

Aruba JL728A

Datasheet



Product Overview

- Aruba CX 6200 Series is a next-generation stackable access switch family, delivering cloud-centric, enterprise-grade wired connectivity.
- Designed for enterprise branch offices, campus networks, and SMB environments that need reliable, always-on access for users and devices.
- Powered by a Gen7 ASIC, it provides non-blocking performance with low latency and deep packet buffering, ready for AI and Wi-Fi 7 traffic.
- The series combines a fully programmable OS with Aruba Network Analytics Engine for advanced visibility, monitoring, and rapid troubleshooting.
- Aruba Virtual Stacking Framework (VSF) supports up to eight switches in a single stack, simplifying scaling and centralized operations.
- With high-speed uplinks and up to 1440W PoE, it powers IoT, security cameras, and wireless APs, preparing networks for modern digital workloads.

Product Highlights

- **Enterprise-class L2/L3 services:** Supports ACLs, robust QoS, and common routing protocols such as static routing and OSPF for secure, predictable access.
- **Scalable VSF stacking:** Build stacks of up to 8 CX 6200 switches, reaching up to 384 ports while maintaining simplified, app-assisted management.
- **Resilient modular design:** Hot-swappable, redundant power supplies and fans increase availability and make maintenance safer and more flexible.
- **Analytics and automation ready:** Built-in network analytics, dynamic segmentation, and Aruba Switch MultiEdit Software streamline policy, automation, and verification.

Detailed Features



JL728A

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Component	Specification
Model	JL728A
Ports	24 x 10/100/1000 RJ-45 auto-sensing
Uplink Ports	4 x 1G/10G SFP+ slots
Switching Capacity	128 Gbps
PoE Budget	370W PoE power budget



AI-ready Edge Performance

The Aruba CX 6200 delivers high-performance Layer 2/3 access switching for latency-sensitive applications and AI workloads at the enterprise edge, in SMBs, and branch offices. Its distributed architecture ensures wire-speed switching and routing, providing consistent throughput even under heavy, mixed traffic conditions and serving as a robust foundation for next-generation services.

Gen7 ASIC Architecture

Built on a powerful Gen7 ASIC, the CX 6200 offers very low latency, deeper packet buffering, and improved power efficiency. This hardware platform is designed to keep up with bandwidth-intensive services, real-time collaboration, and high-density client access, while helping reduce overall power consumption in modern, energy-aware networks.

Flexible VSF Stacking

Aruba Virtual Switching Framework (VSF) enables high-performance front-plane stacking, allowing up to eight CX 6200 switches to operate as a single logical device. Stacks can be built using integrated SFP+ uplinks, and long-range transceivers support extended-distance stacking, simplifying growth and centralizing control in distributed environments.

High-Power PoE for Edge Devices

Selected CX 6200 models support up to 1440W IEEE 802.3at Class 6 PoE, with up to 60W per port. This capacity allows direct powering of Wi-Fi access points, security cameras, collaboration endpoints, and diverse IoT devices, reducing cabling complexity, eliminating separate power runs, and enabling more flexible device placement.

Built-in Analytics and Telemetry

The integrated Aruba Network Analytics Engine (NAE) continuously monitors network health, automatically interrogating events that could impact performance or security. With advanced telemetry, Python agents, and REST APIs, IT teams can quickly identify root causes across network, system, and application layers, reducing troubleshooting time and improving service quality.

Automation with Multi-Edit and TSDB

A built-in time series database (TSDB) records configuration and operational state, enabling fast rollback, change validation, and historical analysis. Aruba Switch Multi-Edit Software supports large-scale, template-based configuration changes with search, edit, validation, deployment, and audit capabilities to keep network-wide policies consistent after upgrades or expansions.

Simplified Unified Management

CX 6200 switches can be managed via Aruba Central, Aruba Switch Multi-Edit, a web-based GUI, or industry-standard CLI. Unified wired, wireless, and WAN management in Aruba Central reduces operational overhead, while features such as colorless ports, local user roles, and local MAC authentication simplify moves, adds, and changes without repeated manual reconfiguration.

Secure Dynamic Segmentation

The series supports dynamic segmentation that automatically enforces user, device, and application-aware policies across Aruba wired and wireless. With automated device profiling, role-based access control, Layer 7 firewall functions, and VXLAN-based switch-to-switch tunnels, it enhances visibility and security while supporting low-latency, high-performance scenarios and minimizing configuration errors.

Technical Specifications

Product Specifications

Feature	Value
Model	JL728A
Brand	Aruba
Product Type	Switch
Ports	24 x 10/100/1000 RJ-45 auto-sensing Ethernet ports
Uplink Ports	4 x 1G/10G SFP+ slots
Switching Capacity	128 Gbps
Forwarding Rate	95.2 Mpps
Power Supply	Dual, hot-swappable included



Feature	Value
Layer	Layer 2 and Layer 3
Management	Aruba Central, Web GUI, CLI, SNMP
Stackable	Yes, up to 8 units
PoE	Yes, 370W PoE power budget
Dimensions	4.38 x 17.42 x 16.2 in
MTBF	Minimum 900,000 hours
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Product Comparison

Feature	JL728A	JL708A	JL625A
Port Count	24 x 10/100/1000 RJ-45	48 x access ports (model dependent)	48 x access ports (model dependent)
Uplink Ports	4 x 1G/10G SFP+	4 x 10G SFP+	4 x 10G SFP+
PoE Capability	370W PoE budget	Higher PoE budget for dense APs	PoE/PoE+ options by model
Stacking	Up to 8 units via VSF	VSF stacking supported	VSF stacking supported
Switching Capacity	128 Gbps	Higher capacity for larger access	Higher capacity for aggregation
Layer Support	Layer 2 and Layer 3	Enhanced L3 features on selected SKUs	Advanced L3 with dynamic routing
Management	Aruba Central, Web GUI, CLI, SNMP	Aruba Central, AirWave, CLI, SNMP	Aruba Central, AirWave, CLI, SNMP
Ideal Scenario	Branch and SMB edge with 24-port PoE	Larger campus access with 48 ports	Higher-density campus or aggregation



Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none">- Rack-mount kit- Pre-installed dual hot-swappable power supplies- Console cable and basic documentation
Optional Accessories	<ul style="list-style-type: none">- SFP/SFP+ fiber transceivers- Additional PoE power supplies where applicable- Aruba Central subscription licenses



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References

[1] Hewlett Packard Enterprise. (2023). HPE Aruba Networking CX 6200 Switch Series Datasheet (JL728A). Retrieved from <https://www.hpe.com/psnow/doc/PSN1012748950USEN.pdf>