

CISCO · CATALYST 9500 SWITCHES

C9500-24X-A

24x10G SFP/SFP+ Ports · Fixed 8x10G Module · Network Advantage

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



Product Model	C9500-24X-A
Category	Catalyst 9500 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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3-Year

Warranty



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The C9500-24X-A is a Cisco Catalyst 9500 Series fixed core and aggregation switch with Network Advantage for campus distribution blocks that run 10G fiber. The switch has 24 1/10G SFP/SFP+ ports (16 fixed plus the 8-port C9500-NM-8X module), 480 Gbps of switching capacity, 360 Mpps of forwarding and 64,000 MAC addresses.

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

Ordering note C9500-24X-A is ordered with a mandatory 3-year Cisco DNA Advantage subscription (C9500-DNA-A). We include it in your quote.

Specifications

Product ID	C9500-24X-A	Switch platform	Cisco Catalyst 9500 Series low-port-density hardware profile
Order scope	16-port 10G switch with 8 x 10GE Network Module	Network license	Network Advantage
Base port configuration	16 x 1/10G SFP/SFP+ ports	Bundled network module	C9500-NM-8X 8-port 1/10G SFP/SFP+ module
Total 10G port density	24 x 1/10G SFP/SFP+ ports with uplink module	Supported network modules	C9500-NM-8X and C9500-NM-2Q on Catalyst 9500 low-port-density switches
Module-bay requirement	Network module or blank module installed	ASIC	UADP 2.0
Switching capacity	Up to 480 Gbps	Forwarding rate	Up to 360 Mpps
DRAM	16 GB	Flash	16 GB
MAC addresses	Up to 64,000	IPv4 indirect routes	Up to 64,000
IPv4 host routes	Up to 80,000	IPv6 indirect routes	Up to 32,000
IPv6 host routes	Up to 40,000	IPv4 multicast routes	Up to 32,000
IPv6 multicast routes	Up to 16,000	VLAN IDs	4,094
Jumbo frames	9,198 bytes	Default power supply	PWR-C4-950WAC-R 950W AC
Supported power supplies	PWR-C4-950WAC-R and PWR-C4-950WDC-R	Redundant power supply	PWR-C4-950WAC-R/2 redundant AC supply option
Power input range	90 to 264 VAC, 47 to 63 Hz	Power input receptacle	AC IEC 60320 C16
Power cord rating	AC 15A	BTU/hr with 10G module	941 BTU/hr with PWR-C4-950WAC-R
Fan modules	FAN-T4-R, up to five fans	Airflow	Front-to-back cooling
Rack units	1 RU	Dimensions	1.73 x 17.5 x 21.52 in. (4.39 x 44.45 x 54.66 cm)

Weight	10.7 kg (23.6 lb) with two power supplies and built-in fan	Operating temperature	0°C to 40°C (32°F to 104°F)
Operating altitude	Up to 10,000 ft at 40°C	Storage temperature	-20°C to 65°C (-4°F to 149°F)
Relative humidity	5% to 90% operating, 5% to 95% nonoperating and storage	Minimum software release	Cisco IOS XE 16.8.1
MTBF	315,790 hours	Safety certifications	UL 60950-1, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, IEC 60950-1, AS/NZS 60950-1, GB4943
EMC certifications	47 CFR Part 15 Class A, EN 300 386, EN 55032 Class A, CISPR 32 Class A		

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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Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

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