

CISCO · SWITCHES

C9800-40-K9

2000 APs · 4x10G/1G SFP+ Data Ports · 1RU 40 Gbps Wireless Controller

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	C9800-40-K9
Category	Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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The C9800-40-K9 is a Cisco Catalyst 9800-40 Wireless Controller, a fixed 1RU appliance that runs Cisco IOS XE for enterprise campus WLANs. The controller manages up to 2000 access points and 32,000 clients at up to 40 Gbps through four 10G/1G SFP+/SFP data ports, with a maximum power draw of 381W.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	C9800-40-K9	Controller model	Cisco Catalyst 9800-40 Wireless Controller
Rack units	1RU	Operating system	Cisco IOS XE
Minimum software release	Cisco IOS XE Software Release 16.10.1	Deployment modes	Centralized, Cisco FlexConnect, and Fabric Wireless (SD-Access)
Maximum number of access points	Up to 2000	Maximum number of clients	32,000
Maximum throughput	Up to 40 Gbps	Maximum WLANs	4096
VLAN IDs	4096	Maximum site tags	2000
Maximum flex APs per site	100	Maximum policy tags	2000
Maximum RF tags	2000	Maximum RF profiles	4000
Maximum policy profiles	1000	Maximum flex profiles	2000
Data ports	4x 1G SFP/10G SFP+ (TE0 to TE3), 10G or 1G mode; 10/100 Mbps not supported	Management port	1x RJ-45 10/100/1000 service port
Redundancy ports	1x RJ-45 10/100/1000 and 1x 1G SFP for SSO (GLC-SX-MMD or GLC-LH-SMD only)	Console port	1x RJ-45 console and 1x mini USB console
USB port	2x USB 3.0 for external memory	SSD storage	240 GB SATA SSD
DRAM	Up to 32 GB DDR3 with error-correcting code	Bootflash	32 GB internal
Crypto processing	Up to 30 Gbps on a dedicated security processor	TCAM	80 Mb
Supported SFP modules	GLC-BX-D, GLC-BX-U, GLC-LH-SMD, GLC-SX-MMD, GLC-EX-SMD, GLC-ZX-SMD, GLC-TE	Supported SFP+ modules	SFP-10G-AOC1M/2M/3M/5M/7M/10M, SFP-10G-SR/SR-S/SR-X, SFP-10G-LR/LRM/LR-X, SFP-10G-ER, SFP-10G-ZR, SFP-H10GB-CU1M/1.5M/2M/2.5M/3M/5M, SFP-H10GB-ACU7M/ACU10M, DWDM-SFP10G-30.33 to DWDM-SFP10G-61.41
Access points	Aironet 802.11ac Wave 1 and Wave 2 access points, Cisco Catalyst 9100 802.11ax access points	Wireless standards	IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11e, 802.11h, 802.11n, 802.11k, 802.11r, 802.11u, 802.11w, 802.11ac Wave 1 and Wave 2, 802.11ax

Management	Cisco DNA Center, Cisco Prime Infrastructure, integrated WebUI, and open standards APIs	Interoperability	AireOS-based controllers
Policy engine	Cisco Identity Services Engine (ISE)	Location platform	Cisco Connected Mobile Experiences (CMX), Cisco Spaces
High availability	SSO with 1:1 active standby and N+1 redundancy; ISSU; SMU hot and cold patching	License	Smart License enabled; Cisco DNA subscription required for each access point
Power supply	AC PEM 0 with optional redundant AC PEM 1, hot-swappable	AC input	90 to 264 VAC, 47 to 63 Hz
Maximum power consumption	381W	Heat dissipation	1,300 BTU/hr
Airflow	Front-to-rear	Fan modules	Six internal fans
Sound power level	74.1 dBA at 27°C nominal operation	Operating temperature	0°C to 40°C (32°F to 104°F) normal; 0°C to 50°C (32°F to 122°F) short term
Storage temperature	-40 to 65°C	Operating humidity	10 to 90% noncondensing nominal; 5 to 90% noncondensing short term
Operating altitude	0 to 3000 m (0 to 10,000 ft)	Nonoperating altitude	0 to 12,192 m (0 to 40,000 ft)
Dimensions (H x W x D)	17.3 x 19.5 x 1.72 in (43.94 x 49.53 x 4.37 cm)	Weight	10.34 kg (22.8 lb)
Safety certifications	UL/CSA 60950-1, IEC/EN 60950-1, AS/NZS 60950.1, CAN/CSA-C22.2 No. 60950-1	EMC emissions	Class A: FCC 47CFR15, AS/NZS CISPR 22, CISPR 22, EN55022/EN55032, ICES-003, VCCI, KN 32, CNS-13438

Get Price and Availability for C9800-40-K9

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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