

CISCO · CATALYST 9500 SWITCHES

C9500X-28C8D-E

28x40/100G QSFP28 · 8x400G QSFP-DD

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



Product Model	C9500X-28C8D-E
Category	Catalyst 9500 Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Warranty



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C9500X-28C8D-E**28x40/100G QSFP28 · 8x400G QSFP-DD**

The C9500X-28C8D-E is a Cisco Catalyst 9500X Series fixed core and aggregation switch for campus core and data center spine layers. The switch has 28 40/100G QSFP28 ports, 8 40/100/200/400G QSFP-DD ports, 12 Tbps of switching capacity and 8 Bpps of forwarding rate in a 1RU chassis, and the -E suffix carries Network Essentials.

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

Ordering note C9500X-28C8D-E is ordered with a mandatory 3-year Cisco DNA Essentials subscription (C9500-DNA-E). We include it in your quote.

Specifications

Product ID	C9500X-28C8D-E	Product type	Fixed core and aggregation switch
Network license	Network Essentials	ASIC	Cisco Silicon One Q200
QSFP28 ports	28 x 40G/100G QSFP28	QSFP-DD ports	8 x 40G/100G/200G/400G QSFP-DD
10G QSA support	Supported on QSFP28 and QSFP-DD ports	Breakout support	Odd-numbered QSFP28 ports and all QSFP-DD ports
Network modules	C9500-NM-8X and C9500-NM-2Q are not supported on C9500X-28C8D	Switching capacity	Up to 12 Tbps
Forwarding rate	8 Bpps	CPU	Intel 2.3-GHz x86 CPU with 8 cores
DRAM	32 GB	Flash	32 GB
SSD storage options	240 GB, 480 GB, and 960 GB Catalyst 9500X pluggable SSD options	Power supply slots	2 slots
Power supply options	C9K-PWR-1500WAC, C9K-PWR-1500WDC	AC input voltage	90 to 264 VAC, 47 to 63 Hz with C9K-PWR-1500WAC
DC input voltage	-40 to -72 VDC with C9K-PWR-1500WDC	Fan modules	6 field-replaceable variable-speed fan units
Airflow options	C9500X-FAN-1U-R or C9500X-FAN-1U-F; all six fan units must use the same airflow type	Rack units	1 RU
Dimensions	1.73 x 17.5 x 21.8 in. (4.39 x 44.45 x 55.37 cm)	Weight	13.28 kg (29.27 lb), chassis with 2 power supplies and built-in fan
BTU output	4,034 BTU/hr with AC or DC PSU	MTBF	123,950 hours
Minimum software release	Cisco IOS XE Cupertino 17.7.1	Cisco ordering description	Catalyst 9500 28x100G + 8x400G switch, NW Essentials License

Optional Add-ons

Add-on	Cisco PID	Purpose
Power Supply / Fan	C9K-PWR-1500WAC	1500W AC PSU - Catalyst 9500X - Platinum Rated
Power Supply / Fan	C9K-PWR-1500WDC	1500W DC PSU - Catalyst 9500X - Hot-Swappable FRU
Optics	QSFP-40G-SR4-S	40G SR4 S-Class QSFP - MPO-12 MMF - No Breakout
Optics	QSFP-100G-SR4-S	100G SR4 QSFP - MPO-12 MMF - 100m OM4

Get Price and Availability for C9500X-28C8D-E

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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