WS-C2960CX-8TC-L Datasheet

Overview

WS-C2960CX-8TC-L is one of the Cisco Catalyst 2960 Compact Series Switches, which are ideal for space-constrained deployments where multiple cable runs would be challenging. The 2960CX Series offer Gigabit Ethernet ports with line rate forwarding performance.

Quick Specs

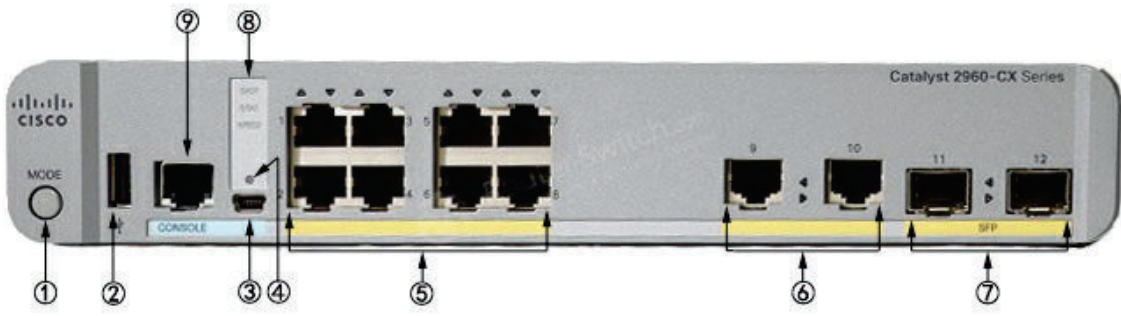**Figure 1 shows the appearance of WS-C2960CX-8TC-L.**

Table 1 shows the Quick Specs.

Product Code	WS-C2960CX-8TC-L
Feature Set	LAN Base
Uplink Interfaces	2 x 1G copper plus 2 x 1G SFP
Ports	8 x 10/100/1000 Gigabit Ethernet ports
Forwarding Bandwidth	12 Gbps
Switching Bandwidth (full-duplex capacity)	24 Gbps
RAM	512 MB
Flash Memory	128 MB
Dimensions	4.44 x 26.9 x 21.3 cm
Package Weight	4.38 Kg

Product Details

Figure 2 shows the front panel of WS-C2960CX-8TC-L.

Note:

(1)	Mode button		(6)	2 x 1G copper
(2)	USB Type A port		(7)	SFP module slots
(3)	USB mini-Type B (console) port		(8)	SYST, STAT, SPEED LED
(4)	Console LED		(9)	RJ-45 Console Port
(5)	8 x 10/100/1000 ports			

Table 2 shows the three LEDs descriptions.

LED	Color/Port Mode	Description
SYST (System LED)	Off	System is not powered on.
	Green	System is operating normally.
	Amber	System is receiving power but is not operating properly.
STAT	Port status	The port status. This is the default mode.
SPEED	Port speed	The port operating speed: 10, 100, or 1000 Mb/s.

· The console LEDs show which console port is in use.

· If you connect a cable to a console port, the switch automatically uses that port for console communication. If you connect two console cables, the USB-mini console port has priority.

Table 3 shows the Console LED description.

LED	Color	Description
RJ-45 console port	Green	RJ-45 console port is active. USB-mini console port LED is not active.
	Off	Port is not active. USB-mini console port is active.
USB-mini console port	Green	USB-mini console port is active. RJ-45 console port LED is not active.
	Off	Port is not active. RJ-45 console port is active.

Figure 3 shows the back panel of WS-C2960CX-8TC-L.

AC power connector

Specification

WS-2960CX-8TC-L Specification	
Ethernet Ports	8 x 10/100/1000 Gigabit Ethernet
PoE Output Ports	N/A
Available PoE Power	N/A
Uplinks	2 x 1G copper plus 2 x 1G SFP
Default Software	LAN Base
Forwarding Bandwidth	12 Gbps
Switching Bandwidth (full-duplex capacity)	24 Gbps
Flash memory	128 MB
Memory DRAM	512 MB
Max VLANs	255
VLAN IDs	4000
Maximum transmission unit (MTU)	Up to 9000 bytes
Jumbo frames	9198 bytes
Forwarding rate 64 Byte Packet	17.9 mpps
Power connectors	- Customers can provide power to a switch by using the internal power supply. The connector is located at the back of the switch. The internal power supply is an autoranging unit - The internal power supply supports input voltages between 100 and 240VAC - Use the supplied AC power cord to connect the AC power connector to an AC power outlet

Indicators	Per-port status: Link integrity, disabled, activity, speed, full-duplex System status: System, link status, link duplex, link speed
Dimensions (H x W x D)	1.75 x 10.6 x 8.4 in (4.44 x 26.9 x 21.3 cm)
Weight	3.8 lb (1.72 Kg)
Package Weight	9.66 lb (4.38 Kg)
Operating* temperature up to 5000 ft (1524 m)	-5°C to +45°C (+23°F to +113°F)
Operating* temperature up to 10,000 ft (3048 m)	-5°C to +45°C (+23°F to +113°F)
Storage temperature up to 15,000 ft (4572 m)	-25°C to +70°C (-13°F to +158°F)
Operating altitude	Up to 3048 m (Up to 10,000 ft)
Storage altitude	Up to 4000 m (Up to 15,000 ft)
Operating relative humidity	5% to 95% noncondensing
Storage relative humidity	5% to 95% noncondensing
Mean time between failure (MTBF)	756,260