

CISCO · SWITCHES

DS-C9148T-24IK9

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

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



Product Model	DS-C9148T-24IK9
Category	Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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DS-C9148T-24IK9 is a Cisco MDS 9148T 32G Fibre Channel SAN switch for access-layer storage networking, ordered with 24 active Fibre Channel ports on a 48-port 1RU chassis.

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

Specifications

Product ID	DS-C9148T-24IK9	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 intake 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-I 650W AC port-side intake 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	Front to back inward from ports using port-side intake 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) with exhaust and intake airflow variants
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-24IK9

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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