

Refurbished CISCO N9K-C93216TC-FX2 Datasheet

CISCO > SWITCHES

Cisco Nexus 9000 Series Switches

Cisco Nexus 9300-FX2 Series Switches	
Model	
Cisco Nexus 9336C-FX2	36 x 40/100-Gbps QSFP28 ports
Cisco Nexus 93240YC-FX2	48 x 1/10/25-Gbps fiber ports and 12 x 40/100-Gbps QSFP28 ports
Cisco Nexus 93360YC-FX2	96 x 1/10/25-Gbps fiber ports and 12 x 40/100-Gbps QSFP28 ports
Cisco Nexus 93216TC-FX2	96 x 100M/1/10GBASE-T ports and 12 x 40/100-Gigabit QSFP28 ports

Hardware performance and scalability specifications	
Item	
Item	Cisco Nexus 9300-FX2 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	128,000
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: 5000 ingress 2000 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	1,023

Maximum number of Multiple Spanning Tree (MST) instances	64
Flow-table size used for Cisco Tetration Analytics platform	64,000
Number of Queues	8

Environmental properties

Property	
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

Component	
Component	Weight
Cisco Nexus 9336C-FX2 without power supplies or fans	18.8 lb (8.5 kg)
Cisco Nexus 93240YC-FX2 without power supplies or fans	2.2 lb (10 kg)
750W* AC power supply	2.2lb (1kg)
1100W AC power supply	2.42 lb (1.1 kg)
1100W DC power supply	2.45 lb (1.11 kg)
1100W HVAC/HVDC power supply	2.46 lb (1.12 kg)
Cisco Nexus 93360YC-FX2 without power supplies or fans	27.4 lb (12.4kg)
Cisco Nexus 93216TC-FX2 without power supplies or fans	27.4 lb (12.4 kg)
930W DC Power Supply	2.42 lb (1.1 kg)
1200W AC power supply	2.64 lb (1.2 kg)
1200W HVAC/HVDC power supply	2.52 lb (1.14kg)
Fan tray: NXA-FAN-65CFM-F or NXA-FAN-65CFM-B	0.6 lb (0.3 kg)
Fan tray: NXA-FAN-35CFM-PE or NXA-FAN-35CFM-PI	0.25 lb (0.1 kg)
NXA-FAN-160CFM-PI or NXA-FAN-160CFM-PE	1.3 lb (0.59 kg)

Regulatory standards compliance: Safety and EMC

Specification	
Regulatory compliance	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC
Safety	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

EMC: Emissions	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
EMC: Immunity	EN55024 CISPR24 EN300386 KN 61000-4 series
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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