

## AT A GLANCE

# WHY UPGRADE TO THE ARUBA CX 6400 SWITCH SERIES?

## PERFORMANCE, SCALE AND HIGH AVAILABILITY

Is your enterprise network ready to quickly and securely support new IoT devices, powerful enough to handle new traffic loads and smart enough to help IT more efficiently operate, manage and secure your data and users?

**Be prepared to deliver the digital experiences of the future with the Aruba CX 6400 Switch Series – a modern, flexible and intelligent family of high availability modular switches ideal for use from the edge access to the core and into the data center.**

A powerful distributed architecture supports scalable, non-blocking performance that future-proofs your network for tomorrow's unpredictable demands. Versatile 5 and 10 slot chassis' support speeds of up to 100GbE, high power 60W PoE, multi-gigabit Ethernet, and redundant management, power and fans for a highly available network that's always on.

The CX 6400 switches are built using a cloud-native design and a modern operating system built on a microservices architecture to automate and simplify IT operations. AOS-CX delivers network-wide analytics and full programmability to enable complete network assurance. Easy-to-use configuration tools enable error-free installs while monitoring and analytics capabilities across the network provide operators with immediate troubleshooting and insights for every CX switch.

## KEY BENEFITS

- **Future ready:** Seamlessly supports Wi-Fi 6 and IoT with Smart Rate multi-gigabit and 60W PoE ports.
- **Flexible:** Ready to be deployed from edge access to the core and data center.
- **Superior performance:** Non-blocking distributed architecture with no oversubscription.
- **Real-time insights:** Automated analytics for rapid troubleshooting and resolution.
- **Resiliency:** Built-in high availability with VSX technology and hardware redundancy.
- **Security:** Unified role-based policies that keep traffic segmented to ensure security.



Aruba CX 6400 Switch Series

ARUBA CX 6400 SWITCH SERIES				
Category	Feature	Existing Aruba 5400R	New Aruba CX 6400	Upgrade Benefit
Platform	Deployment Model	Access Aggregation	Access Aggregation Core Data Center	<b>Simplicity of a single operating system from edge access to data center</b>
	Operating System	AOS-Switch	Cloud-native AOS-CX	
	Microservices-based Architecture	No	Yes	
	ASIC	Aruba Gen6	Aruba Gen7 with Virtual Output Queuing (VOQ)	
	Network State & Time Series Database	No	Yes	
Scale, Performance, Flexibility	Switching Capacity	2 Tbps	28 Tbps	<b>Future-proof networking with on-demand growth</b>
	Smart Rate (1/2.5/5GbE)	Up to 96 ports	Up to 480 ports	
	10G	Up to 96 ports	Up to 480 ports	
	25G	-	Up to 480 ports	
	40G	Up to 24 ports	Up to 120 ports	
	50G	-	Up to 40 ports (combo modules)	
	100G	-	Up to 120 ports	
PoE Power	30W per port Up to 9250W	60W per port Up to 8.76KW		
High Availability	Hot-swappable redundant management and power supplies	Yes	Yes	<b>High availability from edge access to data center</b>
	MC-LAG	Yes	Yes	
	Virtualization	VSF	VSX	
	Live Upgrade	No	Yes	
	Always-on PoE	No	Yes	
Segmentation	Aruba Dynamic Segmentation	Yes	Yes	<b>Unified role-based security from edge access to data center</b>
	VXLAN (with MP-BGP EVPN)	No	Yes	
Analytics and Automation	Programmability	Limited	Complete REST APIs	<b>Enhanced visibility and simplified operations</b>
	Distributed analytics	No	Yes, NAE embedded analytics in each switch	
	Advanced configuration management	No	Yes	
Licensing and Warranty	Licensing and Subscription	No software feature licensing or subscription required		<b>TCO value with no hidden costs</b>
	Warranty	Limited Lifetime Warranty*		

\*Warranty details

### WHY CHOOSE ARUBA CX SWITCHES?

- **Cloud-native OS:** Modern, microservices architecture for full network programmability and workflow automation.
- **One operating model:** Flexibility to deploy the same hardware and software for a consistent operational experience, from edge access to data center.
- **Embedded analytics & intelligent automation:** Analytics in every node for network-wide, real-time insights to proactively detect, and resolve issues.

### CUSTOMER FIRST CUSTOMER LAST SUPPORT

When your network is important to your business, then your business needs the backing of **Aruba Support Services**. Partner with Aruba product experts to increase your team productivity, keep pace with technology advances and software releases and obtain break-fix support. Our Foundation Care for Aruba support services include priority access to Aruba Technical Assistance Center (TAC) engineers 24x7x365, flexible hardware and onsite support options and total coverage for Aruba products.

### NETWORK MIGRATION SERVICES

Aruba offers industry-leading global high touch **Professional Network Services** for network design, installation and enablement services. Work with our team of Aruba experts and partners that have in-depth technical know-how to accelerate and simplify your migration to AOS-CX.

### BECOME AN EXPERT ON CX

**Aruba Education Services** offers comprehensive training and certification programs from fundamental to advanced levels to give you the skills to fully utilize the power of AOS-CX.

### NETWORK-AS-A-SERVICE

When your network needs exceed your network team's ability to absorb more work, consider Network-as-a-Service (NaaS) options from Aruba. **HPE GreenLake for Aruba** offers a pay-as-you-go flexibility and assured service delivery to address critical problems for organizations that need state-of-the-art network capabilities.

**For more information on Aruba CX switches, please visit: <https://www.arubanetworks.com/cx>**