

Technical Specifications

This appendix provides technical specifications for the Cisco Catalyst 9800-40 Wireless Controller.

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Cisco Catalyst 9800-40 Wireless Controller Specifications

Description	Specification
Dimensions (H x W x D)	Height—1.72 in. (43.69 mm) Width—17.3 in. (439.42 mm) Depth—21.78 in. (553.2 mm) including card handles, cable-management brackets, and power supply handles
Weight	23 lb (10.43 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 (AC): 381 W

Table 1: Ambient Temperature and Fan Speed

Temperature/Fan Speed	Sound Pressure Level	Sound Power Level
-40° to 25° C (50% fans)[1]	62.2	71.2
26° to 43° C (60% fans)[2]	64.4	74.1
44° to 50° C (75% fans)	69.2	79.2

Temperature/Fan Speed	Sound Pressure Level	Sound Power Level
51° C and above (90% fans)	71.6	81.7

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