

CISCO · MDS 9100 SERIES SWITCHES

DS-C9148T-24EK9

24x32G FC Ports · 48-Port 1RU Chassis · Exhaust SAN Switch

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



Product Model	DS-C9148T-24EK9
Category	MDS 9100 Series Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



Scan for price and stock

200+

Countries Served

18,000+

Customers Worldwide

US\$9M+

Ready-Stock Inventory

3-Year

Warranty



CISCO · MDS 9100 SERIES SWITCHES

DS-C9148T-24EK9

24x32G FC Ports · 48-Port 1RU Chassis · Exhaust SAN Switch

DS-C9148T-24EK9 is a Cisco MDS 9148T 32G Fibre Channel SAN switch order for Fibre Channel storage fabrics that need a compact 1RU fixed switch with 24 active ports at purchase and expansion headroom on a 48-port SFP+ chassis.

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

Specifications

Product ID	DS-C9148T-24EK9	Product compatibility	Cisco MDS 9000 Family
Product type	32G Fibre Channel SAN switch	Order configuration	24 active FC ports, 4 fans, 2 PSUs, port-side exhaust airflow
Form factor	1RU fixed-switch form factor	Fibre Channel ports	48 SFP+ ports base
Active ports at order	24 active FC ports	Port activation license	M9148T-PL8 8-port upgrade license
Maximum active ports	48 active FC ports	Fibre Channel speed support	4, 8, 16, and 32 Gbps autosensing
Dedicated bandwidth per port	32 Gbps	Aggregate bandwidth	1.5 Tbps end-to-end full duplex
Port groups	3 port groups of 16 ports each	Buffer credits	Up to 8300 for a group of 16 ports, 500 default per port, 8270 maximum for a single port in the group
Port channel support	Up to 16 load-balanced physical links in one port channel	Fibre Channel port types	E, F, B, SD, ST, NP, and TE
FC-NVMe support	FC-NVMe listed in the protocol support	Fabric services	Name server, RSCN, login services, FCS, broadcast, and in-order delivery
Advanced functions	VSAN, NPV, IVR, port channel with multipath load balancing, and flow- and zone-based QoS	Security functions	VSAN isolation, hardware zoning ACLs, FC-SP, RBAC, SFTP, SSHv2, SNMPv3, control-plane security, TrustSec payload encryption, secure boot, and anti-counterfeit technology
Diagnostics	POST, OHMS, internal loopbacks, SPAN, Fibre Channel traceroute, Fibre Channel ping, Fibre Channel debug, Cisco Fabric Analyzer, syslog, port-level statistics, link diagnostics, and read diagnostic parameter	High availability components	Hot-swappable dual redundant power supplies, hot-swappable fan module, and hot-swappable SFP+ optics
Management Ethernet ports	mgmt0 10/100/1000BASE-T and mgmt1 1/10G SFP+ port	Console and USB ports	RS-232 serial console port and USB power-on auto-provision port
Programmability	NX-API RESTful interfaces, onboard Python interpreter, Cisco DCNM web services API, EEM, and NX-OS scheduler	Minimum NX-OS release	Cisco MDS NX-OS 8.3(1) or later
Minimum Cisco DCNM release	Cisco DCNM 11(0) or later	Default power supply	DS-CAC-650W-E 650W AC port-side exhaust power supply; two supplies in the order configuration
AC input voltage	100 to 240 VAC, 10 percent range	AC input frequency	50 to 60 Hz nominal

Typical power without optics	217W for idle 48-port switch without optics modules	Typical power with 24 optics	251W for 48-port switch with 24 32G SW optics under typical conditions
Typical power with 48 optics	297W for 48-port switch with 48 32G SW optics under typical conditions	Airflow direction	Back to front toward ports using port-side exhaust fans
System airflow rate	50 CFM through system fan assembly at 77F (25C)	Maximum airflow rate	100 CFM maximum
Dimensions	1.72 x 17.3 x 22.3 in. (4.37 x 43.94 x 56.64 cm), excluding PSU and fan module handles	Operating temperature	32 to 104F (0 to 40C)
Operating relative humidity	10 to 90 percent noncondensing	Operating altitude	-197 to 6500 ft (-60 to 2000 m)
Supported FC optics	32G SW, 32G LW, 16G SW, 16G LW, 8G SW, and 8G LW optics listed	Included accessory kit	Cisco-specific MDS 9148T accessory kit shipped as standard

Get Price and Availability for DS-C9148T-24EK9

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](https://wa.me/8617181189993) WeChat [layer23-switch](https://www.whatsapp.com/channel/00253333333333333333) Telegram [@layer23_switch](https://t.me/layer23_switch)

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

Cisco and Cisco product names are trademarks of Cisco Systems, Inc. Specifications are summarized from manufacturer documentation for reference; confirm the exact configuration with Layer23-Switch before ordering. Revised October 2026.