

Cisco Catalyst 9800 Series Wireless Controllers

With 26 billion networked devices connections by 2020, 120 million new malware variants every year, businesses losing \$700 billion a year to IT downtime and 86% cloud adoption among enterprises by 2019, customers expect a wireless and wired network that is always on, has integrated security and can be deployed anywhere including the cloud of their choice.

Built from the ground-up for the Intent-based networking and Cisco DNA, Cisco Catalyst 9800 Series Wireless Controllers bring together the magic of Cisco IOS XE and Cisco RF excellence, to create the best-in-class wireless experience for your evolving and growing organization.

The Cisco Catalyst 9800 Series Wireless Controllers are built on an open programmable architecture with built-in security, streaming telemetry and rich analytics.

The Cisco Catalyst 9800 Series Wireless Controllers are built on the three pillars of network excellence—always on, secure, and deployed anywhere—which strengthen the network by providing the best wireless experience without compromise, while saving time and money.

- **Always on:** High availability and seamless software updates, enabled by hot patching, keep your clients and services always-on in planned and unplanned events. Bug fixes, access point deployment at multiple sites, network updates, and more can be handled without rebooting the controller or impacting the operation of the networks.
- **Secure:** Wireless infrastructure becomes the strongest first line of defense with Encrypted Traffic Analytics and Cisco Software-Defined Access . The controllers come with built-in security to secure the controller and the network: secure boot, runtime defenses, image signing, integrity verification and hardware authenticity.
- **Deploy anywhere:** Whether your deployment choice is an on-premises solution or a cloud deployment solution, the Cisco Catalyst 9800 Series wireless controllers allow for management and deployment of the controller anywhere.

The Cisco Catalyst 9800 Series Wireless Controllers support open and programmable APIs that enable flexible management and automation of your Day 0-N network operations. Model-driven streaming telemetry provides deep insights into your network and client health.

Cisco Services

Effectively migrate, adopt, securely manage, and accelerate deployment of Cisco Catalyst 9800 Series Wireless Controllers with Cisco Services. Our experts and full lifecycle of advisory, implementation, optimization, technical, managed, and training services help you transition to advanced mobility solutions while helping ensure the reliability and security of your wireless network for desired business outcomes.

Learn more about Cisco Services at <https://www.cisco.com/c/en/us/products/wireless/service-listing.html>

To learn more about the Cisco Catalyst 9800 Series Wireless Controllers, [click here](#).

Catalyst 9800-80



Cisco Catalyst 9800-80 is our leading modular wireless controller, which supports up to 6000 access points and 64,000 clients.

Supports upto 80 Gbps throughput and occupies a 2RU rack space.

Investment protection with a variety of optional modular uplink choices: GE, 10GE, 40GE and 100GE; to scale with your enterprise.

Built on Cisco IOS XE operating system, which offers a rich set of open standards based programmable APIs and model driven telemetry.

Fully inter-operable with AireOS controllers and 802.11ac Wave-1 and Wave-2 Access Points

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Catalyst 9800-40



Cisco Catalyst 9800-40 is ideal for mid-sized organizations and campus deployments as it supports up to 2000 access points and 32,000 clients.

Supports upto 40 Gbps throughput and occupies 1 RU rack space.

Highly scalable, service-rich, resilient and flexible platform that runs the Cisco® IOS-XE operating system, supporting a rich set of open, programmable interfaces (API's) to provide a standard and easy way to orchestrate its functions.

Fully inter-operable with AireOS controllers and 802.11ac Wave-1 and Wave-2 Access Points

[Link to Data Sheet](#)

Catalyst 9800 for Cloud



Cisco® Catalyst® 9800-CL is the next generation of enterprise-class virtual wireless controller built for high availability and security.

Multiple scale options to meet the needs of your branch and campus network deployments.

Catalyst 9800-CL for Private Cloud is available in **VMWare® ESXi, KVM and Cisco® ENCS** and supports up to 6000 access points and 64,000 clients.

Catalyst 9800-CL for Public Cloud is available on Amazon Web Services (**AWS**) and supports Cisco FlexConnect with up to 1000 access points and 10,000 clients.

Built on Cisco IOS XE operating system, which offers a rich set of open standards based programmable APIs and model driven telemetry.

[Link to Data Sheet](#)

Catalyst 9800 embedded wireless



Cisco Catalyst 9800 embedded wireless is a software package that enables wireless on the Catalyst 9000 switching platforms.

Download and install on your Catalyst 9300 switches with support of upto 200 Access Points and 4000 wireless clients.

Catalyst 9800 embedded wireless brings your wired and wireless infrastructure together with consistent policy and management.

Supports only SD Access, which is a highly secure solution for small campuses and distributed branches.

[Link to Data Sheet](#)

Next Gen of infrastructure products

Our new Cisco Catalyst 9800 wireless controllers are the next generation of wireless infrastructure products that have been built from the ground-up for Intent-based Networking. They are designed to take advantage of Cisco Digital Network Architecture (Cisco DNA™) and Cisco SD-Access. An open and programmable operating system provides flexibility of management and automation. The Cisco Catalyst 9800 is also the first in the line to offer flexible deployment and unprecedented scale options to meet the needs of your growing organization.