

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

DS-C9148S-12PK9

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	DS-C9148S-12PK9
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

200+ Countries Sold	18,000+ Customers Trusted	\$20M Inventory Available	1-Year Warranty Support
-------------------------------	-------------------------------------	-------------------------------------	-----------------------------------

Need Price or Availability?

View product details, check stock, or request a fast quotation from Layer23-Switch.

[View Product Page & Request a Quote](#)



DS-C9148S-12PK9 Datasheet

The Cisco DS-C9148S-12PK9 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the DS-C9148S-12PK9 and integrate it into enterprise or service provider networks with confidence.

[Read More](#) | [Quote](#)

Key Features

High-Density Connectivity

Delivers up to 16-Gbps Fibre Channel line-rate performance per port to support dense virtualization platforms and flash storage arrays.

Pay-As-You-Grow Expansion

[Optional Capability] Expandable from 12 to 48 ports through incremental 12-port activation licenses, enabling capacity planning without swapping chassis.

Virtual SAN (VSAN) Integration

[Default Capability] Supports hardware-based VSANs, allowing the consolidation of separate physical SAN islands into a single physical infrastructure for secure, isolated tenant environments.

High Availability Architecture

Incorporates dual redundant power supplies, hot-swappable fan trays, and non-disruptive In-Service Software Upgrades (ISSU) to maintain structural uptime during maintenance.

Advanced Traffic Engineering

[Supported Capability] Traffic management can be enabled using features like Inter-VSAN Routing (IVR) and Quality of Service (QoS) to prioritize critical storage traffic.

Centralized Management

[Default Capability] Configurable via standard CLI or Cisco Data Center Network Manager (DCNM) for streamlined SAN administration and fabric monitoring.

Specification

Parameter	Details	Parameter	Details
Base Configured Ports	12x 16-Gbps FC SFP+	Maximum Ports	48x 16-Gbps FC SFP+
Port Speeds	2/4/8/16 Gbps Auto-sensing	Dedicated Bandwidth	16 Gbps per port
Form Factor	1 Rack Unit (1RU)	Dimensions (H x W x D)	1.72 x 17.16 x 16.34 in. (4.37 x 43.59 x 41.50 cm)
Weight (Fully Configured)	19.84 lb (9.0 kg)	Buffer Credits	64 default; Max 253 per port / 256 per 4-port group
Power Supplies	2x 300W AC (Internal, Hot-plug)	Power Redundancy	Yes, 1+1
Max Power Consumption	100W (Base 12-port config); 125W (Fully populated)	Input Voltage	AC 100-240 V (50/60 Hz)
Airflow	Back to front (port-side exhaust)	Cooling Fans	4 Fan ports (rear-to-front)
Management Interfaces	1x 10/100/1000 RJ-45, 1x RS-232, 1x USB Type A	PortChannel	Up to 16 physical links
Operating Temperature	32°F to 104°F (0°C to 40°C)	Storage Temperature	-40°F to 158°F (-40°C to 70°C)
Operating Humidity	10% to 90% (non-condensing)	Storage Humidity	10% to 95% (non-condensing)
Operating Altitude	-197 to 6500 ft (-60 to 2000 m)	Reliability Features	ISSU, Hot-swappable dual PSUs, Hot-swappable fans, Passive backplane
Security Protocols	AES, VSAN isolation, hardware zoning, RADIUS, TACACS+, LDAP, SSHv2	Safety Compliance	UL 60950, CAN/CSA-C22.2 No. 60950, EN 60950, IEC 60950, AS/NZS 3260
EMC Certifications	CISPR 22 Class A, EN55022 Class A, FCC CFR21 Part 1040, ICES-003 Class A	Management Software	Cisco DCNM for SAN Advanced Edition, Cisco NX-OS

Want to Buy

[Order Now](#) [Get a Quote](#)

Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

200+ Countries we Sold	18,000+ Customers Trusted	\$20,000,000 Inventory Available	50%-98% Off Global List Price	100% Safe Online Shopping
----------------------------------	-------------------------------------	--	---	-------------------------------------

Contact Us

- WhatsApp: [+8617181189993](https://wa.me/8617181189993)
- Wechat: [layer23-switch](https://weixin.qq.com/q/layer23-switch)
- Telegram: [layer23_switch](https://t.me/layer23_switch)
- Email: sales@layer23-switch.com

Need Price and Availability for DS-C9148S-12PK9?

View product details, request a quote, or check current stock from Layer23-Switch.

[View Product Details & Request a Quote](#)