

## 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.

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



## The Accessories

Table 4 shows some recommended cables.

Models	Descriptions
<a href="#">CAB-CONSOLE-USB</a>	Cisco CAB-CONSOLE-USB Console Cable 6 ft with USB Type A and mini-B
<a href="#">CAB-CONSOLE-RJ45</a>	Cisco CAB-CONSOLE-RJ45 Console Cable 6ft with RJ45 and DB9F

## Compare to similar item

Models	<a href="#">WS-C2960C-8TC-L</a>	<a href="#">WS-C2960CX-8TC-L</a>
<b>Uplinks</b>	2 x 1G copper or 2 x 1G SFP	2 x 1G copper or 2 x 1G SFP
<b>Ports</b>	8 x 10/100 Fast Ethernet	8 x 10/100/1000 Gigabit Ethernet
<b>Feature set</b>	LAN Base	LAN Base

## Transition Guide

[\[PDF\] Cisco Catalyst 2960/2960-SF/2960-S Series Transition Guide](#)

[\[PDF\] Guide to Upgrade Cisco Access and Backbone Switch](#)

[\[PDF\] Selecting Cisco Switches-Campus, Branch, Digital Building](#)

## Selection Decision

[\[PDF\] Cisco's New Switch Selection Decision 2018](#)

## Get more information

Do you have any question about the WS-C2960CX-8TC-L?

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## Specification

WS-2960CX-8TC-L Specification	
<b>Ethernet Ports</b>	8 x 10/100/1000 Gigabit Ethernet
<b>PoE Output Ports</b>	N/A

<b>Available PoE Power</b>	N/A
<b>Uplinks</b>	2 x 1G copper plus 2 x 1G SFP
<b>Default Software</b>	LAN Base
<b>Forwarding Bandwidth</b>	12 Gbps
<b>Switching Bandwidth (full-duplex capacity)</b>	24 Gbps
<b>Flash memory</b>	128 MB
<b>Memory DRAM</b>	512 MB
<b>Max VLANs</b>	255
<b>VLAN IDs</b>	4000
<b>Maximum transmission unit (MTU)</b>	Up to 9000 bytes
<b>Jumbo frames</b>	9198 bytes
<b>Forwarding rate 64 Byte Packet</b>	17.9 mpps
<b>Power connectors</b>	<ul style="list-style-type: none"> <li>- Customers can provide power to a switch by using the internal power supply. The connector is located at the back of the switch.</li> <li>The internal power supply is an autoranging unit</li> <li>- The internal power supply supports input voltages between 100 and 240VAC</li> <li>- Use the supplied AC power cord to connect the AC power connector to an AC power outlet</li> </ul>
<b>Indicators</b>	Per-port status: Link integrity, disabled, activity, speed, full-duplex System status: System, link status, link duplex, link speed
<b>Dimensions (H x W x D)</b>	1.75 x 10.6 x 8.4 in (4.44 x 26.9 x 21.3 cm)
<b>Weight</b>	3.8 lb (1.72 Kg)
<b>Package Weight</b>	9.66 lb (4.38 Kg)
<b>Operating* temperature up to 5000 ft (1524 m)</b>	-5°C to +45°C (+23°F to +113°F)
<b>Operating* temperature up to 10,000 ft (3048 m)</b>	-5°C to +45°C (+23°F to +113°F)
<b>Storage temperature up to 15,000 ft (4572 m)</b>	-25°C to +70°C (-13°F to +158°F)
<b>Operating altitude</b>	Up to 3048 m (Up to 10,000 ft)
<b>Storage altitude</b>	Up to 4000 m (Up to 15,000 ft)
<b>Operating relative humidity</b>	5% to 95% noncondensing
<b>Storage relative humidity</b>	5% to 95% noncondensing
<b>Mean time between failure (MTBF)</b>	756,260

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