

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

C9800-40-K9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	C9800-40-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



C9800-40-K9 Datasheet

The Cisco C9800-40-K9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9800-40-K9 and integrate it into enterprise or service provider networks with confidence.

[Read More | Quote](#)

Key Features

Enterprise-scale performance

Handles up to 2000 access points and 32,000 clients with 40 Gbps throughput, making it ideal for large campuses and enterprise headquarters.

Always-on resiliency

Provides nonstop connectivity with In-Service Software Upgrade (ISSU), hot and cold patching, and 1:1 Stateful Switchover, minimizing downtime during upgrades or failures.

Comprehensive security

Incorporates Secure Boot, Cisco Trust Anchor, WPA3, Encrypted Traffic Analytics, and integrated wireless intrusion prevention to protect devices, users, and data traffic.

Programmability and automation

Cisco IOS XE delivers model-driven telemetry, open APIs (NETCONF/RESTCONF), and YANG models, simplifying automation and integration with Cisco DNA Center.

Advanced visibility and assurance

Features Wi-Fi 6 readiness dashboards, application recognition (NBAR2), and granular QoS policies, helping IT teams optimize performance and user experience.

Flexible deployment models

Supports centralized mode, Cisco FlexConnect for branch offices, and Fabric Wireless (SD-Access), enabling consistent policies across diverse enterprise environments.

C9800-40-K9 Front View

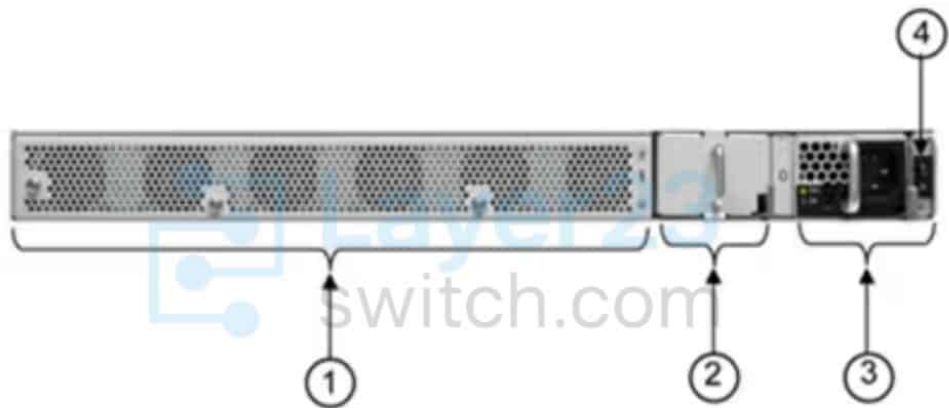


Label	Component
1	PWR: Power LED
2	SYS: System LED
3	ALM: Alarm LED
4	HA: High-availability LED
5	CON: RJ-45 compatible console port
6	EN: USB console-enabled LED
7	CON: Mini USB console port
8	USB ports 0 and 1
9	SP: RJ-45 10/100/1000 management Ethernet port
10	RP: RJ-45 10/100/1000 redundancy Ethernet port
11	RP: 1 GE SFP port (the only SFPs supported on the RP port are GLC-SX-MMD and GLC-LH-SMD)

12	LINK: RJ-45 connector LED
13	SSD: SSD activity LED
14	TE0: 1 GE SFP/10 GE SFP+ port 0
15	TE1: 1 GE SFP/10 GE SFP+ port 1
16	TE2: 1 GE SFP/10 GE SFP+ port 2
17	TE3: 1 GE SFP/10 GE SFP+ port 3

C9800-40-K9 Rear View

Label	Component
1	Fans
2	Optional redundant power supply (PEM 1)
3	Power supply (PEM 0)
4	Power/standby switch



Specification

Parameter	Specification	Parameter	Specification
Model	Cisco Catalyst C9800-40-K9	Form Factor	1RU fixed rack-mount wireless LAN controller
Operating System	Cisco IOS XE (Catalyst 9800 software)	Deployment Modes	Centralized, FlexConnect, Fabric Wireless (SD-Access)
Max Access Points	Up to 2000	Max Clients	Up to 32,000
Data Plane Throughput	Up to 40 Gbps	WLANs / VLANs	4096 / 4096
Uplink Interfaces	4 × 10G SFP+ (backbone/uplink)	Additional Interfaces	1 × 1G SFP (where applicable)
Management	RJ-45 management (out-of-band), WebUI/CLI/NETCONF/RESTCONF/SNMP	Redundancy	1:1 SSO, N+1 high availability
Console	RJ-45 console, Mini-USB console	USB	USB 3.0 (image/logs/tech-support)
Programmability	Open APIs, YANG models, model-driven telemetry	Assurance	DNA Center integration, analytics, Wi-Fi 6 readiness insights
Security	Secure Boot, image signing, integrity verification, Trust Anchor	WLAN Security	WPA3/WPA2, 802.1X, RADIUS/TACACS
Visibility & QoS	NBAR2, Flexible NetFlow, granular QoS policies	Interoperability	Aironet 802.11ac Wave 1/2, Catalyst 9100 (802.11ax)
Power Supply	AC PSU (supports optional redundant AC)	Max Power Consumption	Platform maximum per datasheet
Dimensions	1RU; standard 19-inch rack width	Weight	Per official datasheet
Environment (Operating)	Typical 0–40°C; humidity non-condensing (datasheet exact)	Compliance	Safety/EMC per regional standards (datasheet list)
Licensing	Smart Licensing; Cisco DNA Essentials/Advantage	Software Requirements	Per datasheet recommended IOS XE release
High Availability Features	ISSU, hot/cold patching, stateful switchover	Monitoring	Streaming telemetry, syslog, SNMP
Use Case Scale	Large campus, hospitals, government, education	Mounting	Rack-mount kit (as ordered)
Accessories	Transceivers, DAC/AOC cables, rack-mount brackets	Warranty	Per Cisco hardware warranty terms

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](#)
- Wechat: [layer23-switch](#)
- Telegram: [layer23_switch](#)
- Email: sales@layer23-switch.com

Need Price and Availability for C9800-40-K9?

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

[View Product Details & Request a Quote](#)