Server Specifications

This appendix lists the technical specifications for the Cisco UCS C420 Server and includes the following sections:

Physical Specifications

Table A-1 lists the physical specifications for the server.

Table A-1   Physical Specifications

Description	Specification
Height	3.5 in (89 mm)
Width	17.6 in (447 mm)
Length (including slide-rail inner rails)	31.5 in (800 mm)
Weight (maximum configuration)	78 lbs (35.38 kg)
Weight (maximum configuration, including slide rail inner rails and cable management arm)	86 lbs (39.00 kg)

Environmental Specifications

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

Table A-2   Environmental Specifications

Description	Specification
Temperature, operating	5ºC to 35ºC (41ºF to 95ºF)
Temperature, nonoperating	–40ºC to 65ºC (–40ºF to 149ºF)
Humidity, nonoperating	10% to 90%
Altitude, operating Derated 1ºC for each 305 m	0 m to 3048 m (0 ft to 10,000 ft)
Altitude, nonoperating	0 m to 12,192 m (0 ft to 40,000 ft)

Power Specifications

Table A-3 lists the specifications for each 1200 W power supply (Cisco part number UCSC-PSU2-1200).

Table A-3   1200 W Power Supply Specifications

Description	Specification
AC input voltage	200 to 240 VAC nominal (Range: 180 to 264 VAC)
Low AC input voltage (limited to 800 W system configurations)	100 to 120 VAC nominal (Range: 90 to 132 VAC)
AC input frequency	50 to 60 Hz nominal (Range: 47 to 63 Hz)
Maximum AC-input current	10 A
Maximum output power for each power supply	1200 W (up to two power supplies can be installed)
Power supply output voltage	Main power: 12 VDC Standby power: 12 VDC

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/