ARUBA CX 8400 SWITCH SERIES

Modular Ethernet Switches

WHAT'S NEW

- High-performance Aruba core and aggregation switch with 19.2 Tbps switching capacity and carrier-class high availability.
- ArubaOS-CX automates using built-in REST APIs and Python scripts.
- Monitor and troubleshoot with Aruba Network Analytics Engine.
- High availability, virtualization and simplicity with Aruba VSX.
- High density, line rate 10GbE/40GbE/100GbE connectivity.
- Advanced Layer 2/3 feature set

OVERVIEW

The past several decades in networking have been defined by static, closed networking solutions designed for the client-server era. The Aruba CX 8400 Switch Series, a campus core and aggregation switch, is a game-changing solution that offers an innovative approach to dealing with the demands of the mobile, cloud and IOT era. With a modern, fully programmable ArubaOS-CX running in a carrier-grade chassis, the 8400 extends intelligence in the Mobile First Architecture from the network edge to the core. ArubaOS-CX is a modern software system that automates and simplifies critical and complex network

includes BGP, OSPF, VRF and IPv6.

tasks, delivers enhanced fault tolerance and facilitates zero-service disruption during planned or unplanned control-plane events. The CX 8400 Switch Series provides line rate 10GbE, 25 GbE, 40GbE and 100GbE in a modular chassis and together with the compact 1U Aruba 8320 Switch Series, rounds out the Aruba Mobile First switching portfolio with an enterprise core and aggregation solution.

FEATURES

Game-Changing Business Agility

The Aruba 8400 Switch Series is a core and aggregation switch solution with an innovative and powerful approach to dealing with the new applications, security and scalability demands of the mobile, cloud and IoT era.

Fully programmable with ArubaOS-CX, it brings automation and visibility and helps troubleshoot via simple scripting.

Aruba Network Analytics Engine provides the ability to monitor and troubleshoot the network, system, application and security related issues easily, through simple python agents and REST APIs.

High-availability, high-speed architecture with 19.2 Tbps switching capacity for always on networking.

Robust security and QoS with advanced Layer 2 and Layer 3 features including support for BGP, OSPF, VRF and IPv6.

Modern Software System Simplifies and Automates

The Aruba 8400 Switch Series is based on the new ArubaOS-CX, a modern software system for the core that automates and simplifies many critical and complex network tasks.

The built-in time series database enables customers and developers to develop software modules for historical troubleshooting, as well as analysis of historical trends, to predict and avoid future problems due to scale, security and performance bottlenecks.

Includes stability, independent monitoring and restart of individual software modules, and enhanced software process serviceability functions. And it allows individual software modules to be upgraded for higher availability; and supports enhanced serviceability functions.

Delivers enhanced fault tolerance and facilitates nearly continuous operation and zero-service disruption during planned or unplanned control-plane events.

High Performance and Carrier-Class High Availability

The Aruba 8400 Switch includes a high-speed, fully distributed architecture and provides up to 19.2 Tbps switching capacity to meet the demands and bandwidth-intensive applications today and in the future.

Aruba's new high availability technology is Aruba VSX which has been

Kreski

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

aruba

designed from ground up to deliver the continuous availability, virtualization and simplicity requirements unique to the core of the network.

Resiliency and high availability with hot-swappable, redundant and load-sharing fabrics, management, fan assemblies and power supplies.

Scalable, compact 8U chassis delivers industry-leading line rate 10GbE/40GbE/100GbE port density, very low latency, and scalability ideal for the campus core.

Technical specifications   Aruba CX 8400 Switch Series

|	
Differentiator	Core and aggregation switch solution with an innovative and powerful approach to dealing with the new applications, security and scalability demands of the mobile, cloud and IoT era.
Ports	(8) I/O module slots Supports a maximum of 256 10GbE (SFP/SFP+) ports, or 64 40GbE (QSFP+) ports, or 48 ports 40/100GbE (QSFP28), or a combination
Throughput	8.6 Bpps Maximum, depending on model and configuration
Switching capacity	19.2 Tbps Maximum, depending on model and configuration
Management features	Out-of-band management (serial RS-232C), SNMP Manager, Telnet, terminal interface (serial RS-232C), modem interface, IEEE 802.3 Ethernet MIB, Ethernet Interface MIB
Input voltage	90 – 140 / 180 – 264 VAC
Power Consumption	2750 W

Kreski

Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

aruba

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/
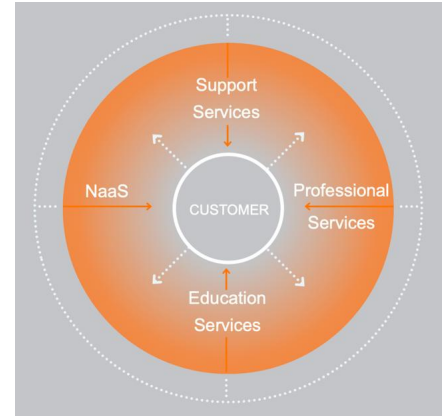
Support Services from Aruba

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.

Make the right purchase decision. Contact our presales specialists.

Find a partner

Chat now (sales)

Buy now

Share now

Get updates

Kreski

Zapraszamy do kontaktu! Więcej informacji: www.kreski.pl

aruba
a Hewlett Packard Enterprise company