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Overview

Cisco Nexus 9372PX-E Switch (N9K-C9372PX-E) is a minor hardware revision of the Cisco Nexus 9372PX. Enhancements include hardware capability for IP-based endpoint group (EPG) classification in Cisco ACI mode.

Quick Specification

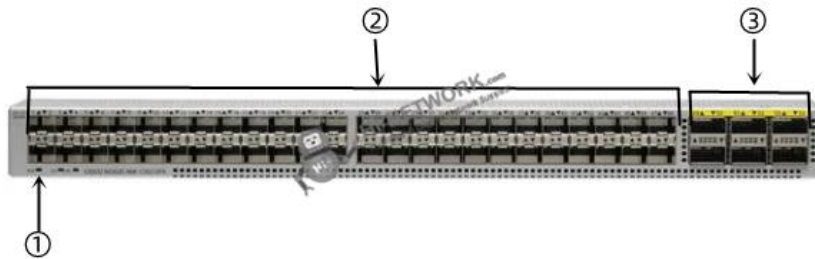|	
Product Code	N9K-C9372PX-E
Ports	48 fixed 1/10GBASE-T and 6 QSFP+ ports
Form factor	1 RU
Throughput (Tbps)	1.44
Supported speeds	1/10 Gigabit Ethernet speeds
40 Gigabit Ethernet uplink port	6 fixed QSFP+ ports ·Advanced QSFP+ optics enable connectivity using existing 10 Gigabit Ethernet fiber. ·The switch offers 25 MB of additional packet buffer space shared with all ports for more resilient operations
Typical power(AC & DC)	210W
Maximum power(AC & DC)	537W
Maximum number of longest prefix match (LPM) routes	128,000
CPU, SSD, and memory	Dual-core 2.5-GHz x86 CPUs with 64-GB SSD drive and 16 GB of memory provide enhanced network performance.
Buffer (MB)	37
Operating System	NX-OS, ACI
Fans	4

Physical (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 dB at 100% fan speed
Weight（without power supplies or fans）	22.2 lb (10.1 kg)

·Typical and maximum power values are based on input drawn from the power circuit. The power supply value (for example, 650W AC power supply: N9K-PAC-650W) is based on the output rating to the inside of the switch.

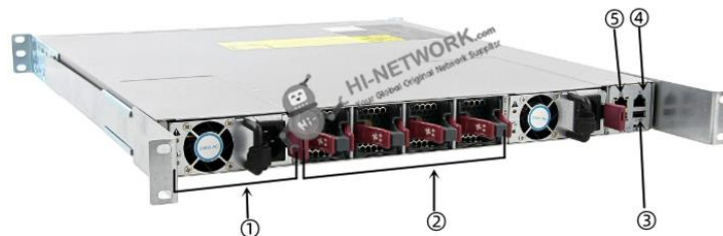·The actual maximum scale depends on the system forwarding mode

Product Details:

The Front Panel:

①	Beacon (BCN), Status (STS), and Environment (ENV) LEDs
②	10-Gigabit SFP+ APIC-facing ports (48) supporting 1- and 10-Gigabit Ethernet
③	40-Gigabit QSFP+ spine-facing ports (6) supporting 10- and 40-Gigabit Ethernet

The Back Panel:

①	Power supply modules (1 or 2) (AC power supplies shown) with slots numbered 1 (left) and 2 (right)
②	Fan modules (4) with slots numbered from 1 (left) and 4 (right)
③	Beacon (BCN) and Status (STS) LEDs
④	Console port (1)
⑤	Management port (1)

The Accessories

Modules and Cables:

Category	Model	Description
40G Transceiver and Cable Options	QSFP-H40G-ACU10M	Cisco QSFP to QSFP copper direct-attach 40GBASE-CR4 cable QSFP-H40G-ACU10M
	QSFP-H40G-CU1M	Cisco QSFP to QSFP copper direct-attach 40GBASE-CR4 cable QSFP-H40G-CU1M
	QSFP-H40G-CU3M	Cisco QSFP to QSFP copper direct-attach 40GBASE-CR4 cable QSFP-H40G-CU3M
	QSFP-H40G-CU5M	Cisco QSFP to QSFP copper direct-attach 40GBASE-CR4 cable QSFP-H40G-CU5M
1/10G Transceiver and Cable Options	SFP-10G-SR	10GBASE-SR SFP Module
	SFP-10G-LR	10GBASE-LR SFP+ Module for SMF 10 Gbps
	GLC-LH-SMD	Cisco GLC-LH-SMD 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM

Compare to Similar Items

Product Code	N9K-C9372TX-E	N9K-C9372PX-E
Ports	48 fixed 1/10GBASE-T and 6 QSFP+ ports	48 fixed 1/10GBASE-T and 6 QSFP+ ports
Form factor	1 RU	1 RU
Throughput (Tbps)	1.44	1.44
Supported speeds	100 Megabit Ethernet and 1/10 Gigabit Ethernet speeds	1/10 Gigabit Ethernet speeds
Typical power(AC & DC)	374.5W	210W
Maximum power(AC & DC)	694W	537W
Maximum number of longest prefix match (LPM) routes	128,000	128,000
Acoustics	48.6 dBA at 40% fan speed, 65.2 dBA at 70% fan speed, and 76.5 dB at 100% fan speed	48.5 dBA at 40% fan speed, 64.9 dBA at 70% fan speed, and 77.8 dB at 100% fan speed
Weight（without power supplies or fans）	22.6 lb (10.25 kg)	22.2 lb (10.1 kg)

Get more information:

Do you have any question about the N9K-C9372PX-E?

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

Specific Data Sheet:

Type	N9K-C9372PX-E

Ports	48 fixed 1/10-Gbps SFP+ and 6 QSFP+ ports
Supported speeds	1/10 Gigabit Ethernet speeds
40 Gigabit Ethernet uplink port	6 fixed QSFP+ ports
	Advanced QSFP+ optics enable connectivity using existing 10 Gigabit Ethernet fiber.
	The switch offers 25 MB of additional packet buffer space shared with all ports for more resilient operations.
Power supplies (up to 2)	650W AC, 930W DC, or 1200W HVAC/HVDC
Typical power*(AC & DC)	210W
Maximum power* (AC & DC)	537W
Input voltage (AC)	100 to 240V
Input voltage (HVAC)	200 to 277V
Input voltage (DC)	-40V to -72V DC (min-max)
	-48V to -60V DC (nominal)
Input voltage (HVDC)	–240 to –380V
Frequency (AC)	50 to 60 Hz
Fans	4
Physical (H x W x D)	1.72 x 17.3 x 22.5 in. (4.4 x 43.9 x 57.1cm)
Acoustics	48.5 dBA at 40% fan speed, 64.9 dBA at 70% fan speed, and 77.8 dB at 100% fan speed
RoHS compliance	Yes
Maximum number of longest prefix match (LPM) routes	128,000*
Maximum number of IP host entries	208,000*
Maximum number of MAC address entries	96,000*
Number of multicast routes	● 32,000 (without virtual PortChannel [vPC])
	● 32,000 (with vPC)
Number of Interior Gateway Management Protocol (IGMP) snooping groups	● 32,000 (without vPC)
	● 32,000 (with vPC)
Maximum number of Cisco Nexus 2000 Series Fabric Extenders per switch	16
Number of access control list (ACL) entries	● 4000 ingress
	● 1000 egress
Maximum number of VLANs	4096
Maximum number of Virtual Routing and Forwarding (VRF) instances	1000
Maximum number of links in a PortChannel	32
Maximum number of ECMP paths	64
Maximum number of PortChannels	528
Number of active SPAN sessions	4

Maximum number of Rapid per-VLAN Spanning Tree (RPVST) instances	507
Maximum number of Hot-Standby Router Protocol (HSRP) groups	490
Maximum number of Multiple Spanning Tree (MST) instances	64
Maximum number of VXLAN tunnel endpoints (VTEP)	256
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)
Cisco Nexus 9372PX/9372PX-E without power supplies or fans	22.2 lb (10.1 kg)
Cisco Nexus 9372TX/9372TX-E without power supplies or fans	22.6 lb (10.25 kg)
Regulatory compliance	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC
Safety	● 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

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