



System Specifications

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Environmental Specifications

Environment		Specification
Temperature	Ambient operating temperature	32 to 104°F (0 to 40°C) with port-side intake 32 to 82°F (0 to 28°C) with port-side exhaust
	Ambient nonoperating	–40 to 158°F (–40 to 70°C)
Relative humidity	Operating	5 to 90%
	Nonoperating	5 to 95%
Altitude	Altitude rating is 10,000 ft (3048 m). For China, it is 6,562 ft (2000 m).	

Switch Dimensions

Switch	Width	Depth	Height
Cisco N9332D-GX2B, N9332D-GX2B-M	17.3 inches (43.9 cm)	23.9 in (60.8 cm)	1.72 inches (4.4 cm) (1 RU)

Switch and Module Weights and Quantities

Component	Weight per Unit	Quantity
Cisco N9332D-GX2B Chassis (N9K-C9332D-GX2B, N9K-C9332D-GX2B-M)	28 lb (12.7 kg)	1
Fan Module	—	6
– Port-side exhaust (blue) (NXA-SFAN-35CFM-PE)	0.26 lb (0.12 kg)	
– Port-side intake (burgundy) (NXA-SFAN-35CFM-PI)		
Power Supplies	—	2 (1 for operations and 1 for redundancy)
– 1500-W AC port-side exhaust (blue) (NXA-PAC-1500W-PE)	2.64 (1.2 kg)	
– 1500-W AC port-side intake (burgundy) (NXA-PAC-1500W-PI)		
– 1100-W DC port-side intake (burgundy) (NXA-PDC-1100W-PI)		

Transceiver and Cable Specifications

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

Switch Power Input Requirements

This table lists the typical amount of power that the switch consumes. It also lists the maximum amount of power that you must provision for the switch and power supply for peak conditions.



Note Some power supplies have capabilities that are greater than the maximum power requirements for a switch. To determine the power consumption characteristics for the switch, use the typical and maximum requirements that are listed here.



Note If you want to use optics that consume **5W or more power on all the 36 ports**, you must install 1100W power supplies.

Switch	Typical Power Consumption (AC or DC)	Maximum Power Consumption (AC or DC)	Heat Dissipation Requirement
Cisco N9332D-GX2B, N9332D-GX2B-M	638 W	1442 W	4,920.308 BTUs per hour

Power Specifications

Power specifications include the specifications for each type of power supply module.

1100-W DC Power Supply Specifications

These specifications apply to the NXA-PDC-1100W-PI power supply.

Property	Specification
Input voltage Range	-48 to -60 VDC
Efficiency	94% at 50% load
Output Power	1100 W at rated input voltage
Redundancy Modes	n + 1, 1 + 1
RoHS Compliance	Yes
Hot Swappable	Yes

1500-W AC Power Supply Specifications

These specifications apply to 1500-W power supplies:

Characteristic	Specification
AC input voltage	100 to 120 VAC or 200 to 240 VAC
AC input frequency	50/60 Hz
AC input current	10 A (100 - 120 VAC) 7 A (200 - 240 VAC)
Maximum output power per power supply	1500 W
Power supply output voltage	12 V
Power supply standby voltage	3.3 V
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	1.75x2.15x13.13

Power Cable Specifications

These sections show the power cables that you can order and use with this switch.

Power Cables for NXA-PAC-1500W Power Supplies

Cable	Description	Length	Weight
CAB-250V-10A-AR	Power Cord, 250VAC 10A IRAM 2073 Plug, Argentina	8.2 feet (2.5 m)	0.32 kg
CAB-9K10A-EU	Power Cord, 250VAC 10A CEE 7/7 Plug, EU	8.2 feet (2.5 m)	0.30 kg
CAB-9K10A-SW	Power Cord, 250VAC 10A MP232 Plug, Switzerland	8.2 feet (2.5 m)	0.28 kg
CAB-9K10A-AU	Power Cord, 250VAC 10A 3112 Plug, Australia	8.2 feet (2.5 m)	0.28 kg
CAB-9K10A-IT	Power Cord, 250VAC 10A CEI 23-16/VII Plug, Italy	8.2 feet (2.5 m)	0.26 kg
CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	8.2 feet (2.5 m)	0.32 kg
CAB-TA-NA	Power Cord, 125VAC 12A, North America	8.2 feet (2.5 m)	0.40 kg
CAB-TA-UK	Power Cord, 250VAC 10A, United Kingdom	8.2 feet (2.5 m)	0.30 kg
CAB-TA-250V-JP	Power Cord, 250VAC 15A, Japan	8.2 feet (2.5 m)	0.38 kg
CAB-TA-EU	Power Cord, 250VAC 10A, Continental Europe	8.2 feet (2.5 m)	0.24 kg
CAB-C15-CBN	Jumper Cord, 250VAC 12A, United States, Canada, Australia	4 feet (1.22 m)	0.20 kg
CAB-TA-IN	Power Cord, 250VAC 10A, South Africa	8.2 feet (2.5 m)	0.28 kg
CAB-TA-IS	Power Cord, 250VAC 16A, Israel	8.2 feet (2.5 m)	0.26 kg
CAB-C15-CBN-JP	Power Cord, 250VAC 12A, Japan	9.84 feet (3 m)	0.38 kg
CAB-C15-CBN-EURA	Power Cord, 250VAC 13A, EU	9.84 feet (3 m)	0.26 kg
CAB-C15-CBN-CK	Power Cord, 250VAC 13A, China	9.84 feet (3 m)	0.32 kg
CAB-PWR-C15-CHNA	Power Cord, 250VAC 10A, China	8.2 feet (2.5 m)	0.32 kg

Regulatory Standards Compliance Specifications

This table lists the regulatory standards compliance for the switch.

Table 1: Regulatory Standards Compliance: Safety and EMC

Specification	Description
Regulatory compliance	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC.
Safety	• CAN/CSA-C22.2 No. 60950-1 Second Edition • CAN/CSA-C22.2 No. 62368-1-19 Third Edition • ANSI/UL 60950-1 Second edition • IEC 62368-1 • EN 62368-1 • AS/NZS 62368-1 • GB4943 • UL 62368-1
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 RoH-6 compliant with exceptions for leaded-ball grid-array (BGA) balls and lead press-fit connectors.

