

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9800-L-F-K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9800-L-F-K9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

200+ Countries Sold	18,000+ Customers Trusted	\$20M Inventory Available	1-Year Warranty Support
------------------------	------------------------------	------------------------------	----------------------------

Need Price or Availability?

View product details, check stock, or request a fast quotation from Layer23-Switch.

View Product Page & Request a Quote



C9800-L-F-K9 Datasheet

The Cisco C9800-L-F-K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9800-L-F-K9 and integrate it into enterprise or service provider networks with confidence.

[Read More](#) | [Quote](#)

Key Features

Resilient always-on architecture

Supports seamless software upgrades with In-Service Software Upgrade (ISSU), stateful switchover, and N+1 redundancy to ensure nonstop wireless operations.

Advanced network security

Provides Secure Boot, image signing, runtime defenses, Encrypted Traffic Analytics, and WPA3, making the controller a strong first line of defense.

Open programmability

Built on Cisco IOS XE with model-driven telemetry, RESTCONF/NETCONF APIs, and YANG models, simplifying automation and multi-vendor integration.

Intelligent RF management

Integrates Cisco RF excellence with Wi-Fi 6 readiness tools and advanced analytics in DNA Center for proactive optimization and user experience improvement.

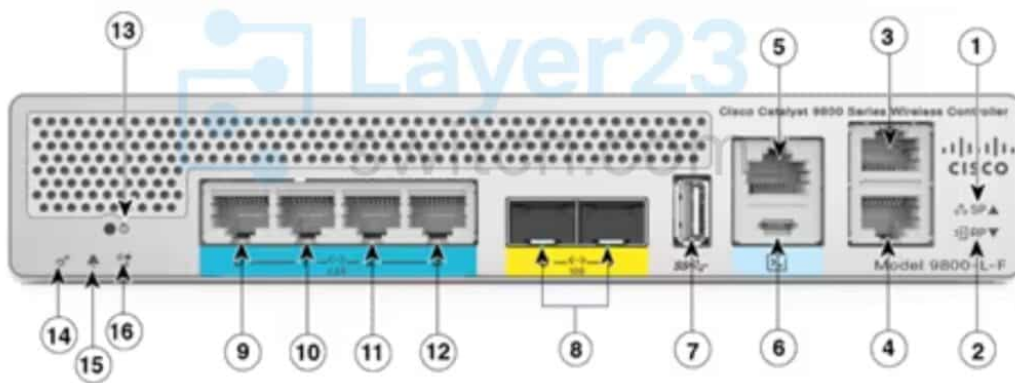
Flexible deployment

Supports centralized campus mode, Cisco FlexConnect for branch sites, and fabric integration for intent-based networking across distributed locations.

Scalable performance

Base support of 250 APs/5,000 clients, expandable to 500 APs/10,000 clients with Performance License, ensuring investment protection as demand grows.

C9800-L-F-K9 Front View



Label	Description
1	Service port LED
2	Redundancy port LED
3	Service Port (SP) (RJ-45) for out-of-band management
4	Redundancy port
5	RJ-45 console port
6	Micro-B USB console
7	USB 3.0 port
8	2x 10G/Multigigabit fiber
9-12	Quad RJ-45 2.5G/1G Multigigabit Ethernet ports
13	Reset button
14	System LED
15	Alarm LED

16	High availability LED
----	-----------------------

Specification

Parameter	Specification	Parameter	Specification
Model	Cisco Catalyst C9800-L-F-K9	Form Factor	Fixed, compact WLC; half-width 1RU
Operating System	Cisco IOS XE	Deployment Modes	Centralized, FlexConnect, Fabric
Max Access Points	250 (500 with Performance license)	Max Clients	5,000 (10,000 with Performance license)
Throughput	5 Gbps (10 Gbps with Performance license)*	WLANS/VLANS	4,096 / 4,096
Uplinks	2× 10G/Multigigabit SFP+ fiber	Additional Data Ports	4× 2.5G/1G copper
Management	RJ-45 mgmt (service), RJ-45 redundancy	Console/USB	RJ-45 console, Micro-USB console, USB 3.0
Supported APs	Aironet 802.11ac W1/W2; Catalyst 9100 802.11ax	Security	Secure Boot, image signing, integrity verification
Automation	Open APIs, model-driven telemetry	HA	SSO; seamless software updates/patching
Power Supply	110W, 12V DC via external AC/DC adapter	Max Power	84.5W (assumes 2×2.5W SFP + 4.5W USB)
Dimensions (W×D×H)	8.5 × 9.06 × 1.58 in (21.59 × 23.01 × 4.02 cm)	Weight	4.01 lb (1.82 kg)
Environment (operating)	0–40°C; 5–95% RH noncondensing	Power Input	100–240 VAC; 47–63 Hz (adapter input)
Heat Dissipation	288.2 Btu/hr (assumes 2×2.5W SFP + 4.5W USB)	Sound (typ/max)	40 dBA @25°C / 42.9 dBA @40°C

Want to Buy

[Order Now](#) [Get a Quote](#)

Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

200+

Countries we Sold

18,000+

Customers Trusted

\$20,000,000

Inventory Available

50%-98%

Off Global List Price

100%

Safe Online Shopping

Contact Us

- WhatsApp: [+8617181189993](https://wa.me/+8617181189993)
- Wechat: [layer23-switch](https://www.wechat.com/p/layer23-switch)
- Telegram: [layer23_switch](https://t.me/layer23_switch)
- Email: sales@layer23-switch.com

Need Price and Availability for C9800-L-F-K9?

View product details, request a quote, or check current stock from Layer23-Switch.

View Product Details & Request a Quote