

Technical Specifications

This appendix provides technical specifications for both the Cisco Catalyst CW9800H1 Wireless Controllers and the Cisco Catalyst CW9800H2 Wireless Controllers.

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Cisco Catalyst CW9800H1 and CW9800H2 Wireless Controllers Technical Specifications

Description	Specification
Dimensions (H x W x D)	Height—1.73 in. (43.94 mm) Width—17.5 in. (444.5 mm) Depth—24.02 in. (610.11 mm) including card handles, cable-management brackets, and power supply handles.
Weight	23 lb (10.45 kg) fully loaded
Nominal operating temperature	41° to 104° F (5° to 40° C)
Short-term operating temperature	41° to 122° F (5° to 50° C)
Nominal operating humidity	5 to 85% non-condensing
Short-term operating humidity	5 to 90% non-condensing
Storage temperature	–4° to 158° F (–20° to +70° C)
Power consumption	• Maximum AC Input Range: +100 to +240 VAC • Maximum DC Input Range: - 40.5 to -72 VDC

Table 1: Ambient Temperature and Fan Speed

Temperature/Fan Speed	Sound Pressure Level	Sound Power Level
-40° to 24° C (50% fans)[1]	59.0	73.0
25° to 39° C (60% fans)[2]	61.1	75.1
40° to 50° C (80% fans)	68.0	82.0
51° C and above (100% fans)	67.9	81.9

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