

Technical Specifications

This appendix provides technical specifications for the Cisco Catalyst 9800-80 Wireless Controller.

- Technical Specifications, on page 1

Technical Specifications

Description	Specification
Dimensions (H x W x D)	Height— 3.5 in. (88.9 mm) Width— 17.3 in. (439.42 mm) Depth— 22.0 in. (558.8 mm) including card handles, cable-management brackets, and power supply handles
Weight	34 lb (15.42 kg) fully loaded
Nominal operating temperature	32° to 104° F (0° to 40° C)
Short-term operating temperature	32° to 122° F (0° to 50° C)
Nominal operating humidity	10 to 90% relative humidity
Short-term operating humidity	5 to 90%
Storage temperature	–4° to 158° F (–20° to +70° C)
Power consumption	• Maximum (DC): 750 W • Maximum (AC): 750 W • Maximum (Out): 450 W

Table 1: Ambient Temperature and Fan Speed

Temperature/Fan Speed	Sound Pressure Level	Sound Power Level
-40° to 28° C (70% fans)[1]	59.8	70.5

Temperature/Fan Speed	Sound Pressure Level	Sound Power Level
29° to 38° C (80% fans)[2]	62.4	73.6
39° to 45° C (90% fans)	65.9	76.6
46° C and above (90% fans)	69.7	80.4

[1] fan speed at typical room ambient temperature.
[2] fan speed at system boot.