

# Refurbished CISCO N9K-C93180YC-EX-B Datasheet

CISCO > SWITCHES

## Cisco Nexus 9000 Series Switches

Cisco Nexus 9300-EX Series Switches	
Model	
Cisco Nexus 93180YC-EX	48 x 1/10/25-Gbps fiber ports and 6 x 40/100-Gbps Quad Small Form-Factor Pluggable 28 (QSFP28) ports
Cisco Nexus 93108TC-EX	48 x 100M/1/10GBASE-T ports and 6 x 40/100-Gbps QSFP28 ports
Cisco Nexus 93180LC-EX	Up to 32 x 40/50-Gbps QSFP+ ports OR 18 x 100-Gbps QSFP28 ports

Hardware performance and scalability specifications	
Item	
Item	Cisco Nexus 9300-EX Series Switches
Maximum number of Longest Prefix Match (LPM) routes	896,000
Maximum number of IP host entries	896,000
Maximum number of MAC address entries	256,000
Maximum number of multicast routes	32,000
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	1,023

<b>Translation (NAT) entries</b>	
<b>Maximum number of Multiple Spanning Tree (MST) instances</b>	64
<b>Flow-table size used for Cisco Tetration Analytics platform</b>	64,000
<b>Number of Queues</b>	8

Environmental properties	
Property	
<b>Operating temperature</b>	32 to 104°F (0 to 40°C)
<b>Nonoperating (storage) temperature</b>	40 to 158°F (–40 to 70°C)
<b>Humidity</b>	5 to 95% (noncondensing)
<b>Altitude</b>	0 to 13,123 ft (0 to 4000m)

Weight	
Component	
<b>Component</b>	<b>Weight</b>
<b>Cisco Nexus 93180YC-EX without power supplies or fans</b>	17.2 lb (7.8 kg)
<b>Cisco Nexus 93108TC-EX without power supplies or fans</b>	17.7 lb (8.0 kg)
<b>Cisco Nexus 93180LC-EX without power supplies or fans</b>	17.2 lb (7.8 kg)
<b>500W AC power supply</b>	2.42 lb (1.1 kg)
<b>650W AC power supply</b>	2.42 lb (1.1 kg)
<b>930W DC power supply</b>	2.42 lb (1.1 kg)
<b>1200W HVDC/HVAC power supply</b>	2.42 lb (1.1 kg)
<b>Fan tray: NXA-FAN-30CFM-F or NXA-FAN-30CFM-B</b>	0.92 lb (0.4 kg)

Regulatory standards compliance: safety and EMC	
Specification	
<b>Regulatory compliance</b>	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC
<b>Safety</b>	NEBS UL 60950-1 Second Edition CAN/CSA-C22.2 No. 60950-1 Second Edition EN 60950-1 Second Edition IEC 60950-1 Second Edition AS/NZS 60950-1 GB4943
<b>EMC: Emissions</b>	47CFR Part 15 (CFR 47) Class A AS/NZS CISPR22 Class A CISPR22 Class A EN55022 Class A ICES003 Class A VCCI Class A EN61000-3-2 EN61000-3-3 KN22 Class A CNS13438 Class A
<b>EMC: Immunity</b>	EN55024 CISPR24

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EN300386  
KN 61000-4 series

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**RoHS**

The product is RoHS-6 compliant with exceptions for leaded-ball grid-array (BGA) balls and lead press-fit connectors

## The next steps...

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