

Aruba JL727B

Datasheet

Product Overview

- The Aruba CX 6200 Series defines next-generation stackable enterprise switches for secure, high-performance access networks.
- Ideal for enterprise branch offices, education campuses, government, and medium-sized business networks, this series scales to diverse needs.
- Offering up to 48 Gigabit PoE ports, Gen7 ASIC-based architecture, and 4x 10G SFP+ uplinks, it delivers fast and future-proof connectivity.
- With Virtual Stacking Framework (VSF), support for up to 8 units, modular uplinks, and up to 1440W PoE, it adapts to various deployment needs.
- The network-focused OS and analytics engine enable easy deployment, monitoring, and troubleshooting, simplifying large or distributed setups.
- Robust, flexible, and ready for tomorrow’s workloads, Aruba CX 6200 switches offer advanced control and visibility for growing digital spaces.

Product Highlights

- **Enterprise-Grade Connectivity:** Supports robust ACLs, QoS, static and OSPF routing for secure and efficient business communication.
- **Flexible Stackable Design:** Scale up to 384 ports by stacking up to 8 switches, managed easily through the CX Mobile app.
- **Versatile Uplink and PoE Options:** Features modular uplinks, MACSec 256 security, and flexible PoE from 30W to 60W per port.
- **Smart Analytics & Automation:** Integrated CX Network Analytics Engine and Multi-Edit Software enable monitoring, automation, and dynamic segmentation.

Detailed Features



JL727B

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Component	Specification
Fixed Ethernet Ports	48 × 10/100/1000BASE-T Class 4 PoE, up to 30W per port
SFP+ Uplink Ports	4 × 100M/1G/10G SFP+
Console Options	1 × USB-C, 1 × RJ-45
Out-of-Band Management	1 × OOBM port
USB Host	1 × USB Type-A



High-Performance Layer 3 Switching

Aruba CX 6200 delivers powerful Layer 3 access switching for enterprise edge, SMBs, and branches with low latency, increased packet buffering, and adaptive power consumption, ensuring high throughput to handle modern workloads and devices.

Powerful, Scalable Stacking

The integrated Virtual Switching Framework (VSF) enables high-performance front-plane stacking of up to 8 switches, using built-in SFP+ ports for both short and long-distance deployments, allowing seamless expansion as business needs grow.

Extensive PoE and Modular Design

With support for up to 1,440W IEEE 802.3at PoE, each port can provide up to 60W to connected devices. Modular switch models feature hot-swappable and redundant power supplies and fans, ensuring continuous operation and enhanced resilience.

Integrated Analytics and Automation

The built-in Network Analytics Engine (NAE) provides automatic event interrogation and analysis. Advanced telemetry, Python agents, and REST APIs help rapidly identify issues for faster troubleshooting and minimizes downtime across expansive networks.

Automated Configuration and Compliance

Aruba Switch Multi-Edit Software introduces intelligent automation for rapid, network-wide configuration changes, policy validation, and streamlined deployment, reducing manual errors and simplifying ongoing management.

Unified and Flexible Management

Manage the CX 6200 Series from the cloud via Aruba Central, or with an intuitive web GUI and CLI. Streamline adds, moves, and changes using colorless port configuration and local-MAC-authentication support.

Enhanced Network Segmentation

Dynamic Segmentation applies user, device, and application-level policies consistently across wired and wireless networks, supporting secure and efficient multi-user environments with minimal manual intervention.

Advanced Security and Visibility

Automated device profiling, role-based access controls, and Layer 7 firewalling enhance network visibility and security. VXLAN tunnels enable high-performance, low-latency connections for advanced use cases, reducing operational complexity.

Technical Specifications

Product Specifications

Feature	Value
Product Number	JL727B
Differentiator	48x ports 10/100/1000BASE-T Class 4 PoE Ports, supporting up to 30W per port; 4x 1/10G SFP ports; PHY-less; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USB-C Console Port; 1x OOBM; 1x USB Type-A Host port; 1x RJ-45 Console Port; Fixed power supply; Up to 370W of Class 4 PoE Power; Fixed fans
Ethernet Ports	48x ports 10/100/1000BASE-T Class 4 PoE Ports, up to 30W/port
SFP+ Uplink Ports	4x 100M/1/10G SFP+ ports
PoE Standards Supported	IEEE 802.3af, IEEE 802.3at
Console & Management	1x USB-C Console Port; 1x RJ-45 Console Port; 1x OOBM
USB Host	1x USB Type-A Host port
Power Supply	Fixed power supply; Up to 370W of Class 4 PoE Power



Feature	Value
Fans	Fixed fans
CPU Model	Quad Core ARM Cortex™ A72
CPU Frequency	1.8 GHz
Memory	8 GB DDR4
Flash	16 GB eMMC
Latency (1 Gbps)	2.28 µSec
Latency (10 Gbps)	1.46 µSec
Throughput	Up to 130.9 Mpps
Routing/Switching Capacity	176 Gbps
PoE Capability	370W
Stacking Capabilities	8 members
Input Voltage	100V-120V/200V-240V
Power Consumption	76W at 230 VAC
Dimensions	4.39 x 44.2 cm x 32.7 cm
Weight (max)	5.10 kg, depending on model

Product Comparison

Feature	JL727B	C9300L-48P-4X-A	C9300L-48UXG-4X-E
Ethernet Ports	48x 10/100/1000BASE-T PoE, up to 30W/port	48x 10/100/1000BASE-T PoE+	48x Multi-Gig (1G/2.5G/5G/10GBASE-T) PoE+
SFP+ Uplinks	4x 100M/1G/10G SFP+	4x 1G/10G SFP+	4x 1G/10G SFP+
PoE Power Budget	370W	740W	740W
Stacking Capability	Up to 8 units	Up to 8 units	Up to 8 units
Switching Capacity	176 Gbps	104 Gbps	240 Gbps
Management	Web UI, CLI, Aruba Central, Mobile App	Web UI, CLI, Cisco DNA Center	Web UI, CLI, Cisco DNA Center
Redundant Power	Not supported	Supported	Supported
Weight	5.10 kg	~6.8 kg	~6.8 kg



Accessories

Category	Accessories
Included Accessories	<ul style="list-style-type: none">- Power Adapter- Rack Mount Kit- Console Cable
Optional Accessories	<ul style="list-style-type: none">- SFP Transceiver Module- Redundant Power Supply- Extended Warranty



Support & Warranty



24/7 Online
Service



3-Year Premium
Warranty



Professional
Technical Support



100% Low Price
Guarantee



100% Quality
Assurance



100% Money
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200+

countries & regions

23

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500+

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50-98%

off global list prices

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References

[1] Hewlett Packard Enterprise. (2024). Aruba CX 6200 Series Switches Datasheet. Retrieved from https://www.hpe.com/psnow/doc/PSN1014739208WWEN.pdf?jumpid=in_pdp-psnow-dds