



Cisco CSP 2100 Specifications

This chapter lists the technical specifications for the Cisco CSP 2100 and includes the following sections:

- [Physical Specifications, page 4-1](#)
- [Environmental Specifications, page 4-2](#)
- [Power Specifications, page 4-3](#)

Physical Specifications

[Table 4-1](#) lists the physical specifications for Cisco CSP 2100.

Table 4-1 *Physical Specifications*

Description	Specification
Height	1.7 in. (4.3 cm)
Width	16.9 in. (42.9 cm)
Depth	29.8 in. (75.8 cm)
Maximum weight (fully loaded chassis)	SFF 8-drive: 37.9 lb. (17.2 Kg)

Environmental Specifications

Table 4-2 lists the environmental specifications for the Cisco CSP 2100.

Table 4-2 Environmental Specifications

Description	Specification
Temperature, operating	41 to 95°F (5 to 35°C) Derate the maximum temperature by 1°C per every 305 meters of altitude above sea level.
Temperature, non-operating (when the Cisco CSP 2100 is stored or transported)	-40 to 149°F (-40 to 65°C)
Humidity (RH), noncondensing	10 to 90%
Altitude, operating	0 to 10,000 feet
Altitude, non-operating (when the Cisco CSP 2100 is stored or transported)	0 to 40,000 feet
Sound power level Measure A-weighted per ISO7779 LwAd (Bels) Operation at 73°F (23°C)	5.4
Sound pressure level Measure A-weighted per ISO7779 LpAm (dBA) Operation at 73°F (23°C)	37

Power Specifications

The power requirement for Cisco CSP 2100 is similar to the Cisco UCS server. You can get more specific power information for your exact server configuration by using the Cisco UCS Power Calculator:

http://www.cisco.com/assets/cdc_content_elements/flash/dataCenter/cisco_ucs_power_calculator/


Note

Do not mix power supply types in the Cisco CSP 2100. Both power supplies must be identical.

770 W AC Power Supply

Table 4-3 lists the specifications for each 770 W AC power supply (Cisco part number UCSC-PSU1-770W).

Table 4-3 Power Supply Specifications

Description	Specification
AC input voltage range	90 to 264 VAC (self-ranging, 100 to 264 VAC nominal)
AC input frequency	Range: 47 to 63 Hz (single phase, 50 to 60Hz nominal)
AC line input current (steady state)	9.5 A peak at 100 VAC 4.5 A peak at 208 VAC
Maximum output power for each power supply	770 W
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

