



# APPENDIX B

## Technical Specifications

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This appendix describes the technical specifications for the Cisco Nexus 5600 switch.

This appendix includes the following sections:

- [Switch Specifications, page B-1](#)
- [Environmental Specifications, page B-2](#)
- [Power Specifications, page B-3](#)



Note

Specifications for cables and connectors are provided in [Appendix C, “Cable and Port Specifications.”](#)

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## Switch Specifications

The following table lists the physical specifications for the Cisco Nexus 5672UP and 5672UP-16G switches.

**Table B-1** Physical Specifications for the Cisco Nexus 5672UP and 5672UP-16G Switches

Description	Specification
Dimensions (H x W x D)	1.75 (H) x 17.3 (W) x 30 (D) inches (4.4 x 43.9 x 76.2 cm)
Cisco Nexus 5672UP (2 Power supplies + 3 Fans)	32 lb (14.52 kg)
Cisco Nexus 5672UP-16G (2 Power supplies + 3 Fans)	33 lb (14.97 kg)

The following table lists the physical specifications for the Cisco Nexus 56128P switch.

**Table B-2** Physical Specifications for the Cisco Nexus 56128P Switch

Description	Specification
Dimensions (H x W x D)	3.5 (H) x 17.3 (W) x 30 (D) inches (8.8 x 43.9 x 76.2 cm)
Cisco Nexus 56128P (2 Expansion modules + 4 Power supplies)	70 lb (31.75 kg)

The following table lists the physical specification for Cisco Nexus 5696Q switch.

**Table B-3** Physical Specification for the Cisco Nexus 5696Q Switch

Description	Specification
Dimensions (H x W x D)	6.97 (H) x 17.3 (W) x 30 (D) inches (17.7 x 43.9 x 76.2 cm)
Cisco Nexus 5696Q (4 Power supplies + 4 Fans, 2 GEMs)	134 lb (60.78 kg)

The following table lists the physical specification for Cisco Nexus 5624Q switch.

**Table B-4** Physical Specifications for the Cisco Nexus 5624Q Switch

Description	Specification
Dimensions (H x W x D)	1.75 (H) x 17.5 (W) x 30 (D) inches (4.4 x 44.4 x 76.2 cm)
Cisco Nexus 5624Q (2 Power supplies + 3 Fans)	36 lb (16.33 kg)

The following table lists the physical specification for Cisco Nexus 5648Q switch.

**Table B-5** Physical Specifications for the Cisco Nexus 5648Q Switch

Description	Specification
Dimensions (H x W x D)	3.5 (H) x 17.5 (W) x 30 (D) inches (8.9 x 44.4 x 76.2 cm)
Cisco Nexus 5624Q (4 Power supplies + 3 Fans, 2 GEMs)	61.5 lb (27.9 kg)

## Environmental Specifications

The following table lists the environmental specifications for the Cisco Nexus 5672UP, Cisco Nexus 5672UP-16G, Cisco Nexus 56128P, Cisco Nexus 5696Q, Cisco Nexus 5624Q, and Cisco Nexus 5648Q switches.

**Table B-6** Environmental Specifications for the Cisco Nexus 5600 Series Switches

Description	Specification
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 10,000 ft (0 to 3000 m)

# Power Specifications

This section describes the power specifications for the Cisco Nexus 5600 Series switches. This section includes the following topics:

- [Specifications for the Cisco Nexus NXA-PAC-1100W and N55-PAC-1100W Power Supplies, page B-3](#)
- [Specifications for the Cisco Nexus NXA-PHV-1100W Power Supply, page B-4](#)
- [Specifications for the Cisco Nexus N55-PDC-1100W Power Supply, page B-4](#)

## Specifications for the Cisco Nexus NXA-PAC-1100W and N55-PAC-1100W Power Supplies

The following table lists the properties of Cisco Nexus NXA-PAC-1100W and N55-PAC-1100W AC power supplies:

**Table B-7**      *Specifications for the Cisco Nexus NXA-PAC-1100W and N55-PAC-1100W AC Power Supplies*

Power Supply Properties	Specifications
Maximum rated power output	1100W
Typical operating power consumption	5672UP-16G: 480W 5648Q: 1000W 5624Q: 750W 5696Q: 2800W 56128P: 700W 5672UP: 400W
Maximum power consumption	5672UP-16G: 550W 5648Q: 1600W 5624Q: 1100W 5696Q: 3300W 56128P: 880W 5672UP: 450W
Input AC voltage range	90 to 264 VAC
Maximum AC input current (@ 100VAC, 200VAC)	13A, 7A
Frequency	47 to 63 Hz
Efficiency	94% (50% load)
RoHS compliance	Yes
Hot swappable	Yes
Port side exhaust air flow power supply	Yes
Port side intake air flow power supply	Yes

## Specifications for the Cisco Nexus NXA-PHV-1100W Power Supply

The following table lists the properties of the Cisco Nexus NXA-PHV-1100W power supply.

**Table B-8**      *Specifications for the Cisco Nexus NXA-PHV-1100W Power Supply*

Power Supply Properties	Specification
Maximum rated power output	1100W
Typical operating power consumption	5672UP-16G: 480W 5648Q: 1000W 5624Q: 750W 5696Q: 2800W 56128P: 700W 5672UP: 400W
Maximum power consumption	5672UP-16G: 550W 5648Q: 1600W 5624Q: 1100W 5696Q: 3300W 56128P: 880W 5672UP: 450W
Input voltage range	192 to 400 VDC, 90 to 295 VAC
Maximum input current (@240 VDC, 380 VDC, 277 VAC)	5.5A, 3.5A, 4.7A
Efficiency	94% (at 50% load)
RoHS compliance	Yes
Hot swappable	Yes
Port side exhaust air flow power supply	Yes
Port side intake air flow power supply	Yes

## Specifications for the Cisco Nexus N55-PDC-1100W Power Supply

The following table lists the properties of the Cisco Nexus N55-PDC-1100W DC power supply.

**Table B-9**      *Specifications for the Cisco Nexus N55-PDC-1100W DC Power Supply*

Power Supply Properties	Specification
Maximum rated power output	1100W
Typical operating power consumption	5672UP-16G: 480W 5648Q: 1000W 5624Q: 750W 5696Q: 2800W 56128P: 700W 5672UP: 400W

**Table B-9** Specifications for the Cisco Nexus N55-PDC-1100W DC Power Supply (continued)

Power Supply Properties	Specification
Maximum power consumption	5672UP-16G: 550W 5648Q: 1600W 5624Q: 1100W 5696Q: 3300W 56128P: 880W 5672UP: 450W
Input DC voltage range	-40 to -72 VDC
Maximum DC input current (-40 VDC)	32A
Efficiency	92% (at 50% load)
RoHS compliance	Yes
Hot swappable	Yes
Port side exhaust air flow power supply	Yes
Port side intake air flow power supply	Yes

