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CISCO

Enable Enterprise-Class Wi-Fi for Mid-Market Companies with Cisco Catalyst Embedded Wireless Controller (EWC)

The Cisco® Embedded Wireless Controller on Catalyst® Access Points (EWC) offers simplicity without compromise. As the next-generation Wi-Fi solution for mid-market customers, the EWC combines controller functions from the Catalyst 9800 Series Wireless Controllers with the latest Catalyst 9100 Wi-Fi 6 Access Points. This means you get a best-in-class wireless experience for your evolving and growing organization. Powered by intent-based networking from Cisco DNA, EWC offers enterprise-class resiliency, security, and intelligence for single or multisite enterprise deployments.

Resilient	Secure	Intelligent
Service maintenance updates and built-in redundancy with an active and standby controller ensures your Wi-Fi network is always on.	With features like rogue detection, classification containment, and more, your network's integrity is protected.	Automated provisioning and deeper telemetry data collection for actionable insights. When paired with Cisco DNA, your network works for you by providing enhanced analytics for better efficiency.

Key benefits

Low-cost "set-it-and-forget-it" solution

With EWC, you get an affordable Cisco enterprise-class wireless solution that has no physical controller cost and includes best practices enabled by default. This allows you to focus on achieving your business outcomes rather than worrying about the network.

Easy deployment and simplified management

- Deploy in minutes using our mobile app
- Provision and extend via the mobile app
- Simplified dashboard in the mobile app to monitor, manage, and modify

Always-on Wi-Fi

- Active and standby EWC access points for network redundancy and minimum downtime
- Seamless software updates for quick fixes on bugs and fast rollout of new access points with no network interruptions

Safe, self-healing, and self-optimizing Wi-Fi

- Secure your devices, air, and network with Cisco CleanAir®, Spectrum Intelligence, rouge detection, and mitigation
- Protect the employee and guest networks with robust 802.1X security, DNS, and Walled Garden
- Defend user and Internet of Things (IoT) devices with Cisco Umbrella™ and Identity PSK

Intelligent

- Plug-n-play, automation, and assurance via Cisco® DNA Center
- Streaming telemetry data and intelligent captures for network visibility and business insights

Manage single-site or multisite deployments while optimizing the user experience

Control and prioritize the applications in your network with Cisco Application Visibility and Control. Optimize the Wi-Fi experience for iOS devices and business applications as a result of the Apple and Cisco partnership. Set up, troubleshoot, and manage single or multiple sites with a mobile app, WebUI, Cisco Prime®, or Cisco DNA Center.

Secure, self-healing, and self-optimizing

Mobility Express helps secure your devices, air, and network. Protect the employee and guest networks with robust 802.1X security and Authentication, Authorization, and Accounting (AAA). Defend user and Internet of Things (IoT) devices with Cisco Umbrella™ and Identity PSK. Safeguard the air with Cisco CleanAir®, ClientLink, and Spectrum Intelligence. The end result: safe, self-healing, and self-optimizing Wi-Fi.

Best-in-class guest and user engagement experience

Offer flexible guest onboarding options with built-in internal or external guest splash pages and authentication options, including social login integration. Seamless integration with Cisco DNA Spaces helps you gain insights and drive engagement with customers.

### Flexible and scalable with investment protection

Start with the right number of access points for your organization. Then simply add more as your Wi-Fi coverage and capacity needs expand. Reuse the same access points and connect them to a physical controller if needed to allow a switch to a controller-based network. Use Cisco DNA Center to manage multiple Mobility Express Wi-Fi sites for your distributed enterprises.

Deployment use cases

Embedded Wireless Controller
Designed for single-site or multisite small to medium-size enterprises

Mobile app or WebUI
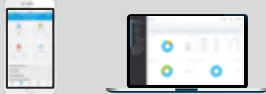
Cisco® DNA Center

Policy · Automation · Assurance · Security · ISE · CMX

Single office

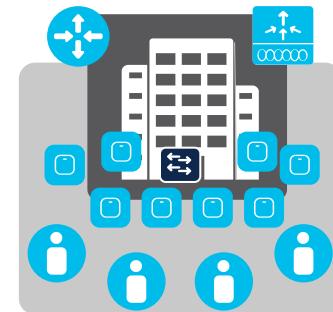Embedded Wireless Controller

Distributed office

Embedded Wireless Controller

Distributed enterprise

Embedded Wireless Controller in branch

Catalyst Wireless Controller in campus

Which EWC access points to choose

Wi-Fi 6 deployment made simple

50 APs

1000 clients

Catalyst C9115 EWC

Catalyst C9117 EWC

100 APs

2000 clients

Catalyst C9120 EWC

Catalyst C9130 EWC

How to order Mobility Express access points

The C suffix in the part number denotes the Mobility Express image

Product family	SKUs
Cisco Catalyst 9115 Series Access Point (internal and external antenna options)	C9115AXI-EWC-x C9115AXE-EWC-x
Cisco Catalyst 9117 Series Access Point (internal antenna options only)	C9117AXI-EWC-x
Cisco Catalyst 9120 Series Access Point (Internal and external antenna options)	C9120AXI-EWC-x C9120AXE-EWC-x
Cisco Catalyst 9130 Series Access Point (Internal and external antenna options)	C9130AXI-EWC-x C9130AXE-EWC-x