

CISCO · NEXUS 9000 SERIES SWITCHES

N9K-C93180YC-FX

48x1/10/25G Fiber Ports · 6x40/100G QSFP28

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



Product Model	N9K-C93180YC-FX
Category	Nexus 9000 Series 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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N9K-C93180YC-FX

48x1/10/25G Fiber Ports · 6x40/100G QSFP28

N9K-C93180YC-FX is a Cisco Nexus 93180YC-FX fixed 1RU data center switch for Nexus 9300-FX leaf and top-of-rack deployments, combining 48 1/10/25G fiber downlink ports with six 40/100G QSFP28 uplink ports. The switch supports 3.6 Tbps of switching bandwidth and a 1.2 bpps forwarding rate, includes 32 GB memory and a 128 GB SSD, and uses four fan modules with matched port-side intake or port-side exhaust airflow.

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

Specifications

Product ID	N9K-C93180YC-FX	Product type	Fixed 1RU data center switch
Form factor	1RU	Downlink ports	48 x 1/10/25G fiber ports
Downlink Fibre Channel support	16/32G Fibre Channel	Uplink ports	6 x 40/100G QSFP28 ports
Uplink flexible speeds	1/10/25/40/50/100G combinations	Switching bandwidth	3.6 Tbps
Forwarding rate	1.2 bpps	Latency	Less than 1 microsecond
System buffer	40 MB	CPU	6 cores
System memory	Up to 32 GB	SSD	128 GB
Management ports	1 RJ-45 port	USB ports	1
RS-232 serial ports	1	Power supply slots	2
Power redundancy	1 for operation and 1 for redundancy	Power supply selection	NXA-PAC-500W-PI 500W AC, NXA-PAC-500W-PE 500W AC, NXA-PDC-930W-PI 930W DC, NXA-PDC-930W-PE 930W DC, or N9K-PUV-1200W 1200W universal supply selected by input type
Power source mixing	Do not mix AC and DC power sources	Typical power	260 W
Maximum power	425 W	Heat dissipation	1450.16 BTU/hr
AC input voltage	100 to 240V	DC input voltage	-48 to -60V
HVAC input voltage	200 to 277V	HVDC input voltage	-240 to -380V
AC frequency	50 to 60 Hz	Fan modules	4
Airflow options	Port-side intake or port-side exhaust	Fan module options	NXA-FAN-30CFM-B or NXA-FAN-30CFM-F
Airflow matching	Fans and power supplies must use the same airflow direction	Dimensions	1.72 x 17.3 x 22.5 in. (4.4 x 43.9 x 57.1 cm)
Chassis weight	17.4 lb (7.9 kg) without power supplies or fans	Operating temperature	32 to 104F (0 to 40C)
Operating altitude	0 to 13123 ft (0 to 4000 m)	Minimum ACI image	ACI-N9KDK9-12.2A

Minimum NX-OS image	NXOS-703I7.1	MTBF	238470 hours
RoHS compliance	Yes		

Optional Add-ons

Add-on	Cisco PID	Purpose
Optics	SFP-10G-SR-S	10GBASE-SR SFP+ - S-Class - 400m OM4 MMF
Optics	SFP-10/25G-CSR-S	10/25GBASE-CSR SFP28 - 850nm 400m MMF Transceiver
Optics	QSFP-40G-SR4-S	40G SR4 S-Class QSFP - MPO-12 MMF - No Breakout
Optics	QSFP-100G-SR4-S	100G SR4 QSFP - MPO-12 MMF - 100m OM4
Cable / Stacking Kit	SFP-H25G-CU3M	25G SFP28 DAC - 3m Passive Copper - BASE-R FEC
Cable / Stacking Kit	QSFP-H40G-CU5M	40G QSFP DAC - 5m Length - Passive Copper Cable
Cable / Stacking Kit	QSFP-H40G-AOC3M	40G QSFP+ AOC - 3m Length - Active Optical Cable

Get Price and Availability for N9K-C93180YC-FX

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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