

CISCO DATA CENTER SWITCHES

DS-X9648-1536K9

48x 32G Fibre Channel Ports · Single Slot · MDS 9700 Switching Module

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



Product Model	DS-X9648-1536K9
Category	Cisco Data Center 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 DS-X9648-1536K9 is a Cisco MDS 9700 48-Port 32-Gbps Fibre Channel Switching Module for MDS 9700 Series director chassis. The module has 48 ports running 4/8, 4/8/16 and 8/16/32-Gbps autosensing Fibre Channel, with 500 buffer credits per port by default and up to 8270 on one port under an Enterprise license.

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

Specifications

Product ID	DS-X9648-1536K9	Cisco ordering description	MDS 9700 48-Port 32-Gbps Fibre Channel Switching Module
Total ports	48 Fibre Channel ports	Port speeds	4/8-Gbps, 4/8/16-Gbps and 8/16/32-Gbps autosensing Fibre Channel
Unsupported speed	2-Gbps Fibre Channel is not supported on the 32-Gbps module	Default buffer credits	500 per port
Enterprise license buffer credits	8300 shared among a single port group of 16 ports, with 8270 maximum credits per port	Port channel	Up to 16 ports
32-Gbps shortwave optics	LC SFP+ over 50/125-micron multimode, 70 m on OM3 and 100 m on OM4	32-Gbps longwave optics	LC SFP+ over 9/125-micron single mode, 10 km
16-Gbps shortwave optics	LC SFP+ over 50/125-micron multimode, 100 m on OM3 and 125 m on OM4	16-Gbps longwave optics	LC SFP+ over 9/125-micron single mode, 10 km
Serviceability	Nondisruptive software upgrades for Fibre Channel interfaces, Cisco Call Home, power-management LEDs, port beaconing, system LED, SNMP traps for alerts and network boot	Hot swap	Switching modules and SFP+ optics are hot-swappable on the MDS 9700 platform
Physical dimensions (H x W x D)	1.75 x 15.9 x 21.8 in. (4.4 x 40.39 x 55.37 cm)	Weight	7.94 kg (17.5 lb)
Fabric module requirement	A fully populated chassis with four of these cards requires a minimum of six Fabric-1 or three Fabric-3 modules	Comparison with the 16-Gbps card	The 48-Port 16-Gbps line card shares the same footprint at 7.71 kg (17 lb) and needs three fabric modules for four cards, with four for N+1 redundancy
Software compatibility	Cisco MDS NX-OS Software Release 8.1(1) or later for the module, with 8.4.1 or later for Supervisor-4 and Fabric-3 support	Relative humidity	10 to 95 percent nonoperating and storage
Operating altitude	-197 to 6500 ft (-60 to 2000m)	Regulatory compliance	CE Markings per directives 2004/108/EC and 2006/95/EC
Safety certifications	UL 60950-1 Second Edition, CAN/CSA-C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, AS/NZS 60950-1 and GB4943 2001	EMC certifications	47CFR Part 15 Class A, AS/NZS CISPR22 Class A, CISPR22 Class A, EN55022 Class A, ICES003 Class A, VCCI Class A, EN61000-3-2, EN61000-3-3, KN22 Class A, CNS13438 Class A, EN55024, CISPR24, EN300386 and KN24

Get Price and Availability for DS-X9648-1536K9

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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