Cisco C9350 Series Smart Switches

Contents

Overview

Cisco C9350 Series Smart Switches are designed to offer more flexible operations, assure a more secure experience, and bring exceptional speed and scale to enterprise networks. As the foundation for a future-proofed workplace, these enterprise LAN access smart switches ensure scalability, security, and simplified operations as organizations see to transform their network architectures.

Cisco C9350 Series Smart Switches build upon our industry-leading campus access switching portfolio with the first Cisco Silicon One™ ASICs built for enterprise campus, featuring full multigigabit and 90W PoE ports, converged switching and routing, and continuous zero-trust security.

But this is more than just the next generation in enterprise-grade switching. Cisco Smart Switches simplify operations, combining unified hardware, unified software, and support, regardless of how you manage your network. It is the evolution of the intelligent network to handle ever-increasing connectivity and data workloads.

- **Unified hardware** – Deploy your networks in the cloud, on-premises, or in a hybrid model with the same hardware and simplified SKU structure
- **Unified licensing** – Common licensing that unlocks advanced features and capabilities across platforms
- **Unified support** – Consistent and reliable product support for both hardware and software included with the unified licenses

Series highlights

Cisco C9350 Series Smart Switches are the evolution of enterprise-class stackable fixed campus access-layer switches designed to deliver security, scale, and flexibility while connecting, powering, measuring, and managing the network from enterprise access edge through the core.

Key features and benefits

Simplified management	Manage networks in the cloud, on-premises, or in a hybrid model using the same hardware and a unified management console.
Unified licensing	Common licensing that unlocks advanced features and capabilities across platforms.
Common support	Consistent and reliable product support for both hardware and software included with the unified licenses.
Performance and scalability	1.6 Tbps stacking, 48 ports 90W PoE, Fast PoE, Perpetual PoE, 100G/50G/40G/25G/10G/1G uplinks, redundant titanium power supplies, front stacking.
Advanced security and visibility	Unprecedented application visibility and control with Network-Based Application Recognition (NBAR) Version2, 100G IPsec on hardware, line-rate MACsec-256/WAN-MACsec encryption.

Enhanced app hosting	With enhanced X86-based multicore CPUs, DDR5 memory with 2x10G AppGig ports and local Solid-State Drive (SSD) storage for third-party container-based application hosting, include Docker, ThousandEyes, and Cisco Spaces.

Cisco IOS XE

Cisco IOS XE supports operational flexibility in how users decide to manage their devices. By providing out of the box support for on-premises, native and hybrid cloud management capabilities on the Cisco 9350 Smart Switch, IOS XE delivers a unified software operating system for multiple management modes.

The ability to manage these devices from the cloud, brings enhanced scalability, flexibility, and efficiency through central configuration management, monitoring, and troubleshooting. Users opting to leverage the cloud-native capabilities of IOS XE retain advanced control from the cloud through the implementation of Cloud CLI to access read and write commands based on their selected operating mode.

To learn more about cloud-native Cisco IOS XE on Cisco C9000 switches, click here.

Cisco IOS XE key features and benefits

Simplified campus automation	Simplified campus automation is designed to optimize the discovery and configuration of devices in your network with a more streamlined, simple, and easy-to-use automation tool. With features such as simplified discovery, IT can discover devices within the network within just a few steps. Also available is a more streamlined GUI that provides a better, simplified view of switch configurations and software details on a port-by-port basis.
Automated device provisioning	Automated device provisioning is the ability to automate the process of upgrading software images and installing configuration files on Cisco C9000 Smart Switches and Cisco Catalyst 9000 switches when they are being deployed in the network for the first time. Cisco provides streamlined solutions such as Plug and Play and Preboot Execution Environment (PXE) that support a simplified and automated deployment.
API-driven configuration	API-driven configuration is available with modern network switches such as Cisco C9350 Series Smart Switches. It supports a wide range of automation features and provides robust open APIs over NETCONF and RESTCONF using YANG data models for external tools, both off the shelf and custom built, to automatically provision network resources.

Granular visibility	Granular visibility enables model-driven telemetry to stream data from a switch to a destination. The data to be streamed is identified through subscription to a data set in a YANG model. The subscribed data set is streamed to the destination at specified intervals. Additionally, Cisco IOS XE enables the push model. It provides near-real-time monitoring of the network, leading to quick detection and rectification of failures.
Seamless software upgrades and patching	Seamless ISSU software upgrades and SMU patching supports OS resilience. On Cisco C9350 Series Smart Switches, Cisco IOS XE supports hot patching without reboot, which provides fixes for critical bugs and security vulnerabilities between regular maintenance releases. This support lets you add patches without having to wait for the next maintenance release.
Trustworthy solutions built with Cisco Trust Anchor Technologies	Trustworthy solutions built with Cisco Trust Anchor module (TAm) technologies provide a highly secure foundation for Cisco products. With Cisco C9350 Series Smart Switches, these technologies enable hardware and software authenticity assurance for supply-chain trust and strong mitigation against man-in-the-middle attacks that compromise software and firmware. Trust Anchor capabilities include image signing, Secure Boot, and Cisco Trust Anchor module.

Models and specifications

A fully assembled Cisco C9350 Series switch includes the fixed chassis, an optional modular uplink network module, three modular fan units, at least one field-replaceable power supply, and associated accessories.

Figure 1. Front view of the Cisco C9350 Series Smart Switches

Table 1. Cisco C9350 front-panel components

Label	Description
1	Uplink network module slot
2	USB Type C console port
3	USB Type C host port
4	System air intake
5	System LED
6	Mode button

Table 2. Cisco C9350 rear-panel components

Label	Description
1	Power supply modules
2	Fan modules
3	StackWise 1.6T port connectors
4	StackPower connectors
5	USB 3.0 SSD slot
6	CONSOLE (RJ-45 console)
7	MGMT (RJ-45 10/100/1000 management port)

Chassis

Cisco C9350 Series switches are high-performance, fixed access platforms designed for enterprise campus and branch environments. They offer high-density gigabit and multigigabit copper downlinks with advanced PoE support, along with modular uplinks for flexible high-speed Ethernet connectivity. Powered by the Silicon One™ A100 ASIC, the Cisco C9350 delivers 1.3 Tbps throughput and 1.5 Bpps packet processing, supporting up to 256K IPv4 routes, 128K MAC addresses, and 136K HCAM entries for scalable ACLs and NetFlow. Its flexible pipelines, adaptable tables, and scalable buffering make it ideal for future-ready access deployments.

The platform also supports StackWise-1.6T with up to 1.6 Tbps stack bandwidth available across eight switches when stacked together and features three field-replaceable power supplies for enhanced power resiliency, redundant fans, and front-to-back airflow. Built-in security features like secure boot, image signing, and runtime integrity ensure a robust and secure foundation for modern enterprise networks.

To learn more about Cisco Silicon One ASICs® on Cisco C9000 Series switches, click here.

Table 3. Chassis features

Feature	Cisco C9350 chassis
Maximum chassis bandwidth	1.3 Tbps
Number of power supply bays	3
Minimum number of power supplies	1
Power supplies supported	3
Number of fan-tray bays	3

Table 4. Chassis specifications

Description		Specifications	
SKU/PID		C9350-24T C9350-48T C9350-24P C9350-48P C9350-24U C9350-48U	C9350-48TX C9350-48HX
Dimensions (H x W x D)	Chassis only	4.4 x 44.5 x 38.3 cm 1.73 x 17.5 x 15.1 inch	4.4 x 44.5 x 47.2 cm 1.73 x 17.5 x 18.6 inch
	With default power supply	H x W x D cm H x W x D inch	H x W x D cm H x W x 15.1 inch
	With 1600W power supply	H x W x D cm H x W x D inch	H x W x D cm H x W x D inch

Description	Specifications	
Weight with default power supply	C9350-24T = 13.8 lbs (6.26 kg) C9350-48T = C9350-24P =13.54 lbs (6.14 kg) C9350-48P = C9350-24U = C9350-48U =	C9350-48TX= C9350-48HX=
Input voltage	AC: 110V to 230V DC: -36V to-72 VDC	
Operating temperature	-5° to 45° C (23° to 113° F) up to 6000 feet (about 1.83 km) -5° to 40° C (23° to 104° F) up to 10,000 feet (about 3.05 km)	
Storage temperature	-40° to 75° C (40° to 167° F)	
Relative humidity, operating and non-operating, non-condensing	10% to 95%, Non-condensing	
Mean time between failures (MTBF) (hours)	C9350-24T: 346560 C9350-48T: 357320 C9350-24P: 342720 C9350-48P: 391980 C9350-24U: 313860 C9350-48U: 271720	C9350-48TX: 261150 C9350-48HX: 277660
BTU		

Copper Cisco C9350 models

Multigigabit models

The Cisco C9350 Series Multigigabit platforms are high-performance access switches designed for modern enterprise and smart building deployments. Supporting up to 48 ports of 1/2.5/5/10 Gbps with full 90W UPOE+ on every port, the switches power Wi-Fi 6/6E/7, IoT, and high-power devices at scale. Built on new Cisco Silicon One A100/L ASICs with an x86-based CPU control plane, they offer advanced programmability, telemetry, and application hosting. StackWise-1.6T allows up to eight switches to operate as one, scaling to 448 multigigabit and 384 UPOE+ ports—making them ideal for dense, high-throughput access environments.

Cisco C9350-48HX

C9350-48HX use cases:

- Cisco C9350-48HX is optimized for enterprise access layer deployments requiring high-throughput multigigabit Ethernet and scalable power delivery.
- Designed for dense access environments with multigigabit interfaces supporting Wi-Fi 6/6E/7 and up to 90W UPOE+ per port for powering smart building systems, IP surveillance, and IT/OT endpoints.

C9350-48HX highlights:

- Cisco C9350-48HX is purpose-built to meet the demands of modern enterprise and campus networks.
- Cisco C9350-48HX is powered by dual Silicon One A100 ASICs, delivering 1.3 Tbps of throughput per ASIC for superior performance and future-ready infrastructure.
- Cisco C9350-48HX provides 90W on all ports through UPOE+ (IEEE 802.3bt Type 4), with a total PoE budget of 4320W.
- Cisco C9350-48HX features scalable StackWise-1.6 T technology, enabling up to 1.6 Tbps of stack bandwidth and supporting as many as 448 multigigabit and 384 UPOE+ ports in an eight-switch stack.
- Cisco C9350-48HX supports up to 400G of aggregate uplink bandwidth, ensuring ample throughput for bandwidth-intensive enterprise applications.

Cisco C9350-48TX

C9350-48TX use cases:

- Cisco C9350-48TX is purpose-built for enterprise access layer deployments requiring reliable, non-PoE multigigabit connectivity.
- Cisco C9350 Series delivers high-throughput Ethernet and seamless stacking—ideal for high-density, data-only access and network segmentation.

C9350-48TX highlights:

- Cisco C9350-48TX is powered by dual Silicon One A100 ASICs, delivering 1.3 Tbps of throughput per ASIC for superior performance and future-ready infrastructure.
- Cisco C9350-48TX features scalable StackWise-1.6 T technology, enabling up to 1.6 Tbps of stack bandwidth and supporting up to 448 multigigabit ports in an eight-switch stack.
- Cisco C9350-48TX supports up to 400G of aggregate uplink bandwidth.

10/100/1000M models

Cisco C9350 Series 1G platforms deliver enterprise-grade performance with up to 48 copper downlink ports supporting 10/100/1000 Mbps and full IEEE 802.3bt Type 3 (60W) UPOE. In an eight-member StackWise-1.6T stack, they scale to 384×1G ports and 384×60W UPOE ports with unified management and high availability. These models share the same modular components as their multigigabit counterparts, enabling consistent capabilities and simplified operations across deployments. Well-suited for wired access, smart building infrastructure, and

IP-based endpoints, the 1G platforms support a broad range of enterprise access use cases.

Cisco C9350-48U

C9350-48U use cases:

- Cisco C9350-48U provides 48 ports of 1 Gigabit Ethernet with 60W UPOE (IEEE 802.3bt Type 3) per port, delivering reliable power for HD IP cameras, PoE sensors, access control systems, and intelligent lighting.
- Cisco C9350-48U is ideal for enterprise access layer deployments in office campuses, education facilities, healthcare environments, and retail branches requiring high-density 1G connectivity and moderate-power PoE support.

C9350-48U highlights:

- Cisco C9350-48U integrates a single Silicon One A100 ASIC to deliver consistent 1G switching with intelligent traffic management and hardware-based forwarding.
- Cisco C9350-48U features 48 downlink ports with 10M/100M/1G speeds, each delivering 60W of UPOE, for a total PoE budget of 2880W. This enables flexible connectivity and powers a range of access layer endpoints.
- Cisco C9350-48U supports modular uplinks delivering up to 200 Gbps of total uplink bandwidth to accommodate high-throughput aggregation and core connections.

Cisco C9350-48P

C9350-48P use cases:

- Cisco C9350-48P offers 48 ports of 1 Gigabit Ethernet with 30W PoE (Power over Ethernet), providing efficient power to devices such as IP cameras, sensors, and other PoE-powered equipment.

C9350-48P highlights:

- Cisco C9350-48P integrates a single Silicon One A100 ASIC to deliver consistent 1G hardware-based forwarding.
- Cisco C9350-48P features 48 downlink ports with 10M/100M/1G speeds and 30W PoE per port, providing a total PoE budget of 1440W.
- Cisco C9350-48P supports modular uplinks delivering up to 200 Gbps of total uplink bandwidth.

Cisco C9350-48T

C9350-48T use cases:

- Cisco C9350-48T is purpose-built for enterprise access layer deployments requiring reliable, non-PoE 1G Ethernet connectivity, delivering consistent Layer 2/3 performance for high-density wired access environments.

C9350-48T highlights:

- Cisco C9350-48T integrates a single Silicon One A100 ASIC, enabling consistent 1G hardware-based packet forwarding.

- Cisco C9350-48T supports modular uplinks delivering up to 200 Gbps of total uplink bandwidth.

Cisco C9350-24U

C9350-24U use cases:

- Cisco C9350-24U features 24 ports of 1 Gigabit Ethernet, each providing 60W of UPOE (IEEE 802.3bt Type 3), ensuring reliable power delivery to a wide range of PoE devices.

C9350-24U highlights:

- Cisco C9350-24U uses a single Silicon One A100 ASIC for efficient 1G switching and hardware-based packet forwarding.
- It offers 24 downlink ports with 10M/100M/1G speeds, each providing 60W UPOE, with a total PoE budget of 1440W to power network edge devices.
- Cisco C9350-24U supports modular uplinks delivering up to 200 Gbps.

Cisco C9350-24P

C9350-24P use cases:

- Cisco C9350-24P provides 24 ports of 1 Gigabit Ethernet, each delivering 30W of PoE, efficiently powering devices like IP cameras, sensors, and other PoE-enabled equipment.

C9350-24P highlights:

- Cisco C9350-24P integrates a single Silicon One A100 ASIC, enabling efficient 1G hardware-based packet forwarding.
- Cisco C9350 offers 24 downlink ports supporting 10M/100M/1G speeds, each delivering 30W of PoE, with a total PoE budget of 720W to power PoE devices.
- Cisco C9350-24P supports modular uplinks delivering up to 200 Gbps.

Cisco C9350-24T

C9350-24T use cases:

- Cisco C9350-24T is purpose-built for enterprise access layer deployments that require dependable, non-PoE 1G Ethernet connectivity, delivering consistent Layer 2/3 performance for wired client access.

C9350-24T highlights:

- Cisco C9350-24T integrates a single Silicon One A100 ASIC, enabling consistent 1G hardware-based packet forwarding.
- Cisco C9350-24T supports modular uplinks delivering up to 200 Gbps of total uplink bandwidth.

Network modules

Cisco C9350 Series introduces new, exclusive field-replaceable uplink network modules, designed specifically for the Cisco C9350 platform. These modules, available in QSFP28 and SFP28/SFP56 configurations, support uplink speeds of 1G, 10G, 25G, 40G, 50G, and 100G, offering scalable connectivity to meet evolving network demands. The default switch configuration does not include the network module. When you purchase the switch, you can choose from the network modules described below:

Fiber network modules

C9350-NM-4C

C9350-NM-4C use cases:

- Cisco C9350-NM-4C is ideal for enterprise campus access switches requiring high-speed uplinks to aggregation or core layers, supporting high-throughput applications like wireless backhaul, video conferencing, and large-scale data access.
- Designed for scalable bandwidth and future-ready infrastructure in dense environments like smart buildings, campuses, and healthcare, with seamless 40G to 100G migration.

C9350-NM-4C highlights:

- Delivers up to 400 Gbps of total uplink bandwidth with four 100G/40G QSFP+ ports.

C9350-NM-2C

C9350-NM-2C use cases:

- Cisco C9350-NM-2C is optimized for enterprise campus access switches, providing 2 x 100G uplinks to aggregation or core layers.

C9350-NM-2C highlights:

- Delivers up to 200 Gbps of total uplink bandwidth with four 100G/40G QSFP+ ports.

C9350-NM-8Y

C9350-NM-8Y use cases:

- Cisco C9350-NM-8Y is a flexible 8-port network module, supporting 8 x 25G/10G/1G or 4 x 50G configurations, providing high-speed multigigabit uplink options for enterprise campus deployments.
- Cisco C9350-NM-8Y offers scalability from 1G to 50G, enabling seamless adaptation to evolving campus requirements. It supports emerging technologies like 5G, Wi-Fi 6, and high-demand applications such as video conferencing and IoT.

C9350-NM-8Y highlights

- Cisco C9350-NM-8Y delivers up to 200 Gbps of total uplink bandwidth with 8x 25G/10G/1G or 4x 50G ports.
- By default, the Cisco C9350-NM-8Y uplink operates in 8 x 1/10/25G mode, providing flexible, high-speed connectivity for enterprise campus networks.
- Cisco C9350-NM-8Y can be converted to 50G mode, with ports 5–8 automatically set to inactive when enabled, offering enhanced bandwidth for demanding applications.

Power supplies

Cisco C9350 Series Smart Switches support up to three hot-swappable, field-replaceable power supplies, enabling N+1 redundancy for high availability. One power supply is included by default in bay 1, with options to add a second or third for increased PoE budget or redundancy. When multiple power supplies are present, the system automatically balances the load across active units to improve efficiency and thermal performance. In PoE deployments, this allows for higher power delivery across more ports while maintaining fault tolerance.

Table 5. Power supply specifications for Cisco C9350 Series switches

Description	Specifications		
	PWR-C1-500WAC	PWR-C1-850WAC	PWR-C1-1600WAC
Power supply rated maximum output power	500W	850W	1600W (230V input) 1200W (115V input)
Total output BTU (note: 1000 BTU/hr = 293W)	1706	2900	5461 (1600W) 4096 (1200W)
Input-voltage range and frequency	90V – 264V 47Hz – 63Hz	90V – 264V 47Hz – 63Hz	180V to 264V (1600W) 103.5V to 132V (1200W)
Power supply efficiency	92%	92%	94%
Input current	6A max	10A max	12.5A max
Output rating	8.93A max	15.18A max	28.57A max 21.43A max
Output holdup time Power-supply input receptacles	>20ms	>20ms	>20ms (1600W) >12ms (1200W)

Description	Specifications		
	PWR-C1-500WAC	PWR-C1-850WAC	PWR-C1-1600WAC
Power-supply input receptacles	AC IEC 60320 C16	AC IEC 60320 C16	AC IEC 60320 C16
Physical specifications (H x W x D) cm	5.55 x 4 x 22 cm	5.55 x 4 x 22 cm	5.55 x 4 x 30 cm
MTBF			

The Cisco C9350 Series power supply units (PSUs) support two modes of operation.

Combined mode

The default Cisco C9350 chassis power supply mode is Combined. In Combined mode, the total power available for the entire chassis is equal to the sum of the output of all the power supplies, multiplied by the share ratio. In Combined mode, the power supplies can be of different wattage.

- P = Power output of one PSU
- N = Number of PSU (1, 2, or 3)
- Total combined power = P + (N-1) * P * (share ratio)

Table lists the different power supplies available in these switches and available PoE power.

Table 6. Power supply options and PoE capabilities for Cisco C9350 Series Smart Switches

SKU	Primary Power Supply	Default or Upgrade	Available PoE	Secondary PSU			Tertiary PSU Second PSU (500W/850W/1600W)		
				500W	850W	1600W	500W	850W	1600W
C9350-24T	PWR-C2-500WAC	Default	No PoE						
		Upgrade							
C9350-48T	PWR-C2-500WAC	Default	No PoE						
		Upgrade							
C9350-24P	PWR-C2-850WAC	Default	590W	720*W	720*W	720*W	720*W	720*W	720*W
	PWR-C2-1600WAC	Upgrade	720*W	720*W	720*W	720*W	720*W	720*W	720*W
C9350-48P	PWR-C2-850WAC	Default	590W	1090W	1440W	1440*W	1440*W	1440*W	1440*W
	PWR-C2-1600WAC	Upgrade	1340W	1440*W	1440*W	1440*W	1440*W	1440*W	1440*W
C9350-24U	PWR-C2-850WAC	Default	570W	1070W	1420W	1440*W	1440*W	1440*W	1440*W
	PWR-C2-1600WAC	Upgrade	1320W	1440*W	1440*W	1440*W	1440*W	1440*W	1440*W
C9350-48U	PWR-C2-850WAC	Default	570W	1070W	1420W	2170W	1570/ 1920/ 2880*W	1920/ 2270/ 2880*W	2670/ 2880*/ 2880*
	PWR-C2-1600WAC	Upgrade	1320W	1820W	2170W	2880*W	2320/ 2670/ 2880*W	2320/ 2880*/ 2880*W	2320/ 2880*/ 2880*W

SKU	Primary Power Supply	Default or Upgrade	Available PoE	Secondary PSU			Tertiary PSU Second PSU (500W/850W/1600W)		
C9350-48HX	PWR-C2-1600WAC	Default	1120W	1620W	1920W	2720W	2120/ 2420/ 3220W	2470/ 2770/ 3570W	3220/ 3520/ 4320W
C9350-48TX	PWR-C2-850WAC	Default	No PoE						

* **Limited by port number and port rating (e.g., 24 PoE+ 30W ports = 720W)**

Limited by port number and port rating (e.g., 48 PoE+ 30W ports = 1440W)

Limited by port number and port rating (e.g., 24 PoE+ 60W ports = 1440W)

Redundant N+1 mode

The Cisco C9350 chassis also supports N+1 redundancy mode, with N independent input circuits and safeguards against the failure of one (+1) of the circuits during a PSU failure. In Redundant mode, the power supplies can be of different wattage.

- N = number of PSU are active (1 or 2)
- +1 is the PSU reserved for redundancy

Power consumption

Table shows the power consumption of standalone Cisco C9350 Series Smart Switches based on Alliance for Telecommunications Industry Solutions (ATIS) testing using Internet Mix (IMIX) distribution stream traffic, with input voltage of 115VAC at 60 Hz and no PoE loading. The values given are the maximum possible power consumption numbers under the respective test scenarios.

Table 7. Power consumption of standalone Cisco C9350 Series Smart Switches

				Measured P(W)															
				Half port traffic					Full port traffic					Weighted average Pw	Weighted average Pw	PoE test (no traffic)			
SKU	FEP	Uplink	Input	0.01%/ EEE	10%	30%	50%	100%	.01%/ EEE	10%	30%	50%	100%			25%	50%	90%	100%
C9350 -24P	850W	Not Installed	115Vac	82.6	91.0	93.4	93.7	93.9	82.0	94.8	95.9	96.1	96.6	93.7	82.9	202.3	325.8	527.5	579.0
			230Vac	81.6	89.8	92.2	92.4	92.6	81.7	93.7	94.6	94.7	95.2	92.6	82.3	199.0	318.2	510.6	559.9
		C9350-NM-4C	115Vac	87.5	93.0	96.5	97.7	98.5	89.8	99.5	102.4	103.0	103.4	98.9	85.4	211.4	334.5	537.8	585.7
			230Vac	86.1	91.3	94.4	95.8	96.6	88.9	98.5	101.5	101.9	102.4	97.9	85.4	207.9	328.0	520.3	568.2
		C9350-NM-2C	115Vac	90.4	100.4	101.6	101.9	102.3	94.1	106.8	107.8	108.2	109.1	105.7	90.8	214.9	337.9	539.4	590.8
			230Vac	89.4	99.1	100.3	100.5	100.7	92.8	106.1	106.5	106.9	107.8	104.9	89.6	211.0	329.7	522.2	571.0
		C9350-NM-8Y	115Vac	90.0	99.4	101.0	101.2	101.6	94.2	107.1	107.9	108.3	109.2	106.0	88.7	215.3	339.6	541.4	591.3
			230Vac	89.0	97.9	99.8	100.0	100.5	93.1	105.8	106.7	107.1	108.1	104.8	88.7	211.7	331.9	524.2	572.3
C9350 -24T	500W	Not Installed	115Vac	77.7	86.1	89.1	89.5	89.7	77.5	91.0	91.7	91.9	92.5	89.8	78.1				
			230Vac	77.4	85.4	88.5	88.7	88.8	77.0	89.8	90.7	90.9	91.3	88.7	77.7				
		C9350-NM-4C	115Vac	82.5	88.4	92.1	93.3	94.1	85.9	96.0	98.9	99.7	100.0	95.4	81.2				
			230Vac	81.8	87.6	90.4	92.0	92.9	84.9	94.2	96.9	97.9	98.3	93.7	80.5				
			230Vac	85.4	95.1	96.6	96.8	97.3	89.1	102.1	102.9	103.3	104.2	101.0	86.0				
		C9350-NM-2C	115Vac	84.0	94.7	95.7	95.9	96.1	87.1	101.1	101.7	102.1	103.0	99.9	83.9				
			230Vac	83.2	93.6	94.4	94.6	95.1	86.2	99.2	100.1	100.5	101.4	98.1	83.2				
		C9350-NM-8Y	115Vac	86.3	95.6	97.5	97.8	98.2	90.7	103.9	104.7	105.1	106.1	102.8	85.0				
			230Vac	85.4	94.5	96.2	96.4	97.0	89.7	102.2	103.2	103.6	104.5	101.2	84.3				
C9450 -24U	850W	Not Installed	115Vac	87.4	95.9	99.0	99.2	99.4	87.0	100.8	101.5	101.8	102.3	99.6	87.8	313.7	547.9	940.3	1041.4
			230Vac	85.9	94.7	97.3	97.6	97.8	85.5	98.0	99.6	99.8	100.3	96.9	86.4	306.2	529.1	895.6	988.7
		C9350-NM-4C	115Vac	92.2	97.8	101.2	102.7	103.6	95.4	105.2	108.3	109.0	109.4	104.6	94.4	321.0	554.0	943.5	1045.5
			230Vac	90.6	96.1	99.4	100.9	101.7	93.7	103.4	106.4	107.2	107.6	102.8	93.2	313.5	536.6	901.5	994.6
		C9350-NM-2C	115Vac	93.4	103.9	104.8	105.0	105.5	96.5	110.4	111.3	111.5	112.4	109.2	93.4	323.2	555.8	946.7	1048.6
			230Vac	91.8	102.0	103.0	103.3	103.7	94.8	108.7	109.4	109.8	110.6	107.5	91.8	314.9	538.4	902.2	994.5
		C9350-NM-8Y	115Vac	95.8	105.4	107.3	107.6	108.1	100.2	114.0	114.8	115.2	116.2	112.8	94.4	324.4	557.7	946.6	1049.0
			230Vac	94.0	103.0	105.1	105.4	106.0	98.4	112.0	113.1	113.5	114.5	110.9	93.2	317.8	541.8	907.7	999.1

				Measured P(W)															
				Half port traffic					Full port traffic					Weighted average Pw	Weighted average Pw	PoE test (no traffic)			
SKU	FEP	Uplink	Input	0.01%/ EEE	10%	30%	50%	100%	.01%/ EEE	10%	30%	50%	100%			25%	50%	90%	100%
C9350 -48P	850W	Not Installed	115Vac	90.5	103.2	104.5	104.7	105.2	89.9	104.9	107.8	109.2	110.2	103.9	91.3	206.1	324.1	514.4	563.2
			230Vac	89.4	102.2	103.4	103.6	104.1	88.9	103.7	106.9	108.4	109.3	102.7	89.9	202.9	316.9	500.6	547.5
		C9350-NM-4C	115Vac	95.3	103.5	106.2	108.1	108.8	98.0	112.1	114.9	115.9	116.2	111.1	94.3	215.0	332.6	523.4	572.1
			230Vac	94.0	102.2	105.2	106.9	107.8	96.4	111.3	114.1	115.2	115.5	110.2	93.1	211.2	324.8	509.3	555.8
		C9350-NM-2C	115Vac	96.9	110.1	110.7	111.0	111.9	99.3	118.2	119.0	119.7	121.5	116.7	97.6	217.4	335.4	527.4	577.8
			230Vac	95.6	109.2	109.7	110.1	111.0	98.1	117.5	118.2	119.0	120.6	115.8	96.0	213.0	326.9	511.9	558.8
		C9350-NM-8Y	115Vac	100.5	113.4	114.2	114.6	115.5	106.4	124.5	125.4	126.1	128.0	123.0	99.5	215.1	334.7	520.8	568.8
			230Vac	99.4	112.8	113.5	113.9	114.9	105.3	124.0	124.9	125.6	127.4	122.5	98.4	212.3	327.4	507.4	553.1
C9350 -48T	500W	Not Installed	115Vac	81.5	94.9	95.7	95.9	96.4	80.8	98.6	100.2	101.3	102.3	97.2	82.2				
			230Vac	80.5	93.7	94.6	94.8	95.3	80.1	97.3	99.5	99.9	100.8	96.0	81.5				
		C9350-NM-4C	115Vac	86.4	94.9	97.8	99.4	100.4	89.3	104.6	107.6	108.6	108.9	103.5	85.7				
			230Vac	85.3	93.8	96.6	98.4	99.1	88.2	103.4	106.2	106.9	107.2	102.3	84.8				
		C9350-NM-2C	115Vac	88.3	102.4	102.9	103.3	104.2	91.0	110.5	111.3	112.1	113.9	108.9	88.6				
			230Vac	87.3	100.9	101.4	101.8	102.7	89.9	108.8	109.6	110.3	112.1	107.2	87.6				
		C9350-NM-8Y	115Vac	92.1	105.2	106.1	106.5	107.4	98.6	117.6	118.4	119.1	120.9	116.0	91.0				
			230Vac	91.1	103.9	104.7	105.1	106.0	97.3	115.8	116.6	117.3	119.0	114.3	90.0				
C9350 -48U	850W	Not Installed	115Vac	96.0	110.2	110.9	111.2	111.7	95.6	112.5	114.3	115.9	116.9	111.3	97.0	315.1	544.0	925.9	1023.0
			230Vac	94.8	108.5	109.2	109.4	109.9	94.2	110.0	112.5	114.1	115.0	108.9	95.6	308.6	529.4	889.9	978.8
		C9350-NM-4C	115Vac	97.4	105.8	109.0	110.7	111.0	99.9	115.1	117.8	118.9	119.2	114.0	96.4	319.2	547.3	928.0	1026.3
			230Vac	95.4	103.9	107.4	108.7	110.0	98.8	113.4	116.2	117.0	117.4	112.4	94.9	314.3	535.6	896.0	984.3
		C9350-NM-2C	115Vac	102.9	117.2	117.6	118.0	119.0	104.8	123.8	124.6	125.3	127.0	122.2	102.5	324.1	552.4	934.4	1032.6
			230Vac	101.2	114.9	115.5	115.9	117.0	103.9	123.0	123.7	124.4	126.1	121.4	101.7	316.9	537.9	898.2	988.3
		C9350-NM-8Y	115Vac	106.7	120.4	121.1	121.5	122.3	112.7	131.5	132.4	133.0	134.8	130.0	105.7	330.0	563.7	941.8	1043.4
			230Vac	105.0	118.5	119.2	119.6	120.2	110.9	129.4	130.2	131.0	132.6	127.9	104.1	324.5	549.0	908.0	998.9
C9350 -48HX	85W	Not Installed	115Vac	96.0	110.2	110.9	111.2	111.7	95.6	112.5	114.3	115.9	116.9	111.3	97.0	315.1	544.0	925.9	1023.0
			230Vac	94.8	108.5	109.2	109.4	109.9	94.2	110.0	112.5	114.1	115.0	108.9	95.6	308.6	529.4	889.9	978.8
		C9350-NM-4C	115Vac	97.4	105.8	109.0	110.7	111.0	99.9	115.1	117.8	118.9	119.2	114.0	96.4	319.2	547.3	928.0	1026.3
			230Vac	95.4	103.9	107.4	108.7	110.0	98.8	113.4	116.2	117.0	117.4	112.4	94.9	314.3	535.6	896.0	984.3
		C9350-NM-2C	115Vac	102.9	117.2	117.6	118.0	119.0	104.8	123.8	124.6	125.3	127.0	122.2	102.5	324.1	552.4	934.4	1032.6
			230Vac	101.2	114.9	115.5	115.9	117.0	103.9	123.0	123.7	124.4	126.1	121.4	101.7	316.9	537.9	898.2	988.3
		C9350-NM-8Y	115Vac	106.7	120.4	121.1	121.5	122.3	112.7	131.5	132.4	133.0	134.8	130.0	105.7	330.0	563.7	941.8	1043.4
			230Vac	105.0	118.5	119.2	119.6	120.2	110.9	129.4	130.2	131.0	132.6	127.9	104.1	324.5	549.0	908.0	998.9

Fan units

Cisco C9350 Series switches are equipped with three field-replaceable fan modules, designed with N+1 redundancy to maintain cooling even if one fan fails. The enhanced airflow design improves thermal efficiency, supporting stable operation across a wide range of deployment conditions. All fan modules are rear-accessible for easy, non-disruptive servicing.

Table 8. Fan modules

Model	Description
C9350-FAN-I=	Cisco C9350 Port Inlet Fan Module, SPARE

Redundancy and stacking

Cisco StackWise-1.6T

Cisco C9350 Series features StackWise-1.6T, a high-performance, standards-based Ethernet stacking architecture that delivers up to 1.6 Tbps of aggregate stack bandwidth—the highest in the industry for enterprise access switching. This architecture supports stacking of up to eight switches using dedicated rear-panel connectors and high-speed stack cables, forming a single, unified system with distributed forwarding and a common control plane. StackWise-1.6T enables low-latency communication, hitless failover, and simplified management, providing exceptional scalability and resiliency. Its Ethernet-based design offers improved flexibility, allowing the stack to operate efficiently in demanding, high-density environments while maintaining operational simplicity.

Table 9. Supported stacking options

Model	Stacking support	Stacking bandwidth support	Optional stacking hardware	Number of members	Supported stack members
C9350 SKUs	StackWise-1.6T	1.6 Tbps	StackWise cable	8	Stacks with other Cisco C9350 models at StackWise-1.6T speeds with same license level

Cisco StackPower+

Cisco C9350 Series Smart Switches support StackPower+, an enhanced 55V power-sharing architecture that allows all power supplies across the stack to operate as a unified power pool. This enables redundant power capabilities with zero additional rack footprint, improving space and operational efficiency. With StackPower+, power from all connected supplies is intelligently consolidated and redistributed based on real-time demand, ensuring optimized delivery across the stack. By adding just one additional power supply to any member, you can increase available capacity or provide redundancy to other switches in the domain. StackPower+ also supports full 90W PoE on all ports, leveraging shared power through the stack. Up to four switches can be connected in a StackPower+ ring, delivering flexible, scalable, and resilient power management for demanding PoE deployments.

Table 10. StackWise and StackPower cables

Cisco StackWise-1.6T and StackPower cables	
Part number	
STACK-T1A-50CM=	Cisco StackWise-1.6T 50cm stacking cable spare
STACK-T1A-1M=	Cisco StackWise-1.6T 1m stacking cable spare
STACK-T1A-3M=	Cisco StackWise-1.6T 3m stacking cable spare
CAB-SPWR-35CM=	Cisco Catalyst StackPower cable 35cm spare
CAB-SPWR-100CM=	Cisco Catalyst StackPower cable 100cm spare

Software features

Cisco IOS XE, running on Cisco C9350 Series Smart Switches, delivers a robust, scalable, and secure platform tailored for the modern hybrid workplace. With native support for cloud, on-premises, and hybrid environments, IOS XE ensures consistent network operations across all deployments. The Cisco C9350 Series supports advanced Layer 2 and Layer 3 forwarding capabilities, increased L2/L3 scale, and line-rate 100G hardware-based encryption, delivering high performance and security for modern enterprise campus.

Table 11. Feature highlights for Cisco C9350 Series Smart Switches

Model	C9350
Resiliency and High Availability	✔
Software Maintenance Upgrade (SMU)	✔
Cisco StackWise 1.6T	✔
Stateful Switchover (SSO)	✔
Extended Fast Software Upgrade (xFSU)	✘ (FCS+1)[1]
Graceful Insertion and Removal (GIR)	✔
StackPower+	✔
Enterprise Security	✔
Trustworthy solutions	✔
Image signing	✔
Secure boot	✔
Cisco Trust Anchor module	✔
MACsec encryption (256-bit AES-GCM)	✘

Model	C9350
IPv4 FHS (First Hop Security)	✔
IEEE 802.1x	✔
Object-Group ACLs (IPv4/IPv6)	✔
Enterprise Quality of Service	✔
Modular QoS CLI (MQC)	✔
Strict priority queuing	✔
Class/color-aware queuing	✔ (VoQ)
Policing/metering	✔
Shaping/bandwidth	✔
Hierarchical QoS	✔
Enterprise Layer 2 Switching	✔
STP/RSTP/PVSTP	✔
802.1Q	✔
L2 Multicast (IGMP/MLD)	✔
L2 Port-channels (PAGP/LACP)	✔
PVLAN	✔
VLAN Mapping	✔
Selective QinQ	✔
IP Routing	
Routing Information Protocol version 2 (RIPv2), and next generation (RIPng)	✔

Model	C9350
Open Shortest Path First version 2 (OSPFv2), and OSPFv3	✔
Enhanced Interior Gateway Routing Protocol (EIGRP), and EIGRPv6	✔
Intermediate System-to-Intermediate System Version 4 (IS-ISv4)	✔
Border Gateway Protocol version 4 (BGPv4), and BGPv6	✔
Protocol-Independent Multicast (PIM) Sparse-Mode (PIM-SM)	✔
Protocol-Independent Multicast (PIM) Source-Specific Mode (PIM-SSM)	✔
IPv6 routing	✔
L3 routed subinterfaces	✔
BGP Ethernet VPN (EVPN) VXLAN	
Fabric spine, leaf and border support	✘
L2/L3 virtual network interface (VNI)	✘
Distributed anycast gateway (symmetric IRB)	✘
Centralized gateway (asymmetric IRB)	✘
ESI multihome support	✘
Tenant Routed Multicast (IPv4/IPv6)	✘
L3 border handoff: Multi-VRF, MPLS L3VPN	✘
L2 border handoff: VPLS, EoMPLS L2VPN	✘

Model	C9350
Software-Defined Access (SD-Access)	
Virtual eXtensible LAN (VXLAN)	✗ (FCS+1)[1]
L2 virtual network interface (VNI)	✗ (FCS+1)[1]
L3 virtual network interface (VNI)	✗ (FCS+1)[1]
SD-Access control plane	✗ (FCS+1)[1]
SD-Access border	✗ (FCS+1)[1]
SD-Access Layer 2 border	✗
SD-Access edge	✗
Flexible NetFlow (FNF)	
FNF IPv4 flow records	✓
FNF IPv6 flow records	✓
FNF sampler	✓
FNF data export	✓
NetFlow version 9 (NFv9) export	✓
IPFIX export	✓
Programmability	
NETCONF	✓

Model	C9350
RESTCONF	✔
gNMI/gNOI	✔
YANG models	✔
ZTP/PnP	✔
Bluetooth wireless UI	✔
RFID tags	✔
Blue beacon	✔
Out-of-Band management	✔
Maximum bandwidth per ASIC	1.3 Tbps (500G switching + 800G stack bandwidth)
Minimum software requirement	IOS XE 17.18.1

[1] C9350 models: Feature is not available at FCS, but it is hardware capable.

Performance and scalability

Cisco C9350 Series, powered by the Silicon One A100 ASIC, delivers up to 1.3 Tbps throughput, offering scalable performance and high-density connectivity. Its stackable architecture supports growing network demands with low-latency, wire-speed efficiency.

Table 12. Performance and scalability features of Cisco C9350 switches

Feature	Cisco C9350
System switching	Up to 500G
ASIC switching capacity	Up to 1.3 Tbps (500G switching traffic + 800G stack)
ASICs	2x A100
Forwarding rate	3 Bpps (1.5 Bpps per ASIC)
DRAM	16 GB
Flash	18 GB
SSD capacity	Up to 240 GB
VLAN IDs	4094
PVST instances	Up to 1000
STP virtual ports (Port*VLANs) for PVST	16,000
STP virtual ports (Port* VLANs) for MST	100,000
Switched Virtual Interfaces (SVIs)	2000
Jumbo frames	9216
Total number of MAC addresses	Up to 64,000

Feature	Cisco C9350
Total number of IPv4 routes	Up to 192,000
Total number of IPv6 routes	Up to 96,000
Address Resolution Protocol (ARP) entries	Up to 64,000
Neighbor Discovery Protocol (NDP) entries	Up to 4000
IGMP/MLD Snooping entries	Up to 8000/4000
Multicast routes	Up to 8000/4000
QoS ACL scale (IPv4/IPv6)	Up to 2000
Security ACL scale (IPv4/IPv6)	Up to 5000/25001
NetFlow entries (IPv4/IPv6)	Up to 64,000
Packet buffer	Up to 36 MB (18 MB per ASIC)

[1] Multiple Security ACL types are supported. Only the first type can use the expanded scale.

Table 13. Bandwidth specification

SKU	Bandwidth specification	Switching capacity with stacking	Forwarding rate (MPPS)	Forwarding rate with stacking (MPPS)
C9350-24T	448G	2048G	333.312	1523.712
C9350-48T	496G	2096G	369.024	1559.424
C9350-24P	448G	2048G	333.312	1523.712
C9350-48P	496G	2096G	369.024	1559.424
C9350-24U	448G	2048G	333.312	1523.712
C9350-48U	496G	2096G	369.024	1559.424
C9350-48HX	1760G	3360G	1309.44	2499.84
C9350-48TX	1760G	3360G	1309.44	2499.84

SDM templates

Cisco C9350 Series switches utilize predefined Software Database Manager (SDM) ASIC templates to allocate hardware resources efficiently, depending on the switch's role in the network. These standard SDM templates are designed to optimize table sizes and performance for access and edge deployments.

The following sections describe the flexible ASIC SDM templates for C9350 Series.

Default SDM ASIC template

The Cisco C9350 Series comes with a default SDM template optimized for enterprise access use cases, providing balanced resources for Layer 2 and Layer 3 forwarding, ACLs, and QoS, without requiring additional configuration.

The following table describes the default SDM ASIC (access) template for C9350 Series.

Table 14. SDM template specifications

Feature	Default templateC9350
MAC addresses	64,000
IP host routes[1]	64,000
IP LPM routes[1]	192,000
IP multicast routes[1]	8,000
IGMP/MLD snooping[1]	8000
Security/Object groups	24,000
NetFlow entries[1]	32,000 ingress, 32,000 egress
Security ACLs[1]	5000 – 32,000[3]
QoS ACLs[1]	1000
PBR/NAT	4000
GRE Tunnels	1024

[1] IPv4 and IPv6 entries coexist in the same tables, but IPv6 entries require two entries.
[2] Feature is not available at FCS but will be available in future software releases.
[3] Multiple Security ACL types are supported. Only the first type can use the expanded scale.

Management

Unified management

Cisco C9350 Series with IOS XE comes with a streamlined management onboarding experience. Based on the user's preference of how they would like to manage their devices and/or licenses they have the below management options to choose from.

Cloud management via Meraki Dashboard

For users looking to manage their Cisco C9350 switches via cloud they have the optionality to choose between the below cloud-managed operating modes. With the cloud-native IOS-XE release that provides a guided onboarding workflow, users can choose from two operating modes based on their specific requirements and preferences.

1. **Cloud operating mode:** This operating mode offers the full cloud management experience. In cloud operating mode, configurations are managed via the Meraki user interface and delivered entirely from the cloud. This capability also offers a read-only Cloud CLI terminal to view the entire running-configuration or perform advanced troubleshooting using IOS XE show commands. For details on cloud operating mode, click here
2. **Hybrid operating mode**[1]: This operating mode is an evolution of Cloud Monitoring. In hybrid mode, users can onboard their device to the cloud to access central monitoring and troubleshooting tools, as well as a Cloud CLI terminal to execute read/write commands. Configurations are managed via local console, SSH, or CLI and remain local to the device. For details on hybrid operating mode, click here

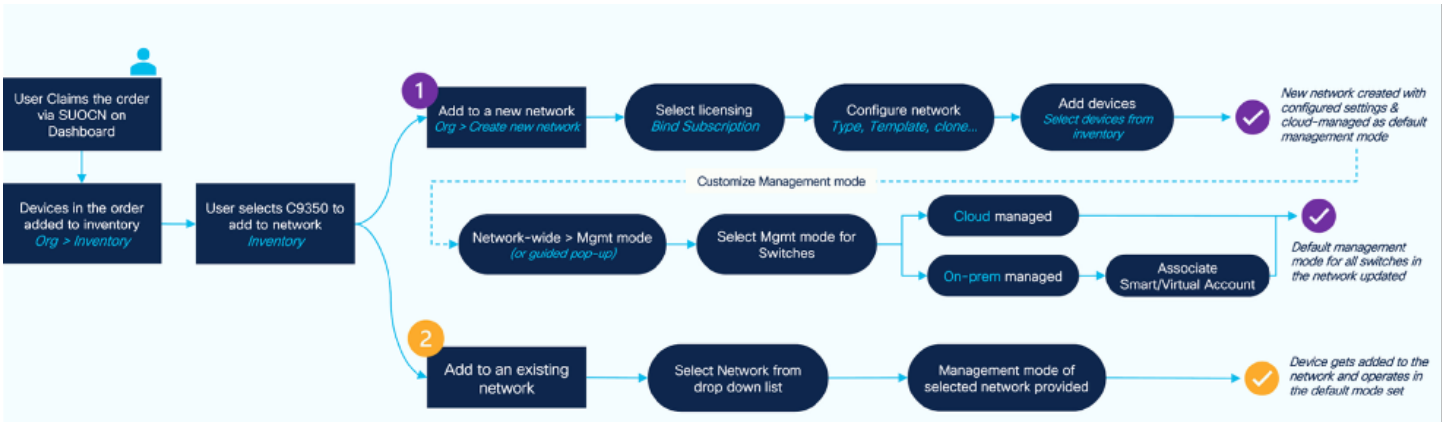
[1] Hybrid mode capability will be able in a future release

To learn more about cloud-native management with IOS XE, click here.

On-premises management

For users looking to manage their Cisco C9350 inventory and licenses on Meraki dashboard, they can onboard their switches to an on-prem network on the dashboard. Devices can be then managed as usual via an on-premises management platform or CLI console.

Here is the flow to onboard a Cisco C9350 to Meraki Dashboard with the optionality to choose from the above management options



On-Premises management via Catalyst Center

Cisco Catalyst™ Center, formerly Cisco DNA Center, is a powerful on-premises network controller and management dashboard that empowers you to take charge of your network, optimize your Cisco investment, and lower your IT spending. Catalyst Center provides a single dashboard for every fundamental management task to simplify running your network. With this platform, IT can respond to changes and challenges faster and more intelligently.

Catalyst Center provides coverage for Cisco enterprise switching, routing, and mobility products. For a complete list of Cisco products supported, please see our compatibility matrix, which is updated regularly.

For more information on Catalyst Center support, click here.

Licensing

Unified licensing

Unified licensing in a Cisco Networking Subscription or an Enterprise Agreement is available for Cisco C9350 Series Switches.

To learn more about Cisco Networking Subscription, go to the data sheet.

Cisco Smart Accounts

Licenses are managed through Cisco smart accounts. For a more detailed overview on Licensing, go to Cisco Software Licensing and Smart Accounts.

Creating Smart Accounts by using the Cisco Smart Software Manager (Cisco SSM) enables you to order devices and licensing packages and manage your software licenses from a centralized website. You can set up Cisco SSM to receive daily email alerts and to be notified of expiring add-on licenses that you want to renew.

Cisco Smart Licensing is a flexible licensing model that provides you with an easier, faster, and more consistent way to purchase and manage software across the Cisco portfolio and across your organization. And secure—you control what users can access.

Cisco Enterprise Agreements

The Cisco Enterprise Agreement (EA) is a flexible licensing solution that simplifies the purchase, management, and deployment of Cisco technologies.

By combining multiple Cisco software and services into one agreement, the EA provides easy access to a wide range of products, including networking, security, collaboration, and data center solutions.

This approach reduces administrative tasks, offers predictable costs, and allows for scalability and adaptability. With the flexibility of the Cisco EA, organizations can drive digital transformation and innovation while maintaining control over their IT investments. For more information, go to Cisco Enterprise Agreement.

Migration essentials

Customer Stories

Read, hear, and watch what our customers have to say about how Cisco technology is pushing the limits to bring better, more secure outcomes for them and those they serve.

See what customers are saying.

Trials and offers

Offers

To connect with a Cisco sales expert, build your own estimate, or find a partner, visit our How to Buy hub.

Ordering information

The following table lists the ordering information for switches, network modules, stacking cables, and accessories that are commonly used with Cisco C9350 Series Smart Switches, as well as the Cisco Catalyst Center and Cisco Meraki licenses respectively.

For a detailed overview of the ordering process, please visit the Cisco C9350 Series Smart Switches Ordering Guide

We recommend working with a Cisco partner to purchase.

- Contact sales
- Find a partner
- Create an estimate

Warranty

The following table provides information about the E-LLW.

Table 15. Enhanced Limited Lifetime Warranty (E-LLW) details

Description	Cisco E-LLW
Devices covered	Applies to Cisco C9350 Series switches.
Warranty duration	As long as the original customer owns the product.
End-of-Life Policy	In the event of discontinuance of product manufacture, Cisco warranty support is limited to 5 years from the announcement of discontinuance.
Hardware replacement	Cisco or its service center will use commercially reasonable efforts to ship a replacement for NBD delivery, where available. Otherwise, a re-placement will be shipped within 10 working days after receipt of the Re-turn Materials Authorization (RMA) request. Actual delivery times might vary depending on customer location.
Effective date	Hardware warranty commences from the date of shipment to customer (and in case of resale by a Cisco reseller, not more than 90 days after original shipment by Cisco).
TAC support	Cisco will provide during business hours, 8 hours per day, 5 days per week, basic configuration, diagnosis, and troubleshooting of device-level problems for up to a 90-day period from the date of shipment of the originally purchased Cisco C9350 Series product. This support does not include solution or network level support beyond the specific device under consideration.
Cisco.com access	Warranty allows guest access only to Cisco.com.

Sustainability profile

Cisco is embedding sustainability into the product lifecycle—from manufacturing to end of use. Designed with consideration for Cisco's **Circular Design Principles**, our products feature both individual and portfolio-wide programs and innovations, including those that address efficient architecture design, power consumption, energy management, packaging sustainability, and takeback. These elements are pivotal in reducing operational costs and advancing net-zero greenhouse gas (GHG) emissions targets, and other sustainability-related ambitions.

Information about Cisco's environmental, social, and governance (ESG) initiatives and performance is available in **Cisco's Purpose Reporting Hub**.

Table 7. Sustainability references

Sustainability topic		Description
Power	Cisco Power Calculator	The Cisco Power Calculator tool provides an estimation of power and allows customers to calculate the power supply requirements for a specific Power over Ethernet (PoE) configuration. Cisco Power Calculator
	Power management configuration	The power management chapter in the System Management Configuration Guide provides detailed information on power management features and configurations available for the Cisco C9350 Series Smart Switches. The features discussed include power-supply modes, module operating states, and power-budgeting considerations.
	Auto-off ports without Small Form-factor Pluggable (SFP)	Once enabled, the system checks for the presence of SFPs in Fiber ports on a regular basis and turns on SerDes when SFP is detected. If no SFP is detected, the system will keep SerDes off to save energy.
	Auto-off LEDs	Once enabled, port LEDs will stay depowered saving energy until a link event is triggered or manually enabled by CLI or Mode button.
	Auto-off StackPower PSU	Once enabled, switch stack will auto shut off power supplies in the pool that are beyond the power need of 50% load to supply ratio and N+1 redundancy.

Sustainability topic		Description
Energy management	Catalyst Center dashboard	The Catalyst Center dashboard offers comprehensive energy management capabilities, allowing users to monitor power usage, energy mix, costs, and CO2e emissions and optimize energy consumption in real time. Catalyst Center release notes
	Environmental monitoring configuration	The environmental monitoring chapter in the System Management Configuration Guide provides guidelines for configuring monitoring of environmental conditions of chassis components.
	Cisco SmartPower	Cisco SmartPower is an extensible power management protocol that employs a domain-based, hierarchical architecture for power management across network devices. It utilizes a signalling mechanism within the network infrastructure to communicate power data and enforce power policies on endpoints. This allows for granular control over device power states and the implementation of energy-saving measures across the network.
Ecolabels	80 PLUS Platinum/ Titanium Certified power supply units (PSUs)	Cisco C9350 Series Smart Switches support high efficiency power supply units. 80 PLUS Platinum Certified PSUs offer up to 92% efficiency at 50% load and titanium PSUs reach up to 94% efficiency at 50% load.
	ENERGY STAR®	Cisco C9350 Series Smart Switches are ENERGY STAR certified and meet energy-efficiency specifications set by the U.S. Environmental Protection Agency (EPA), helping customers reduce their energy costs and environmental impact.

Sustainability topic		Description
Materials, modularity, and reuse	Hardware standardization and modularity	Cisco C9350 Series Smart Switches designed with Cisco's Circular Design Principles use standard subassemblies and common modular components across products to streamline production and enhance reusability, repairability and upgradability.
	Simplified architecture	Cisco C9350 Series Smart Switches offer a simplified architecture by consolidating multiple discreet ASIC/NPU components into a central system-on-chip (SoC) architecture, providing multiple discrete functions in a more integrated design.
	Recycled content	Cisco C9350 Series Smart Switches use non-commodity plastic components that contain up to 75% post-consumer recycled content.
	Powder-coat finish	Cisco C9350 Series Smart Switches eliminated the use of oil-based wet paints, instead using a powder-coating finish. A powder-coating finish reduces the amount of harmful solvents used and volatile organic compounds (VOCs) emitted during the painting process.
	Bezel-free design	Cisco C9350 Series Smart Switches use a bezel-free design, reducing plastic usage.
	Cisco Takeback and Reuse	This program allows customers to return used equipment for responsible recycling and reuse. Takeback and Reuse Program
	Cisco Refresh	This program offers certified remanufactured products, providing cost-effective alternatives to new equipment. Cisco Refresh

Sustainability topic		Description
Packaging	Removal of single-use plastic bags	C9350 Series Smart Switches Accessory Kit (C9350-ACC-KIT) is packaged with fiber-based materials, removing single-use plastic bags.
	Foam reduction	Expanded foam end caps used in packaging hardware are now replaced with thermoform cushioning end caps (made of at least 50% post-consumer recycled content). Circular economy and packaging sustainability
	Accessory opt-in	Cisco C9350 Series Smart Switches now support further reduction of materials and waste by allowing customers to select whether to include the accessory kit. The default does not include it, unless required.
General	Sustainability inquiries	Contact this alias for questions and information related to Cisco's general and product-specific sustainability initiatives. csr_inquiries@cisco.com
	Cisco policies, positions, and guides	Links to select Cisco's Environmental Sustainability policies, positions, and guides are provided in the "Policies, positions, and guides" section of Cisco's Purpose Reporting Hub. Policies, positions, and guides
	Cisco Green Pay	This page provides an overview of Cisco Green Pay, a financing program aimed at promoting more sustainable technology adoption by providing flexible payment options. Green Pay

Appendix

Safety and compliance

Chassis

The section below lists the safety and compliance information for the Cisco 9350 Series Access Smart Switches chassis.

Safety and certifications	EMC and EMI compliance
• IEC 60950-1 plus Am1, Am2, Am9, Am10, Am11, Am12, and all deviations and differences; • EN 60950-1; 2006 • IEC 62368-1 Second Edition with all deviations and differences • UL 60950-1, Second Edition • UL 62368-1, Second Edition • AS/NZS 60950.1.2011 • CAN/CSA-C22.2 No. 60950-1-07 • CAN/CSA-C22.2 No. 62368-1-14 • GB 4943-95 • NOM-019-SCFI-1998	• 47 CFR Part 15 Class A CNS13438: 2006 Class A EN 300 386 V1.6.1 • EN 61000-3-2: 2014 • EN 61000-3-3: 2013 • EN 300 386 V1.6.1 • EN 55032: 2012/ AC:2013 Class A EN 55032:2015 Class A • EN 55024: 2010 + A1: 2015 • ICES-003 Issue 6: 2016 Class A • KN 35: 2015 • KN 32: 2015 Class A • TCVN 7189: 2009 Class A • TCVN 7317: 2003 • CISPR 32 Edition 2 Class A • CISPR 24: 2010 + A1: 2015 • V-2/2015.04 Class A V-3/2015.04 Class A • EN55024: 2010 + A1: 2015 • KN35: 2015 • TCVN 7317: 2003

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Time to switch it up

Cisco Capital	Cisco Capital flexible payment solutions offer choices so you get the tech you need and the business outcomes you want.
Explore Cisco Capital	https://www.cisco.com/site/us/en/buy/payment-solutions/index.html
Find a partner	Solve your business challenges by finding a Cisco partner authorized to design, sell, and support custom solutions.
Meet our partners	https://www.cisco.com/site/us/en/partners/connect-with-a-partner/index.html
Community	Cisco Community is an active and collaborative place to learn more about our products and ask questions of peers and Cisco experts.
Join the community	https://community.cisco.com/
Cisco Services	Transform with more ease and less risk while making sure your technology delivers tangible business value.
Browse Cisco Services	https://www.cisco.com/site/us/en/services/index.html