

## Thuyết minh thông số kỹ thuật Switch Cisco Nexus N9K-C93180YC-EX

Performance & Bandwidth thông số Switch Cisco N9K-C93180YC-EX	
Mã	N9K-C93180YC-EX
Device Type	Switch - 48 ports - L3
Enclosure Type	Rack-mountable 1U
Subtype	25 Gigabit Ethernet
Ports	48 x 1/10/25 Gigabit SFP+ + 6 x 40/100 Gigabit QSFP+
Performance	Bandwidth: 3.6 Tbps   Active SPAN sessions: 4
Capacity	Multiple Spanning Tree Protocol instances: 64   HSRP groups: 490   Per VLAN Rapid Spanning Tree instances: 4000   Maximum number of links in a port channel: 32   Maximum number of port channels: 512   ECMP paths: 64   Virtual Routing and Forwarding (VRF) instances: 1000   VLANs supported: 4096   ACL entries (egress): 2000   ACL entries (ingress): 4000   IGMP snooping groups: 8000   Multicast routes: 8000
MAC Address Table Size	512K entries
Routing Protocol	OSPF, RIP, RIP-2, BGP, EIGRP, HSRP, PIM-SM, MSDP, ECMP, MPLS
Features	Layer 3 switching, High Availability, hot swappable 4 fans, Virtual PortChannel (vPC) technology, In-Service Software Upgrade (ISSU), NPV Gateway mode, Virtual Extensible LAN (VXLAN), Source-Specific Multicast (SSM), Ethernet Virtual Private Network (EVPN), 40MB system buffer
RAM	16 GB
Built-in Devices	64 GB SSD
Expansion / Connectivity	
Interfaces	48 x 1/10/25Gbit LAN SFP+ downlink   6 x 100Gbit/40Gbit LAN QSFP28 uplink   1 x management RJ-45   1 x management SFP+   1 x USB   1 x serial (RS-232)
Manufacturer Warranty	
Service & Support	Limited warranty - advance hardware replacement - 1 year - response time: 10 days
Miscellaneous	
Included Accessories	Fixed accessory kit
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, AS/NZS 60950-1, ICES-003 Class A, RoHS, UL 60950-1 Second Edition, RoHS, GB 4943, Directive 2004/108/EC, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, Directive 2006/95/EC, VCCI Class A, KN22 Class A, EN 55022 Class A, CNS 13438 Class A, CAN/CSA C22.2 No. 60950-1 Second Edition, EN 300 386, KN 61000-4
Power	
Power Device	Internal power supply - hot-plug
Installed Qty	0 (installed) / 2 (max)
Power Redundancy	Optional
Power Redundancy Scheme	N+1
Software / System Requirements	
Software Included	Cisco NX-OS
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	104 °F
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Dimensions & Weight	
Width	17.3 in
Depth	22.5 in
Height	1.7 in

Weight	17.2 lbs
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