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PRODUCT DATASHEET
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CISCO WLAN CONTROLLER

CW9800L

500 AP / 10,000 Client Capacity · 2x1/10G SFP+ Uplinks · Compact 1RU Wireless Controller

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



Product Model	**CW9800L**
Category	**Cisco WLAN Controller**
Condition	**New, factory-sealed**
Warranty	**3-year LSCare warranty**
Supplier	**Layer23-Switch** · www.layer23-switch.com

Scan for price and stock

200+	18,000+	US$9M+	3-Year
Countries Served	Customers Worldwide	Ready-Stock Inventory	Warranty



CISCO WLAN CONTROLLER

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500 AP / 10,000 Client Capacity · 2x1/10G SFP+ Uplinks · Compact 1RU Wireless Controller

The CW9800L is a Cisco Catalyst CW9800 Series compact wireless controller for campus equipment rooms and branch head-ends that run Cisco IOS XE. The 1RU controller manages up to 500 access points and 10,000 clients at up to 10 Gbps of throughput through two 1G/10G SFP+ uplinks.

New, factory-sealed · 3-year LSCare warranty · 14-day returns · Cisco SN check before shipment

Specifications

Product ID	CW9800L	**AP license requirement**	One Cisco DNA or Cisco Networking Subscription per joining AP
Uplink ports	2x 1G/10G SFP+	**Supported 1G optics**	GLC-TE, GLC-LH-SMD, GLC-SX-MMD
Supported 10G modules	SFP-10G-SR, SFP-10G-SR-S, SFP-10G-SR-I, SFP-10G-LR, SFP-10G-LR-S, SFP-10G-BXD-I, SFP-10G-BXU-I, SFP-H10GB-CU2.5M/3M/5M, SFP-H10GB-ACU7M/10M, SFP-10G-AOC series (1 m to 10 m)	**Supported AP generations**	Wi-Fi 5 Wave 2, Wi-Fi 6/6E, Wi-Fi 7; Standard Power with AFC where available
Maximum throughput	10 Gbps	**Processor**	Intel Icelake-D LCC, 8 cores, 2 GHz
Access point capacity	Up to 500 APs	**Client capacity**	Up to 10,000 clients
Product role	Compact wireless controller, Cisco Catalyst CW9800 family	**WLANs**	4096
Site tags	250	**FlexConnect APs per site**	400
Policy tags	4096	**RF tags**	250
RF profiles	500	**Policy profiles**	4096
Flex profiles	250	**Wireless standards**	802.11a/b/g/d/e/h/n/k/r/u/w, 802.11ac Wave 1 and Wave 2, 802.11ax, 802.11be
Deployment modes	Centralized, Cisco FlexConnect, SD-Access fabric wireless	**Security**	WPA3, Secure Boot, image signing, run-time defenses, Trust Anchor module, Encrypted Traffic Analytics, aWIPS
Application hosting storage	CW-ACC-MEM-32G 32 GB option, order-time configuration only	**Catalyst Center release**	Cisco Catalyst Center 2.3.7.10
VLANs	4096	**Redundancy port**	1x RJ-45 RP port for SSO pairing
High availability	1:1 SSO, N+1 redundancy, ISSU, SMU hot patching, rolling AP upgrade	**Management port**	1x RJ-45 service port
Console ports	1x RJ-45 console, 1x Micro USB console	**USB port**	1x USB 3.0 Type-C for external storage
Management	WebUI, Cisco Catalyst Center, NETCONF/YANG, RESTCONF, model-driven telemetry, Cloud Monitoring via Meraki dashboard	**Software features**	Application hosting (Cisco IOx), User Defined Network Plus, Flexible NetFlow, NBAR2, QoS per BSSID and per client

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Minimum software release	Cisco IOS XE 17.18.2	**Default power supply**	C9800-AC-110W 110W AC adapter, 100-240 VAC input
Redundant power option	CW9800L-RPS= kit; PWR-RPS-DC1= spare module	**Maximum power consumption**	90W including 4.5W USB load
Heat dissipation	307.2 BTU/hr	**Acoustic sound power**	29.5 dBA up to 25.6°C; 37.4 dBA at 26-39°C; 43.8 dBA at 40-49°C; 47.3 dBA at 50°C and above
Rack units	1RU	**Rack-mount accessories**	CW9800L-RMNT tray (two units per RU), CW9800L-RMNT-R rear bracket
Dimensions (W x D x H)	216 x 234.7 x 40.2 mm (8.5 x 9.24 x 1.58 in)	**Operating temperature**	0 to 40°C
Storage temperature	-25 to 70°C	**Operating humidity**	5 to 95% noncondensing
Operating altitude	Up to 3048 m at 30°C		

Get Price and Availability for CW9800L

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.

Request a Quote

View Product Page

Email sales@layer23-switch.com WhatsApp +86 171 8118 9993 WeChat layer23-switch Telegram @layer23_switch

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