



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 | Nonoperating | 5 to 95% |
| | Operating | 5 to 90% |
| Altitude | Operating | 0 to 13,123 feet (0 to 4,000 meters) |

Switch Dimensions

| Switch | Width | Depth | Height |
|------------------------|-------------------------|---------------------|------------------------------|
| Cisco Nexus 9364D-GX2A | 17.41 inches (44.23 cm) | 29.82 in (75.76 cm) | 3.45 inches (8.76 cm) (2 RU) |

Switch and Module Weights and Quantities

| Component | Weight per Unit | Quantity |
|---|-------------------|---|
| Cisco Nexus 9364D-GX2A Chassis (N9K-C9364D-GX2A) | 58 lb (26.3 kg) | 1 |
| Fan Module | — | 4 |
| – Port-side intake (burgundy) (NXA-FAN-160CFM2-PI) | 1.35 lb (0.61 kg) | |
| Power Supply module | — | 2 (1 for operations and 1 for redundancy) |
| – 3200-W AC/HVDC port-side intake (burgundy) (NXA-PAC-3200W-PI) | 3.6 lb (1.63 kg) | |

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

The following 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 in the following table.

| Switch | Typical Power Consumption (AC or DC) | Maximum Power Consumption (AC or DC) | Heat Dissipation Requirement |
|------------------------|--------------------------------------|--------------------------------------|------------------------------|
| Cisco Nexus 9336D-GX2A | 1378 W | 3000 W | 10,236.426 BTUs per hour |

Power Specifications

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

3200-W AC/HVDC Power Supply Specifications

| Property | Specification |
|------------------|----------------------------------|
| Power | 3200 W |
| AC Range | 100-120 VAC; 16A Max. 50/60Hz |
| HVAC Range | 200-240 VAC; 16A Max. 50/60Hz |
| HVDC Range | 240 VDC; 14.5 Max. |
| Input Voltage | 264 to 300 VAC |
| Frequency | 47 to 63 Hz |
| Efficiency | 90% or greater (20 to 100% load) |
| Redundancy Modes | Combined, $n+1$, and $n+n$ |
| RoHS Compliance | Yes |
| Hot Swappable | Yes |

3200-W DC/HVDC Power Supply Specifications

| Property | Specification |
|------------------|----------------------------------|
| Power | 3200 W |
| DC Range | 100-120 VDC; 16A Max. 50/60Hz |
| HVDC Range | 240 VDC; 14.5 Max. |
| Input Voltage | -40 to -72 VDC |
| Frequency | 47 to 63 Hz |
| Efficiency | 90% or greater (20 to 100% load) |
| Redundancy Modes | Combined, $n+1$, and $n+n$ |
| RoHS Compliance | Yes |
| Hot Swappable | Yes |

Power Cable Specifications

The following sections specify the power cables that you can order and use with this switch.

Power Cables for NXA-PAC-3200W Power Supplies

| Cable | Description |
|-------------------|---|
| CAB-AC-16A-AUS | Power Cord, 16A, 250 VAC, Australia and New Zealand |
| CAB-AC-16A-CH | Power Cord, 16A, 250 VAC, Peoples Republic of China |
| CCAB-AC-2500W-EU | Power Cord, 16A, 250 VAC, Continental Europe |
| CAB-AC-2500W-ISRL | Power Cord, 16A, 250 VAC, Israel |
| CAB-AC-2500W-US1 | Power Cord, 16A, 250 VAC, Japan and North America (nonlocking) 200-240VAC operation |
| CAB-AC-C6K-TWLK | Power Cord, 16A, 250 VAC, Japan and North America(locking) 200-240VAC operation |
| CAB-C19-CBN | Power Cord, 16A, 250 VAC, Power distribution unit (PDU) |
| CAB-ACS-16 | Power Cord, 16A, 250 VAC, Switzerland |
| CAB-AC-C19-TW | Power Cord, 16A, 250 VAC, C19, Taiwan More |
| CAB-9K16A-BRZ | Power Cord, 16A, 250 VAC, Brazil, Src Plug EL224-C19 |
| PWR-CORD10-IND | Power Cord, IEC60320/ C19, IS16A3,7.0M, India |
| CAB-IR2073-C19-AR | Power Cord, IRSM 2073 to IEC-C19 14ft Argen |

Power Cables for NXA-PDC-3200W Power Supplies

| Lug | Part Number | Wire Gauge |
|-------------------------------|--|------------|
| Copper lug, 2 hole, size 1/4" | Burgundy P/N: YAL2C2T14 Panduit P/N: LCD2-14A-Q | #2AWG |

Regulatory Standards Compliance Specifications

The following 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. |

| Specification | Description |
|----------------|---|
| Safety | <ul style="list-style-type: none"> • CAN/CSA-C22.2 No. 60950-1 Second Edition • CAN/CSA-C22.2 No. 62368-1-19 Third Edition • NRTL 60950-1 Second Edition • IEC 62368-1 • EN 62368-1 • AS/NZS 62368-1 • GB4943 • UL 62368-1 |
| EMC: Emissions | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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. |

