

CISCO · SWITCHES

DS-C9220I-12PIK9

12x32G FC Ports · 6x IPS Ports · Intake SAN Switch

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



Product Model	DS-C9220I-12PIK9
Category	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 · SWITCHES

DS-C9220I-12PIK9

12x32G FC Ports · 6x IPS Ports · Intake SAN Switch

The DS-C9220I-12PIK9 is a Cisco MDS 9220i multiservice fabric switch for Fibre Channel SANs and FCIP storage links in racks that pull air in through the port side. The 1RU switch has 12 32G Fibre Channel ports, six IPS ports with 1/10/25/40 Gbps options, 384 Gbps of Fibre Channel forwarding capacity and two 500W AC power supplies.

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

Specifications

Product ID	DS-C9220I-12PIK9	Product type	Multiprotocol fixed SAN switch
Fibre Channel ports	12 x 32 Gbps line-rate Fibre Channel ports	Fibre Channel port speed	4, 8, 16, and 32 Gbps autosensing and optionally configurable
IPS ports	6 IPS ports with 1/10/25/40 Gbps speed options	PortChannel support	Up to 12 physical links
DCNM support	Cisco MDS 9000 NX-OS Release 11.5.1 or later for Cisco DCNM support	Transceiver support	Cisco-supported SFP, SFP+, or QSFP+ transceivers and cables
Fibre Channel forwarding capacity	384 Gbps	IPS forwarding capacity	80 Gbps
Extended buffer-to-buffer credits	Up to 8191 extended credits with 500 default credits	Product series	Cisco MDS 9200 Series Multiservice Switches
Order configuration	Advanced configuration with 12x FC and 6x IPS 1/10/25/40 Gbps	Comparable exhaust SKU	DS-C9220I-12PEK9
Comparable base intake SKU	DS-C9220I-4PIK9	IPS physical layout	3 x 1/10G IPS ports, 1 x 1/10/25G IPS port, 1 x 25G IPS port, and 1 x 40G IPS port
FCIP tunnels	Up to 3 per 1/10G port or 4 per 40G port	25G speed caveat	25G speed is not supported in Cisco MDS NX-OS Release 8.5(1)
Mainframe feature set	Mainframe feature set supported for Cisco MDS 9220i starting 9.4.1a and included in the base NX-OS software with 9.4.1a	Transceiver rule	Use only Cisco SFP, SFP+, or QSFP+ transceivers in Cisco MDS 9220i switches
Console port	RS-232 serial console port	USB port	USB port listed on the chassis component view
Management access	CLI, SNMPv3, DCNM, NX-API, Cisco MDS 9000 Family CLI, out-of-band Ethernet, serial console, and in-band IP over Fibre Channel	Management Ethernet port	1 x 10/100/1000 Mbps RJ45 Ethernet management port
Software compatibility	Cisco MDS 9000 NX-OS Release 8.5(1) or later	Included software package	Cisco MDS 9000 SAN Extension over IP Package included with the Cisco MDS 9220i switch
Optional software packages	Cisco MDS 9000 Family Enterprise Package and Cisco DCNM SAN Advanced license	Default power supply	DS-CAC-500W-I 500W AC port-side intake power supply; two supplies in the order configuration

Power supply options	Redundant hot-swappable power supplies	Intake PSU spare	DS-CAC-500W-I= listed as MDS 9100 500W AC PSU port-side intake and working with the 9220I switch
AC input voltage for 500W PSU	100 to 240 VAC	AC input frequency	50 to 60 Hz nominal
Maximum power consumption	280W maximum for the Cisco MDS 9220i Fabric Switch	Fan modules	Hot-swappable fan modules with integrated temperature and power management
Intake fan module spare	DS-C32S-FAN-I= listed for port-side intake airflow and working with the 9220I switch	Airflow	Port-side intake
Airflow matching rule	The direction of PSU airflow must match the direction of the fan module airflow	Heat dissipation	897 BTU/hr
Rack units	Fixed 1RU chassis	Dimensions	1.72 x 17.3 x 20.11 in. (4.36 x 43.94 x 51.07 cm) excluding PSU, fan module handles, and USB stick
Operating temperature	32 to 104F (0 to 40C)	Storage temperature	-40 to 158F (-40 to 70C)
Operating humidity	10 to 90 percent noncondensing	Storage humidity	10 to 95 percent noncondensing
Operating altitude	-197 to 6500 ft (-60 to 2000 m)		

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	SFP-10G-SR	10GBASE-SR SFP+ - 850nm MMF - 400m OM4
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	QSFP-40G-CSR4	40G CSR4 QSFP - MPO MMF - 300m OM3

Get Price and Availability for DS-C9220I-12PIK9

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 WeChat [layer23-switch](#) Telegram [@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.