

# System Specifications

Table A-1 contains the Catalyst 2900 system specifications.

**Table A-1 System Specifications**

<b>Description</b>	<b>Specifications</b>
Backplane	1.2-Gbps <sup>1</sup> , 1 module connections
Dimensions (H x W x D)	3.4 x 17.25 x 23" (8.5 x 43.8 x 58.4 cm) Chassis depth including cable guide is 21.64" (55.0 cm)
Weight	Chassis: 41 lb (18.6 kg)
DC voltages supplied and steady-state maximum current ratings	+5V @ 30A +12V @ 2A +24V @ 0.2A
Power supply	375W maximum (AC-input power supplies)
Power dissipation	240W maximum configuration.
Heat dissipation	240W (818 Btu <sup>2</sup> /hr)
Input voltage	100–240 VAC wide input with power factor correction
Frequency	47–63 Hz autoranging
AC current rating	3 A maximum at 100-240 VAC
Airflow	95 cfm <sup>3</sup> through the system fan assembly
Operating temperature	32–104 F (0–40 C)
Nonoperating temperature	-40–167 F (-40–75 C)
Humidity	10–90%, noncondensing

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<b>Description</b>	<b>Specifications</b>
Microprocessor	25-MHz 68EC040 for the NMP <sup>4</sup>
Memory	4 MB of Flash memory 8 MB of packet-buffer DRAM <sup>5</sup> 256 KB of NVRAM <sup>6</sup>
Interface ports	2 RJ-45 IEEE 802.3u Ethernet 100BaseTX 2 40-pin MII <sup>7</sup> IEEE 802.3u Ethernet 100BaseTX MII (WS-C5009) and a DB-25 console port for an administration workstation 12 RJ-45 IEEE 802.3u Ethernet 10/100 Mbps Fast Ethernet 10/100 BaseTX (WS-X5213) 12 SC multimode 802.3u Ethernet 100BaseFX (WS-X5111)
Network connectors	10BaseT (RJ-45) 100BaseTX (RJ-45 or 40-pin MII) 100BaseFX (SC)
Network management	SNMP <sup>8</sup> agent Station Management (SMT) Specification, Revision 7.3
Management Information Bases (MIB)	SNMP v2 SNMP v1 (RFC 1155-1157) SNMP MIB II (RFC 1213) Bridging MIB (RFC 1493) Interface extension MIB (RFC 1573) Ethernet (RFC 1643 supersedes RFC 1398) Cisco CDP MIB Cisco Stack MIB
Maximum station-to-station cabling distance	10/100BaseTX Fast Ethernet: Category 5 UTP: 328' (100 m) 100BaseFX Fast Ethernet 62.5/125-micron multimode fiber: 1.24 miles (400 m)
Agency approvals	Safety: UL <sup>9</sup> 1950, CSA <sup>10</sup> -C22.2 No. 950-93, and EN60950 EMI <sup>11</sup> : FCC Class A (47 CFR, Part 15), CE Mark, EN55022 Class B and VCCI Class 2 with shielded cables

1. Gbps = gigabits per second
2. Btu = British thermal units
3. cfm = cubic feet per minute

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4. NMP = network management processor
  5. DRAM = dynamic random-access memory
  6. NVRAM = nonvolatile random-access memory
  7. MII = media independent interface
  8. SNMP = Simple Network Management Protocol
  9. UL = Underwriters Laboratory
  10. CSA = Canadian Standards Association
  11. EMI = electromagnetic interference

