

## Node Specifications

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This appendix lists the technical specifications for the node and includes the following sections:

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

## Physical Specifications

[Table A-1](#) lists the physical specifications for the node.

**Table A-1**      *Physical Specifications*

<b>Description</b>	<b>Specification</b>
Height	1.7 in. (4.3 cm)
Width	16.9 in. (42.9 cm)
Depth (length)	29.8 in. (75.8 cm)
Maximum weight (fully loaded chassis)	37.9 lb. (17.2 Kg)

# Environmental Specifications

Table A-2 lists the environmental specifications for the node.

**Table A-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 node is stored or transported)	-40 to 149°F (-40 to 65°C)
Humidity (RH), operating	10 to 90%
Humidity, non-operating	5 to 93%
Altitude, operating	0 to 10,000 feet
Altitude, non-operating (when the node 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 specifications for the power supply option is listed in the following sections:

- [770 W AC Power Supply, page A-3](#)

You can get more specific power information for your exact node configuration by using the Cisco UCS Power Calculator:

<http://ucspowercalc.cisco.com>



**Note**

Do not mix power supply types in the node. Both power supplies must be identical.

## 770 W AC Power Supply

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

**Table A-3** Power Supply Specifications

Description	Specification
AC input voltage	Nominal range: 100–120 VAC, 200–240 VAC (Range: 90–132 VAC, 180–264 VAC)
AC input frequency	Nominal range: 50 to 60Hz (Range: 47–63 Hz)
Maximum AC input current	9.5 A at 100 VAC 4.5 A at 208 VAC
Maximum input volt-amperes	950 VA at 100 VAC
Maximum output power per PSU	770 W
Maximum inrush current	15 A (sub-cycle duration)
Maximum hold-up time	12 ms at 770 W
Power supply output voltage	12 VDC
Power supply standby voltage	12 VDC
Efficiency rating	Climate Savers Platinum Efficiency (80Plus Platinum certified)
Form factor	RSP2
Input connector	IEC320 C14

