CISCO
The bridge to possible

Benefits of Upgrading to Cisco Catalyst 9200 Series Switches

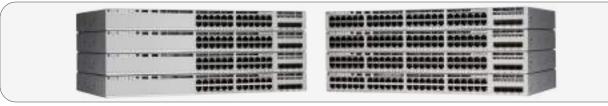## Why upgrade to Cisco® Catalyst® 9200 Series Switches?

Simplicity without compromise

Designed for the new era of intent-based networking, Catalyst 9000 switches combine programmable ASIC and software innovations to deliver the industry's highest performance and functionality plus breakthrough advancements in security, IoT, mobility and cloud.

Cisco Catalyst 9200 Series Switches extend the power of intent-based networking and Cisco Catalyst 9000 hardware and software innovation

to a broader set of deployments. Compared to the scale and feature richness the of 9300 Series, Cisco Catalyst 9200 Series Switches focus on offering right-sized switching for simple branch deployments. With its family pedigree, the Cisco Catalyst 9200 Series offers simplicity without compromise – it is secure, always on, and provides a new level of IT simplicity.

Secure, simple, solid. That's how we build them.

Finance your switching migration with Cisco Capital

Let financing from Cisco Capital® make migrating your switches and accelerating your digital transformation even easier. Cisco Capital Easy Pay makes this transition as easy as possible, with no upfront costs and predictable monthly payments. You pay 90 percent of the total over a three-year period that is completely interest free. At the end of the term, you have the option to return and refresh the equipment, extend your lease, or purchase the solution at 10 percent of the original cost. Take advantage of this market-leading interest rate and use your budget for other investments.

Take advantage of Cisco Capital Easy Pay.

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Table 1.   Benefits of the Cisco Catalyst 9200 Series compared to other Cisco Catalyst access switches in the same class

Trend	Feature	Installed-base access switches			Benefits
		Cisco Catalyst 2960-X Series	Cisco Catalyst 2960-XR Series	Cisco Catalyst 9200 Series	
Scale and performance	Bandwidth per stack Uplinks	80 Gbps 4x 1G SFP 2x 10G SFP+ 2x 10/100/1000 BT	80 Gbps 4x 1G SFP 2x 10G SFP+	up to 160 Gbps 4x 1G SFP 4x 10G SFP+ 2x 25G SFP28 2x 40G QSFP+	Twice the density at nearly the same price
Advanced security	Full Flexible NetFlow	✔	✔	✔	✔
	Cisco TrustSec® and SGT for wired and wireless	✔	✔	✔	Orchestrate role-based access to corporate resources
	Trustworthy solutions	✔	✔	✔	
	MACsec link encryption	-	-	✔	AES-128, MACsec-128
Simplicity and automation	Cisco IOS® XE	-	-	✔	Single common network OS across switching, routing, wireless, and IoT
	Model-driven programmability	-	-	✔	Standards-based programmable interfaces
	Streaming telemetry	-	-	✔	Rich contextual insights
	SD-Access programmability	-	-	✔	Automation and assurance
	Cloud monitoring for Catalyst	-	-	✔	Visibility on Meraki Dashboard

G: Gigabit Ethernet, SFP: Small Form-Factor Pluggable, SGT: Security Group Tag, SD-Access: Software-Defined Access

Table 2. Benefits of the Cisco Catalyst 9200CX models compared to other Cisco Catalyst compact access switches in the same class

Trend	Feature	Installed-base access switches			Benefits
		Cisco Catalyst 2960-CX Series	Cisco Catalyst 3560-CX Series	Cisco Catalyst 9200CX models	
Scale and performance	Ports	8, 12x 1Gbps PoE+, data options	8, 12 x 1Gbps PoE+, data options	8, 12x 1Gbps PoE+, 4x 10G mGig UPOE, data options	Twice the density at nearly the same price
	Uplinks	2x 1G SFP + 2x 1G copper	2x 1G SFP, 2x 1G copper, 2x 10G SFP+	2x 10G SFP+ + 2x 1G copper	
	HVDC power supply	-	-	✔	
Advanced security	Full Flexible NetFlow	X – NetFlow Lite	X – NetFlow Lite	✔	Orchestrate role-based access to corporate resources
	Cisco TrustSec® and SGT for wired and wireless	✔	✔	✔	
	Trustworthy solutions	-	-	✔	
	MACsec link encryption	-	-	✔	AES-256, MACsec-256

Trend	Feature	Installed-base access switches			Benefits
		Cisco Catalyst 2960-CX Series	Cisco Catalyst 3560-CX Series	Cisco Catalyst 9200CX models	
Simplicity and automation	Cisco IOS® XE	-	-	✔	Single common network OS across switching, routing, wireless, and IoT
	Model-driven programmability	-	-	✔	Standards-based programmable interfaces
	Streaming telemetry	-	-	✔	Rich contextual insights
	SD-Access programmability	Extended node only	Extended node only	✔	Automation and assurance
	Cloud monitoring for Catalyst	-	-	✔	Visibility on Meraki Dashboard

¹G: Gigabit Ethernet, SFP: Small Form-Factor Pluggable, SGT: Security Group Tag, SD-Access: Software-Defined Access

Cisco services

With Cisco Services, you can achieve infrastructure excellence faster with less risk. Our services for the Cisco Catalyst 9000 platform provide expert guidance to help you successfully plan, deploy, manage, and support your new switches. With unmatched networking expertise, best practices, and innovative tools, Cisco Services can help you reduce overall upgrade, refresh, and migration costs as you introduce new hardware, software, and protocols into the network. With a comprehensive lifecycle of services, Cisco experts will help you minimize disruption and improve operational efficiency to extract maximum value from your Cisco DNA-ready infrastructure. **Learn more**