

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

N9K-C93108TC-FX3

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	N9K-C93108TC-FX3
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](#)



N9K-C93108TC-FX3 Datasheet



The Cisco N9K-C93108TC-FX3 datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the N9K-C93108TC-FX3 and integrate it into enterprise or service provider networks with confidence.

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

Key Features

Copper-friendly 10G access with 100G uplinks

Reuses existing CAT6/CAT6A runs for 100M/1/10G server or appliance access while providing simple 40/100G spine connections, reducing migration cost and downtime.

End-to-end link security at line rate

MACsec on every port enables encrypted leaf-to-leaf and leaf-to-spine links for multi-tenant, healthcare, and finance environments without sacrificing throughput.

Burst-tolerant fabrics for mixed workloads

2.16 Tbps switching, 1.2 Bpps forwarding, and 40 MB shared buffers help absorb fan-in spikes from virtualization, storage, VDI, and backup windows.

Automation from Day-0 to Day-N

POAP for zero-touch bring-up, model-driven telemetry, and open interfaces (NETCONF/REST/OpenConfig) integrate cleanly with Ansible/Terraform pipelines.

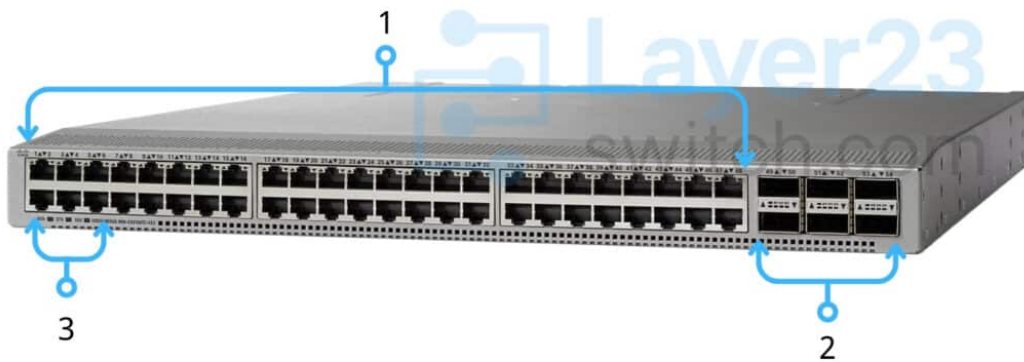
Flexible architectures: NX-OS or ACI

Deploy as a VXLAN EVPN leaf under NX-OS or as an ACI leaf for intent-based segmentation, allowing phased brownfield migrations or fast greenfield rollouts.

High availability and serviceability

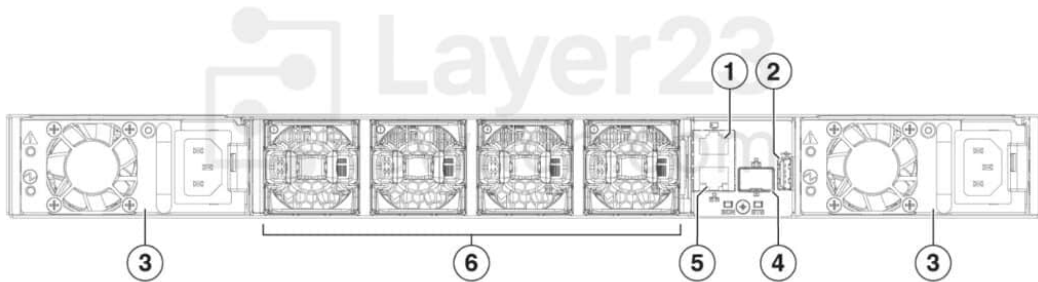
vPC and ECMP for fast convergence, ISSU/SMU to shrink maintenance windows, plus hot-swap N+1 fans/PSUs and selectable airflow for consistent uptime.

Nexus N9K-C93108TC-FX3 Front Panel



1	48 100M/1G/10GBASE-T ports	2	6 40/100-Gigabit QSFP28 ports
3	BCN, STS, ENV LEDs		

Nexus N9K-C93108TC-FX3 Rear Panel



1	Console port (1)	2	USB port (1)
3	Power supply modules (1 or 2) (AC power supplies shown) with slots numbered 1 (left) and 2 (right)	4	Management port (1—SFP optical port)
5	Management port (1—RJ-45 copper port)	6	Fan modules (4) with slots numbered from 1 (left) to 4 (right)

Specification

Parameter	Specification	Parameter	Specification
Model	N9K-C93108TC-FX3 (Nexus 9300-FX3 Series)	Product type	Fixed 1/10GBASE-T leaf switch with 100G uplinks
Downlink ports	48 × 1/10GBASE-T (RJ-45, autospeed 100M/1G/10G)	Uplink ports	6 × QSFP28 (40/100G)
Breakout options	QSFP28 100G → 4×25G; QSFP+ 40G → 4×10G	Transceiver/DAC/AOC	Cisco-qualified QSFP28/QSFP+/SFP+/SFP28; DAC/AOC supported
Operating system	NX-OS; ACI leaf mode capable	Fabric/Overlay	VXLAN EVPN (L2/L3), Anycast Gateway

Parameter	Specification	Parameter	Specification
Layer 3 features	OSPF, BGP, IS-IS, PBR, uRPF, Multicast (PIM/IGMP/MLD)	Segment Routing	SR-MPLS / SRv6 (software/OS dependent)
Security	CoPP, uACLs, 802.1X, CTS/SGT integration	MACsec	Supported on select uplinks (license/port dependent)
QoS & buffers	PFC, ECN, DWRR, per-port/queue shaping and policing	Telemetry	Streaming telemetry, sFlow/NetFlow (IPFIX), ERSPAN
Timing	IEEE 1588v2 PTP, SyncE (profile dependent)	Management	CLI, NX-API/REST, gNMI, SNMP; automation via Ansible/Python
Redundancy	Dual hot-swappable PSUs; N+1 hot-swappable fan trays	Airflow options	Front-to-Back or Back-to-Front (SKU dependent: -B/-F)
Throughput	Wire-rate on all ports for supported speeds	Latency class	Low-microsecond (feature/traffic dependent)
Physical	1RU fixed chassis; standard 19-inch rack mounting	Environment	Typical 0°C-40°C operation; 5%-95% non-condensing RH
Power supplies	Field-replaceable AC or DC PSUs	Input range	100-240 VAC (AC PSU) or -48 VDC (DC PSU)
Interface mgmt	OoB 10/100/1000 RJ-45 mgmt port; RJ-45/USB console	Storage/CPU	On-box SSD/eMMC; multi-core CPU (platform specific)
Licensing (NX-OS)	Essentials / Advantage feature tiers (perpetual or term)	Compliance	RoHS/REACH; regional safety/EMC certifications
Typical use cases	Leaf/ToR for mixed copper servers, 10G-T access with 100G fabric uplinks	Ordering PID	N9K-C93108TC-FX3

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](#)
- Telegram: [layer23_switch](#)
- Email: sales@layer23-switch.com

Need Price and Availability for N9K-C93108TC-FX3?

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

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