic.
- **Scalable VSF Stacking:** Up to 8-member VSF stacking across 24 and 48-port models via the CX installer app, providing scale-out port density and unified management.
- **Resilient Hardware Design:** Modular models support hot-swappable, redundant power supplies and fans to increase availability and reduce unplanned downtime.
- **Built-in Analytics and Automation:** CX Network Analytics Engine and Switch MultiEdit Software offer telemetry, automation, and policy verification for safer, faster operations.

Detailed Features



JL725A

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Component	Specification
Access Ports	24 x 10/100/1000BASE-T Class 4 PoE
Uplink Ports	4 x 1/10G SFP
PoE Standards	IEEE 802.3af, IEEE 802.3at
Management Interfaces	USB-C console, USB-A host, OOBM
Other Interfaces	Bluetooth adapter (CX Mobile app), 128 Gbps switching capacity



AI-Optimized Edge Performance

The HPE Aruba Networking CX 6200 Series delivers Layer 2/3 access switching optimized for latency-sensitive and AI-assisted applications. Powered by Gen7 ASICs, the platform provides very low latency, deeper packet buffering, and efficient power usage. Wire-speed switching and routing ensure that bandwidth-intensive workloads and dense multi-Gigabit deployments are handled smoothly at the enterprise edge, in SMB networks, and branch offices.

High PoE Power for IoT and Wireless

CX 6200 models support up to 1440W IEEE 802.3at Class 6 PoE power, delivering up to 60W per port to APs, cameras, and other IoT endpoints. This high PoE budget allows consolidation of power and data over a single cable, simplifying cabling in ceilings, security zones, and remote areas. It enables large-scale deployments of Wi-Fi 6/7 APs, advanced PTZ cameras, and sensors without additional midspan injectors or local power.

Flexible Fixed and Modular Architecture

The series combines fixed CX 6200F and modular CX 6200M models, allowing consistent features across varied hardware footprints. Modular options support hot-swappable, redundant power supplies and field-replaceable fans, improving serviceability and uptime. This flexible design lets operators standardize on one OS and feature set while matching different port densities, power profiles, and resiliency needs across sites and wiring closets.

High-Performance VSF Stacking

HPE Aruba Networking Virtual Switching Framework (VSF) enables front-plane stacking of up to eight CX 6200 switches using built-in SFP+ ports. This architecture creates a single logical device with centralized management, link aggregation across members, and rapid failover. Long-range optical transceivers extend stacks across closets or small buildings, supporting scalable campus access while keeping configuration and operations streamlined.

Embedded Analytics and Telemetry

The integrated CX Network Analytics Engine (NAE) continuously monitors network, system, and security events in real time. Using Python agents and REST APIs, it can detect anomalies, record operational state in a time series database, and trigger automated actions. This reduces mean time to resolution by giving engineers granular visibility into traffic flows, configuration changes, and performance trends directly from the switch.

Automation-Driven Operations

HPE Aruba Networking Switch Multi-Edit Software brings template-based configuration, bulk editing, and conformance validation to CX 6200 environments. It supports search, edit, validation, deployment, and audit features across many switches at once. Combined with REST APIs and scriptable workflows, this automation layer accelerates rollouts, standardizes policies, and minimizes human error during network-wide updates and ongoing maintenance.

Unified and Simplified Management

The CX 6200 Series can be managed through Aruba Central cloud, Switch Multi-Edit, a user-friendly Web GUI, or full-featured CLI. Unified management across wired, wireless, and WAN in Aruba Central allows consistent policy and easier troubleshooting. Colorless ports with local user roles and local MAC authentication reduce manual provisioning tasks, enabling plug-and-play onboarding for endpoints and lowering operational overhead.

Advanced Segmentation and Security

Dynamic segmentation allows CX 6200 switches to automatically apply user, device, and application-aware policies across wired and wireless domains. Integrated device profiling, role-based access control, and Layer 7 firewall capabilities enhance visibility and enforce least-privilege access. VXLAN-based switch-to-switch tunnels support low-latency, high-performance use cases while reducing the complexity and risk of manual VLAN provisioning for frequent adds, moves, and changes.

Technical Specifications

Product Specifications

Feature	Value
Differentiator	Class 4 PoE/PoE+
Power consumption	65W at 230 VAC
Input voltage	100V–120V/200V–240V
Ports	24 x 10/100/1000BASE-T Class 4 PoE ports 4 x 1/10G SFP ports Supports PoE standards IEEE 802.3af, 802.3at 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



Feature	Value
Latency (1 Gbps)	1 Gbps: 2.28 µSec
Latency (10 Gbps)	10 Gbps: 1.46 µSec
Switching capacity	128 Gbps
Stacking capabilities	8-members
Throughput	Up to 95.2 Mpps
CPU	CPU: Quad-core Arm® Cortex-A72 at 1.8 GHz
System memory	Memory: 8 GB DDR4
Flash memory	Flash: 16 GB eMMC
Power supply type	Power supply Fixed power supply (500W)
PoE capability	Up to 370W of Class 4 PoE Power PoE capability 370W
Management features	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	Operating temperature 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	Weight 4.90 kg
Product dimensions	Product dimensions 4.39 x 44.2 cm x 32.7 cm
Warranty	Warranty Limited lifetime warranty. See warranty details.

Product Comparison

Feature	JL725A	C9200L-24P-4X-E	C9200L-24P-4X-A
Fixed Ports	24 x 10/100/1000BASE-T PoE + 4 x 1/10G SFP	24 x 10/100/1000 PoE+ + 4 x 10G SFP+	24 x 10/100/1000 PoE+ + 4 x 10G SFP+
Switching Capacity	128 Gbps	Up to 128 Gbps (model dependent)	Up to 128 Gbps (model dependent)
PoE Budget	Up to 370W Class 4 PoE	PoE+ with typical 370W budget	PoE+ with typical 370W budget
Stacking	Up to 8-member VSF front-plane stacking	StackWise-160/ StackWise-80 (model dependent)	StackWise-160/ StackWise-80 (model dependent)
Layer 3 Features	Static routing, OSPF access, ACLs, QoS	Static routing, OSPF, optional advanced routing licenses	Static routing, OSPF, optional advanced routing licenses



Feature	JL725A	C9200L-24P-4X-E	C9200L-24P-4X-A
Management	Aruba Central, Web GUI, CLI, Multi-Edit, CX Mobile app	DNA Center, Web UI, CLI, SNMP	DNA Center, Web UI, CLI, SNMP
Analytics & Telemetry	Built-in Network Analytics Engine (NAE), TSDB, REST APIs	sFlow, NetFlow-lite, model-based telemetry (platform dependent)	sFlow, NetFlow-lite, model-based telemetry (platform dependent)
Target Deployment	Enterprise branch, SMB access, campus edge with AI-ready design	Enterprise access and distribution with Cisco ecosystem integration	Enterprise access and branch networks with Cisco ecosystem integration

Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none"> - AC Power Cord - Rack Mount Kit - Console Cable (USB-C or RJ-45, model dependent)
Optional Accessories	<ul style="list-style-type: none"> - SFP/SFP+ Transceivers - Additional Power Cords and Region-Specific Plugs - Cable Management Brackets



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References

[1] Hewlett Packard Enterprise. (2023). HPE Aruba Networking CX 6200 Switch Series Datasheet. Retrieved from <https://www.hpe.com/psnow/doc/PSN1012749064MAEN>