

ARUBA CX 4100I SWITCH SERIES

Modular Ethernet Switches



WHAT'S NEW

- Ruggedized Layer 2 switch series provides high performance, fully manageable, and reliable, Ethernet connectivity to IoT, access points, and user devices in harsh environments.
- Versatile form factors with fast 1/10GbE uplinks deliver both 30W and 60W PoE to improve IoT power.
- Layer 2 feature set with static routing and no switch software licensing required.
- Aruba Dynamic Segmentation [1] enables enhanced security and

OVERVIEW

The Aruba CX 4100i Switch Series is a modern family of ruggedized Ethernet switches ideal for connecting IoT, access points, and user devices in harsh environments. Created for high performance, reliable, and access with enhanced security, the Aruba CX 4100i switches provide versatile deployment options for enterprise networks extending beyond carpeted areas to challenging outdoor and industrial spaces.

Based on the programmable AOS-CX operating system used across the Aruba CX portfolio, this IP30

- simplified access for users and IoT.
- Management flexibility with support for Aruba Central, easy-to-use Web GUI, CLI, and Aruba NetEdit.

ruggedized series helps deliver a more consistent, more efficient operator experience. This Layer 2 series has convenient built-in high speed uplinks, supports both 30W and 60W PoE, and is ready for deployment with fan less 12 port DIN mount and 24 port 1U rack mount models. With robust QoS, support for static routing, and IPv6, the Aruba CX 4100i also simplifies ownership with no switch software licensing requirements.

FEATURES

Ruggedized Aruba CX Switches

The Aruba CX 4100i Switch Series provides IP30 Ethernet connectivity with high speed uplinks, 30W and 60W PoE, to securely extend the enterprise network and support IoT in harsh environments.

Using Aruba AOS-CX operating system across Aruba CX switching platforms and deployment domains provides a simpler, more consistent operator experience.

Achieve versatile deployment with fan less 12 port DIN rail mount and 24 port 1U rack mount models with built-in 1/10GbE uplinks and up to 360W Class 4 and Class 6 PoE.

Fully-managed enterprise class switches deliver Layer 2 capabilities with support for static routing, ACLs, robust QoS, traffic prioritization, and IPv6 support.

Simplifies ownership with no switch software licensing or subscriptions required.

Performance and Power

The Aruba CX 4100i Switch Series is designed with Aruba ASICs that deliver very low latency, increased packet buffering, and adaptive power consumption.

Deploy IoT devices and wireless access points in harsh environments with models that support up to 360W IEEE 802.3at Class 4 and IEEE 802.3bt Class 6 Power over Ethernet.

Built-in wire speed 1/10GbE uplinks remove bottlenecks at the access layer where devices connect.

Operational in extended temperatures from -40oC to 70oC using Aruba's industrial transceivers.

Simplified Configuration and Management

The Aruba CX 4100i Switch Series provides flexibility to manage and simplify configurations with Aruba NetEdit, easy to use built-in web GUI, or industry standard CLI.

Aruba NetEdit introduces automation that allows for rapid network-wide changes and verifies policy conformance post network updates.

Software-defined ready with REST APIs for fine-grained programmability

of network tasks.

Smarter Segmentation

The Aruba CX 4100i Switch Series supports Aruba Dynamic Segmentation that automatically applies and enforces user, device, and application-aware policies on Aruba wired and wireless infrastructures.

Automated device profiling, role-based access control, and Layer 7 firewall features deliver enhanced visibility and performance for a better overall experience for both IT and end-users alike.

Reduces time-consuming and error-prone task of adds, moves and changes.

Technical specifications

Aruba CX 4100i Switch Series

Management features

Management flexibility with support for Aruba Central, easy-to-use Web GUI, CLI, and Aruba NetEdit.

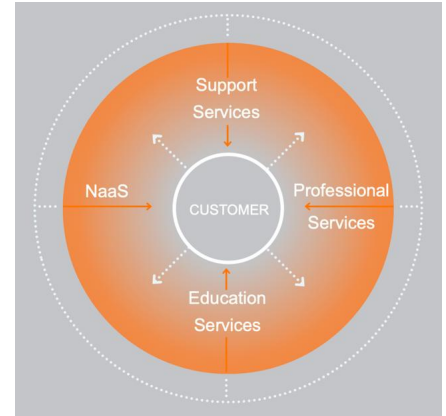
Note: Central support in a future-release of Aruba Central.

For additional technical information, available models and options, please reference the QuickSpecs

ARUBA GLOBAL SERVICES

Aruba Global Services simplifies and accelerates the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what Aruba Global Services has to offer at: arubanetworks.com/services/



Support Services from Aruba

Support services reduce complexity and increase your team's productivity, ensuring you keep pace with technology advances and software releases, and obtain break-fix support required to keep your network running. Access to premium services means you have the right help at the right time.

Professional Services from Aruba

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from Aruba technology.

QuickStart Services include:

- Planning, audit and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer

Proactive Engineering Services include:

- Intelligent Operations
- Customer Experience Management
- Network optimization

Our **Education Services** allow your team to come up to speed quickly.

Aruba Network as-a-Service (NaaS)

Our NaaS solution, Aruba Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your Aruba network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from Aruba [here](#).

[1] User Based Tunneling (UBT) and Local User Roles (LUR) supported.

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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
[PSN1013625614NLEN](#), April, 2022.