



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 CW9800M Wireless Controller 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 | 20.5 lb (9.32 kg) fully loaded |
| Nominal operating temperature | 41° to 104° F (5° to 40° C) |
| Short-term operating temperature | 41° to 131° F (5° to 55° 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): 750 W |

Table 1: Ambient Temperature and Fan Speed

| Temperature/Fan Speed | Sound Pressure Level | Sound Power Level |
|---------------------------------------|-----------------------------|--------------------------|
| -40° to 24° C (50% fans) ¹ | 59.5 | 73.5 |
| 25° to 39° C (60% fans) ² | 61.5 | 75.5 |
| 40° to 50° C (80% fans) | 66.7 | 80.7 |
| 51° C and above (100% fans) | 67.7 | 81.7 |

¹ fan speed at typical room ambient temperature.

² fan speed at system boot.