

WS-C2960CX-8PC-L Datasheet

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Overview

WS-C2960CX-8PC-L equips 8 Gigabit Ethernet POE+ ports with 2 x 1 Gigabit copper and 2 x 1 Gigabit SFP uplinks. The POE powers up to 30W/port and supplies total 124W POE budget which can power IP phones, IP Cam or other POE devices.

Quick Specs

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



Table 1 shows the Quick Specs.

Product Code	WS-C2960CX-8PC-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
Available POE Power	124W
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 23.8 cm
Package Weight	4.65 Kg

Product Details

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



Note:

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

Table 2 shows the four 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.
POE	Off	PoE is not enabled.
	Green	PoE is enabled. Ports are functioning correctly.
	Blinking Amber	-PoE mode is not selected -At least one of the 10/100 or 10/100/100 PoE ports has been denied power -At least one of the ports has a PoE fault

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.

The Accessories

Table 4 shows some recommended cables.

Models	Descriptions
CAB-CONSOLE-USB	Cisco CAB-CONSOLE-USB Console Cable 6 ft with USB Type A and mini-B
CAB-CONSOLE-RJ45	Cisco CAB-CONSOLE-RJ45 Console Cable 6ft with RJ45 and DB9F

Compare to similar item

Models	WS-C2960CX-8PC-L	WS-C2960CX-8TC-L
Uplinks	2 x 1G copper or 2 x 1G SFP	2 x 1G copper or 2 x 1G SFP
Ports	8 x 10/100/1000 Gigabit Ethernet	8 x 10/100/1000 Gigabit Ethernet
Feature set	LAN Base	LAN Base
Available POE Power	124W	None

Solution

How to use this product to build Network for Small Business (Requires Router & Voice Module)?

See here: [SMB Network Options](#)

Get more information

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

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Specification

WS-2960CX-8PC-L Specification	
Ethernet Ports	8 x 10/100/1000 Gigabit Ethernet
PoE Output Ports	8 PoE+
Available PoE Power	124W
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	<ul style="list-style-type: none"> - 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	<p>Per-port status: Link integrity, disabled, activity, speed, full-duplex</p> <p>System status: System, link status, link duplex, link speed</p>
Dimensions (H x W x D)	1.75 x 10.6 x 9.4 in (4.44 x 26.9 x 23.8cm)
Weight	5.0 lb (2.27 Kg)
Package Weight	10.25 lb (4.65 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)	569,530

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