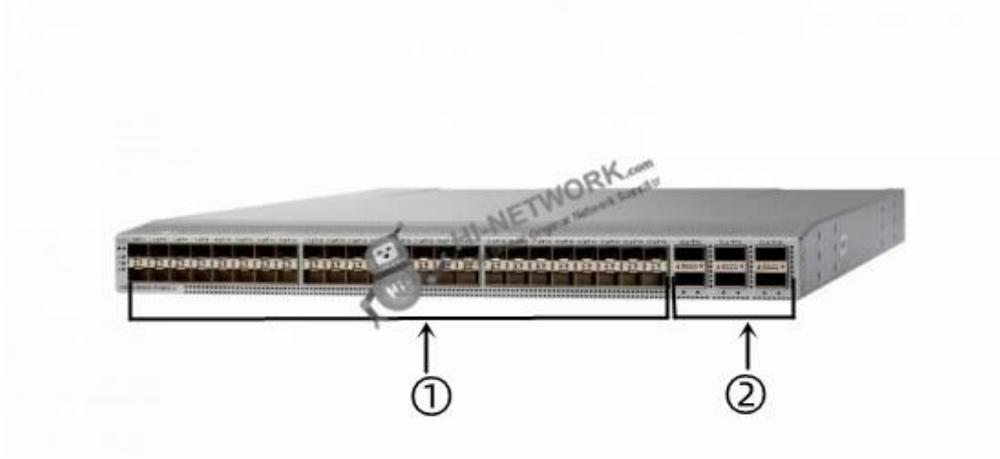Get a Quote

Overview

N9K-C93180YC-EX is one of the Cisco Nexus 9300-EX switches. Cisco Nexus 9300-EX platforms are the next generation of fixed Cisco Nexus 9000 Series Switches. The new platforms support cost-effective cloud-scale deployments, an increased number of endpoints, and cloud services with wire-rate security and telemetry. The platforms are built on modern system architecture designed to provide high performance and meet the evolving needs of highly scalable data centers and growing enterprises.

Quick Specification

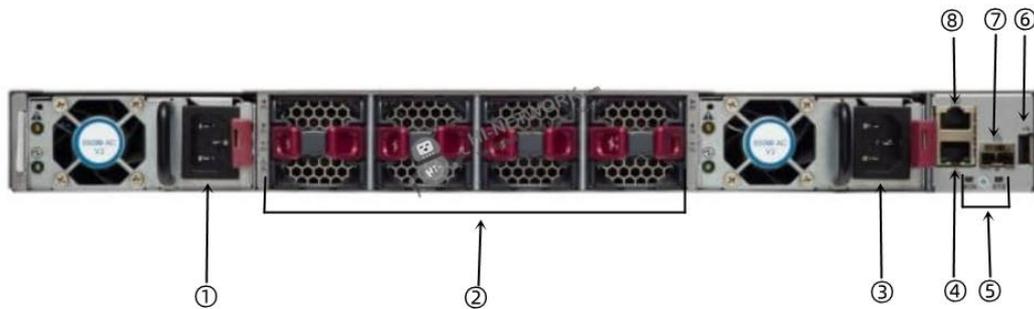|	
Part Number	N9K-C93180YC-EX
Ports	48 x 10/25-Gbps and 6 x 40/100-Gbps QSFP28 ports
Downlink supported speeds	1/10/25-Gbps speeds
CPU	4 cores
System memory	24 GB
Part Number	N9K-C93180YC-EX
System buffer	40 MB
Management ports	2 ports: 1 RJ-45 and 1 SFP
USB ports	1
RS-232 serial ports	1
Power supplies (up to 2)	650W AC, 930W DC, or 1200W HVAC/HVDC
System buffer	40 MB
Maximum power (AC/DC)	470W
Physical dimensions (H x W x D)	1.72 x 17.3 x 22.5 in. (4.4 x 43.9 x 57.1 cm)
Weight (without power supplies or fans)	17.2 lb (7.8 kg)

Product Details:

The Front Panel:

①	48 x 10/25-Gigabit SFP+ ports to other devices
②	6 x 40/100-Gigabit QSFP28 optical ports for uplink connections to aggregation switches

The Back Panel:

①	Power Supply
②	4 x Fan Module
③	Power Supply
④	Out-of-band management port (RJ-45 port)
⑤	Chassis LEDs (Beacon [BCN] and Status [STS])
⑥	USB port used for saving or copying functions
⑦	Out-of-band management port (SFP port)
⑧	Console port (RS232 port)

The Accessories

Compare to Similar Items

Product Code	N9K-C93180YC-EX	N9K-C93108TC-EX
Physical	48 x 10/25-Gbps and 6 x 40/100-Gbps QSFP28 ports	48 x 10GBASE-T and 6 x 40/100-Gbps QSFP28 ports
Physical dimensions (H x W x D)	1/10/25-Gbps speeds	100-Mbps and 1/10-Gbps speeds
Weight	4 cores	4 cores
System memory	24 GB	24 GB
SSD drive	64 GB	64 GB

Get more information:

Do you have any question about the N9K-C93180YC-EX?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Type	N9K-C93180YC-EX
Ports	48 x 10/25-Gbps and 6 x 40/100-Gbps QSFP28 ports
Downlink supported speeds	1/10/25-Gbps speeds
CPU	4 cores
System memory	24 GB
SSD drive	64 GB
Ports	48 x 10/25-Gbps and 6 x 40/100-Gbps QSFP28 ports
Management ports	2 ports: 1 RJ-45 and 1 SFP
USB ports	1
RS-232 serial ports	1
Power supplies (up to 2)	650W AC, 930W DC, or 1200W HVAC/HVDC
Typical power (AC/DC)	210W
Management ports	2 ports: 1 RJ-45 and 1 SFP
Input voltage (AC)	100 to 240V
Input voltage (high-voltage AC [HVAC])	200 to 277V
Input voltage (DC)	–48 to –60V
Input voltage (high-voltage DC [HVDC])	–240 to –380V

Frequency (AC)	50 to 60 Hz
Fans	4
Airflow	Port-side intake and exhaust
Physical dimensions (H x W x D)	1.72 x 17.3 x 22.5 in. (4.4 x 43.9 x 57.1 cm)
Acoustics	48.5 dBA at 40% fan speed, 64.9 dBA at 70% fan speed, and 77.8 dBA at 100% fan speed
RoHS compliance	Yes
MTBF	390,330 hours
Maximum number of Longest Prefix Match (LPM) routes	896000
Maximum number of IP host entries	896000
Maximum number of MAC address entries	256000
Maximum number of multicast routes	32000
Number of Interior Gateway Management Protocol (IGMP) snooping groups	Shipping: 8,000 Maximum: 32,000
Maximum number of Cisco Nexus 2000 Series Fabric Extenders per switch	16
Maximum number of Access Control List (ACL) entries	Per slice of the forwarding engine: 4000 ingress 2000 egress Total (2 forwarding slices): 8000 ingress 4000 egress
Maximum number of VLANs	3,967
Number of Virtual Routing and Forwarding (VRF) instances	Shipping: 1,000 Maximum: 16,000
Maximum number of ECMP paths	64
Maximum number of port channels	512
Maximum number of links in a port channel	32
Number of active SPAN sessions	4
Maximum number of VLAN's in Rapid per-VLAN Spanning Tree (RPVST) instances	3,967
Maximum number of Hot-Standby Router Protocol (HSRP) groups	490
Number of Network Address Translation (NAT) entries	1023
Maximum number of Multiple Spanning Tree (MST) instances	64
Flow-table size used for Cisco Tetration Analytics platform	64000
Operating temperature	32 to 104°F (0 to 40°C)

Nonoperating (storage) temperature	–40 to 158°F (–40 to 70°C)
Humidity	5 to 95% (noncondensing)
Altitude	0 to 13,123 ft (0 to 4000m)
Weight (without power supplies or fans)	17.2 lb (7.8 kg)

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