WHY UPGRADE TO THE ARUBA CX 6300 SWITCH SERIES?

PERFORMANCE, SCALE AND HIGH AVAILABILITY

Is your enterprise network ready to quickly and safely connect new IoT devices, powerful enough to handle new traffic loads and smart enough to help IT more efficiently operate, manage and secure the network?
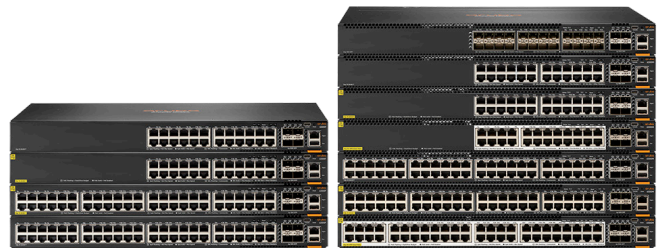
Be prepared to deliver the digital experiences of the future with the Aruba CX 6300 Switch Series – a modern, flexible and intelligent family of stackable switches ideal for enterprise edge access, aggregation and core deployments.

A powerful architecture supports scalable, non-blocking performance for future-proofing your network for tomorrow's unpredictable demands. This series has built-in high speed uplinks and includes models with 24 SFP+ ports and full density 60W PoE with multi-gigabit Ethernet for a high performance, IoT and Wi-Fi 6 ready network.

The CX 6300 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:** Mix modular and fixed models in single stack that spans across campuses and sites.
- **Superior performance:** Built-in wirespeed 10GbE/25GbE/50GbE uplinks for demanding environments.
- **Real-time insights:** Automated analytics for rapid troubleshooting and resolution.
- **Resiliency:** Built-in high availability with VSF stacking and Always-On PoE.
- **Security**: Unified role-based policies to keep traffic segmented to ensure security.

Aruba CX 6300 Switch Series

ARUBA CX 6300 SWITCH SERIES

Category	Feature	Existing Aruba 2930M	Existing Aruba 3810M	New Aruba CX 6300	Upgrade Benefit
Platform	Deployment Model	Access	Access Aggregation	Access Aggregation	Simplicity of a single operating system, from edge access to data center
	Operating System	AOS-Switch	AOS-Switch	Cloud-native AOS-CX	
	Microservices-based Architecture	No	No	Yes	
	ASIC	Aruba Gen6	Aruba Gen6	Aruba Gen7 with Virtual Output Queuing (VOQ)	
	Network State & Time Series Database	No	No	Yes	
Scale, Performance, Flexibility	Switching Capacity	320 Gbps	480 Gbps	880 Gbps	Future-proof networking with on-demand growth
	Smart Rate (1/2.5/5GbE)	Up to 28 ports	Up to 12 ports	Up to 48 ports	
	10G	Up to 4 ports	Up to 24 ports	Up to 28 ports	
	25G	–	–	4 built-in 1/10/25/50 combo ports	
	40G	Up to 1 port	Up to 2 ports	–	
	50G	–	–	4 built-in 1/10/25/50 combo ports	
	PoE Power	30W per port Up to 1440W	30W per port Up to 1440W	60W per port Up to 2880W	
High Availability	Hot-swappable power supplies and fans	Yes	Yes	Yes	High availability from edge access to the core
	Stacking	Backplane (10)	Backplane (10)	VSF stacking (10)	
	Always-on PoE	No	No	Yes	
Segmentation	Aruba Dynamic Segmentation	Yes	Yes	Yes	Unified role-based security from edge access to the core
	VXLAN (with MP-BGP EVPN)	No	No	Yes	
Analytics and Automation	Programmability	Limited	Limited	Complete REST APIs	Enhanced visibility and simplified operations
	Distributed analytics	No	No	Yes, NAE embedded analytics in each switch	
	Advanced configuration management	No	No	Yes	
Licensing and Warranty	Licensing and Subscription	No software feature licensing or subscription required			TCO value with no hidden costs
	Warranty	Limited Lifetime Warranty*			

* Warranty details

WHY CHOOSE ARUBA CX SWITCHES?

- **Cloud-native OS:** Modern, micro-services 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

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