![HPE aruba networking logo]

HPE Aruba Networking CX 8360 v2 Switch Series

HPE Aruba Networking 8360-32Y4C v2 32p 25G SFP/+/28 4 Sec 4p 100G QSFP+/28 FB 3 Fans 2 AC Bdl (JL700C)

What's new

- 48-port 1/10/25G with 4 MACsec, 6-port of 40/100G with 2 MACsec.

- MACsec secured connectivity over untrusted domains.

- Intelligent monitoring and visibility with Aruba Network Analytics Engine.

- High availability with industry leading VSX redundancy.

Overview

The Aruba CX 8360 v2 Switch Series offers a flexible and innovative approach to addressing the application, security, and scalability demands of the mobile, cloud, and IoT era. These switches serve the needs of the next generation core and aggregation layer of campuses, as well as virtual and cloud data center environments. The first switch in this series is the Aruba CX 8360-48Y6C v2 switch.

Features

Modular Cloud-Native Architecture

The Aruba CX 8360 v2 Switch Series AOS-CX simplify the complexities of managing data center networks with automation options to match your IT organization's operating model.

Proactively detect issues and speed troubleshooting with actionable insights provided by an analytics engine embedded in every switch. Always-on infrastructure designed for resiliency and upgrades with zero downtime.

REST APIs and Python scripting provide fine-grained microservices architecture enabling full integration with other workflow systems and services.

![HPE GreenLake logo]

Continual state synchronization provides superior fault tolerance and high availability. Always-on infrastructure designed for resiliency and upgrades with zero downtime.

Aruba Network Analytics Engine

The Aruba Network Analytics Engine (NAE) for advanced telemetry and automation. NAE is an industry-first monitoring and troubleshooting system, providing greatly improved network operations. NAE uniquely provides the ability to monitor and easily troubleshoot network health and congestion issues.

Customers can use data from The Time Series Database (TSDB) to store configuration and operational state to write software modules to troubleshoot problems. This data may also be used to analyze trends, identify anomalies, and predict future capacity requirements.

High Availability and Resiliency

All software processes in the Aruba CX 8360 v2 Switch Series run as microservices that communicate via the state database of the switch; there is no direct communication between microservices. Should a software process crash, the impact of that failure will be limited.

The ability of ArubaOS-CX to maintain synchronous state across dual control planes allows a unique high availability solution called Aruba Virtual Switching Extension (VSX).

Aruba VSX provides a robust, yet simple solution for high availability with a unique design for control plane synchronization and an architecture that is redundant in both hardware and software by deploying two chassis with an inter-switch link, maintaining its independent control.

Software-Defined Automation

The Aruba CX 8360 v2 Switch Series is supported by Aruba Fabric Composer, a software-defined orchestration solution that simplifies and accelerates leaf-spine network provisioning and day-to-day operations across rack-scale compute and storage infrastructure.

Orchestrate a discrete set of switches as a single networking fabric to simplify operations and troubleshooting. This infrastructure and application-aware solution also automates various configuration and lifecycle events.

Technical specifications

HPE Aruba Networking 8360-32Y4C v2 32p 25G SFP/+/28 4 Sec 4p 100G QSFP+/28 FB 3 Fans 2 AC Bdl

Product Number	JL700C
Ports	28 ports of 1GbE/10GbE/25GbE (SFP/SFP+/SFP28) 4 ports of 10GbE/25GbE (SFP+/SFP28) with MACsec 4 ports of 40GbE/100GbE QSFP+/QSFP28) (optional 1GBASE-T SFP, 10GBASE-T SFP+ transceivers and 4x10G/25G breakout cables supported)
Memory and processor	CPU: 1.8 GHz 4-core 64-bit RAM: 16 GB Flash/Storage: 32 GB Packet Buffer: 32 MB
Throughput	2,678 Mpps
Routing/switching capacity	2.4 Tbps
Switch fabric speed	2.4 Tbps
Switching capacity	2.4 Tbps
Routing capabilities	Static (IPv4/IPv6): RIPv2 RIPng OSPF OSPFv3 BGP-4 MP-BGP with IPv6 PBR ECMP GRE, MPLS
Management features	RJ-45 serial and USB-C console RJ-45 Ethernet port USB-Type A
Power supply name	2 field-replaceable and hot-swappable power supplies depends on the model
Power consumption	425W (Max Power) 120W (Idle Power)
Heat dissipation	1,450 BTU/hr
Product dimensions	4.40 x 4.42 x 40.6 cm
Weight	8.19 kg

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate 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 HPE Services - Aruba Networking has to offer at: arubanetworks.com/services/

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

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 HPE Aruba Networking technology.

Project based services include:
- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer

Annual subscription services include:
- Network optimization
- Intelligent Operations
- Customer Experience Management

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

HPE GreenLake for Networking

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

Make the right purchase decision. Contact our presales specialists.

✉ Contact us

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