



System Specifications

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Environmental Specifications

Environment		Specification
Temperature	Ambient operating temperature	32 to 104°F (0 to 40°C)
	Ambient nonoperating	–40 to 158°F (–40 to 70°C)
Relative humidity	Ambient (noncondensing)	5 to 95%
Altitude	Operating	0 to 13,123 feet (0 to 4,000 meters)

Switch Dimensions

Switch Component	Width	Depth	Height
Cisco Nexus 9396PX chassis	17.5 inches (44.5 cm)	22.5 inches (57.1 cm)	3.5 inches (8.9 cm) (2 RU)

Switch and Module Weights and Quantities

Component	Weight per Unit	Quantity
Cisco Nexus 9396PX Chassis (N9K-C9396PX)	22.45 lb (10.2 kg)	1
Uplink Module	—	1
– M4PC	3.4 lb (1.5 kg)	
– M6PQ	2.0 lb (0.9 kg)	
– M12PQ	3.12 lb (1.4 kg)	
Fan Modules (fan modules currently shipped with the switch)	—	3 (2 for operations and 1 for redundancy)
– Port-side exhaust (blue stripe) fan module (N9K-C9300-FAN2-B)	1.14 lb (0.5 kg)	
– Port-side intake (burgundy stripe) fan tray (N9K-C9300-FAN2)	1.14 lb (0.5 kg)	
Fan Modules (fan modules previously shipped with the switch)	—	3 (2 for operations and 1 for redundancy)
– Port-side exhaust (blue stripe) fan module (N9K-C9300-FAN1-B)	0.92 lb (0.4 kg)	
– Port-side intake (burgundy stripe) fan module (N9K-C9300-FAN1)	0.92 lb (0.4 kg)	
Power Supplies	—	2 (1 for operations and one for redundancy)
– 650-W AC port-side exhaust (blue latch) power supply module (N9K-PAC-650W-B)	2.64 lb (1.2 kg)	
– 650-W AC port-side intake (burgundy latch) power supply module (N9K-PAC-650W)	2.64 lb (1.2 kg)	
– 930-W DC port-side intake (green latch) power supply (UCSC-PSU-930WDC)	2.39 lb (1.1 kg)	

Transceiver and Cable Specifications

To determine which transceivers and cables are supported by this switch, see <http://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/products-device-support-tables-list.html>.

To see the transceiver specifications and installation information, see <http://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/products-installation-guides-list.html>.

Power Input Requirements

The following table lists the typical amount of power consumed by the switch, and it lists the maximum amount of power that you must provision from the power source as input to the power supply and switch for peak conditions.

Table 1: Switch Power Input Requirements

	Typical Power Consumption	Maximum Power Consumption
Cisco Nexus 9396PX	232 W	455 W

Power Cord Specifications

If you are using a DC power supply, we recommend using a 8 AWG insulated cable (10 AWG minimum) customer-supplied cable to wire each power supply to its power source and the earth ground. If you are using an AC power supply, see the following table for the power cord specifications.

Table 2: AC Power Cord Specifications

Locale	Power Cord Part Number	Cord Set Description
	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 6.6 feet (2.0 m)
	CAB-C13-C14-AC	Power cord, C13 to C14 (recessed receptacle), 10 A, 9.8 feet (3 m)
	CAB-C13-CBN	Cabinet jumper power cord, 250 VAC, 10 A, C14-C13 connectors, 2.3 feet (0.7 m)
Argentina	CAB-250V-10A-AR	250 V, 10 A, 8.2 feet (2.5 m)
Australia	CAB-9K10A-AU	250 VAC, 10 A, 3112 plug, 8.2 feet (2.5 m)
Brazil	CAB-250V-10A-BR	250 V, 10 A, 6.9 feet (2.1 m)
European Union	CAB-9K10A-EU	250 VAC, 10 A, CEE 7/7 plug, 8.2 feet (2.5 m)
India	CAB-IND-10A	10 A, 8.2 feet (2.5 m)
Israel	CAB-250V-10A-IS	250 V, 10 A, 8.2 feet (2.5 m)
Italy	CAB-9K10A-IT	250 VAC, 10 A, CEI 23-16/VII plug, 8.2 feet (2.5 m)
North America	CAB-9K12A-NA	125 VAC, 13 A, NEMA 5-15 plug, 8.2 feet (2.5 m)

Locale	Power Cord Part Number	Cord Set Description
North America	CAB-AC-L620-C13	NEMA L6-20-C13, 6.6 feet (2.0 m)
North America	CAB-N5K6A-NA	200/240V, 6A, 8.2 feet (2.5 m)
Peoples Republic of China	CAB-250V-10A-CN	250 V, 10 A, 8.2 feet (2.5 m)
South Africa	CAB-250V-10A-ID	250 V, 10 A, 8.2 feet (2.5 m)
Switzerland	CAB-9K10A-SW	250 VAC, 10 A, MP232 plug, 8.2 feet (2.5 m)
United Kingdom	CAB-9K10A-UK	250 VAC, 10 A, BS1363 plug (13 A fuse), 8.2 (2.5 m)