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PRODUCT DATASHEET
Revised October 2026

CISCO WLAN CONTROLLER

CW9800H2

8x10G SFP+ & 2x40G QSFP+ Uplinks · 6000 AP Wireless Controller · 100 Gbps Throughput

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



Product Model	**CW9800H2**
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

CW9800H2

8x10G SFP+ & 2x40G QSFP+ Uplinks · 6000 AP Wireless Controller · 100 Gbps Throughput

The CW9800H2 is a Cisco Catalyst CW9800 Series 1RU wireless controller appliance that anchors campus and multi-building WLANs of Wi-Fi 5 Wave 2, Wi-Fi 6/6E and Wi-Fi 7 access points. The appliance supports up to 6,000 access points, 64,000 clients and 100 Gbps of throughput through 8x 1/10G SFP+ ports and 2x 40G QSFP+ ports, and runs on one of its two hot-swappable power modules at a 500W maximum.

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

Specifications

Product ID	CW9800H2	**Uplink ports**	8x 1/10G SFP+ plus 2x 40G QSFP+, hot-swappable (OIR)
Wi-Fi generations supported	Wi-Fi 5 Wave 2, Wi-Fi 6/6E, Wi-Fi 7; Standard Power with AFC where applicable	**Supported 40G optics**	QSFP-40G-SR4/SR4-S, QSFP-40G-CSR4, QSFP-40G-LR4/LR4-S, QSFP-40G-ER4, QSFP-40G-SR-BD, QSFP-40G-BD-RX, QSFP-H40G-CU 0.5-5 m, QSFP-H40G-ACU7M/10M, QSFP-H40G-AOC 1-30 m
Supported 1G/10G optics	GLC-BX-D/U, GLC-EX-SMD, GLC-LH-SMD, GLC-SX-MMD, GLC-TE, GLC-ZX-SMD; SFP-10G-SR/SR-S/SR-I, SFP-10G-LR/LR-S/LR-I/LR-X, SFP-10G-ER, SFP-10G-ZR-I, SFP-10G-CSR-S, SFP-10G-BXD-I/BXU-I, SFP-10G-AOC, SFP-H10GB-CU/ACU, SFP-10G-T-X (from IOS XE 17.18.3)	**Maximum throughput**	100 Gbps
Access point capacity	Up to 6,000 access points	**Client capacity**	Up to 64,000 clients
Product role	Cisco Catalyst CW9800 large wireless controller, 1RU appliance	**WLANs**	4,096
Site tags	6,000	**Policy tags**	6,000
RF tags	6,000	**RF profiles**	12,000
Policy profiles	1,000	**Flex profiles**	6,000
FlexConnect APs per site	300	**Wireless standards**	802.11a/b/g/d/e (WMM)/h/n/k/r/u/w, 802.11ac Wave 1/Wave 2, 802.11ax, 802.11be
Deployment modes	Centralized, Cisco FlexConnect, SD-Access fabric wireless	**Security**	WPA3, Secure Boot, image signing, Trust Anchor module, hardware crypto offload, Encrypted Traffic Analytics, aWIPS
AP licensing	Per-AP Cisco DNA or Cisco Networking Subscription (LIC-CW-E / LIC-CW-A); unified licensing requires IOS XE 17.15.x or later	**Storage**	240 GB SATA SSD
VLANs	4,096	**Redundancy ports**	1x RJ-45 plus 1x 10G SFP for SSO

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High availability	1:1 SSO active-standby, N+1 redundancy, ISSU, SMU hot patching, rolling AP upgrade	**Management interfaces**	1x RJ-45 console, 1x USB 3.0 console, 2x USB 3.0 for external storage, 1x RJ-45 service port
Management	WebUI, Cisco Catalyst Center, NETCONF/YANG, RESTCONF, model-driven telemetry, Cloud Monitoring via Meraki dashboard	**Minimum software release**	Cisco IOS XE 17.14.1
Power supplies	Dual hot-swappable power entry modules, AC or DC factory-configured; runs on a single module	**Power supply spares**	PWR-CH1-750ACR (750W AC), PWR-CH1-950WDCR (950W DC)
Maximum power consumption	500W	**Cooling**	4 built-in fans, front-to-back airflow
Heat dissipation	1706 BTU/hr	**Acoustic noise**	73 dBA sound power, normal operation
Rear rack mount kit	C8500-4PT-KIT=	**Dimensions (W x D x H)**	44.45 x 50.47 x 4.39 cm
Operating temperature	0 to 40°C, short-term 0 to 50°C	**Operating humidity**	10 to 90%
Operating altitude	0 to 3000 m		

Get Price and Availability for CW9800H2

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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